

<i>Inland Waterways Authority of India</i>		<i>Jal Marg Vikas Project</i>	
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Assignment title: - <i>Fairway Maintenance of Ghazipur Varanasi (133KM) stretch including Removal of Hard Strata in National Waterway – 1</i>			
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1	GCC 14.1 Page 228	Site Data are: The relevant drawings, Geotechnical Investigation Report for Hard Strata (Jan.2020) tentative shoal details with chainages as attached with this document.	Site Data are: The relevant drawings, Geotechnical Investigation Report for Hard Strata (Jan.2020) tentative shoal details with chainages as attached with this document. The Geotechnical Report Containing 268 pages are uploaded with this Amendment.
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Inland Waterways Authority of India



**GEOTECHNICAL INVESTIGATION FOR HARD
STRATA AT IDENTIFIED SHALLOW PATCHES BETWEEN
GHAZIPUR-VARANASI STRETCH ON NW-1 (RIVER GANGA)**

JAN, 2020

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GEOTECH CONSULTANTS

THE DESIGNERS' CONSORTIUM

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EXECUTIVE SUMMARY

Inland Waterways Authority of India (IWAI) is setting up National Waterways across India, of which NW-1 is the 1620 kilometre water system starts from Allahabad, officially known as Prayagraj, in Uttar Pradesh and goes till Haldia in West Bengal. The system comprises rivers Ganga, Bhagirathi and Hoogly with 12 river ports/terminals.

To develop the waterway dredging is required to be carried out to have Least Available Depth (LAD) of 2.50m for smooth movement of vessels. While developing the stretch of Gazipur-Varanasi section, it was observed that in a particular reach of about 12km near Saidpur, the river bed comprised of Hard strata in which dredging by ordinary method is not possible due to presence of "*Detrital / Clastic sedimentary calcareous (along with sand, clay etc.) soft to medium hard rock*". In the stretch under investigation, these **Clastic /detrital sedimentary rocks** are composed of the solid products of weathering (gravel, sand, silt, and clay) cemented together by the dissolved weathering products.

In view of the above IWAI proposed to conduct a geotechnical investigation (bore-hole testing) of hard strata at identified shallow patches between Ghazipur - Varanasi) to assess the index and hardness characteristic of the hard strata and estimation of quantity of hard/soft strata to have Least Available Depth (LAD) of 2.50m with respect to average LWL of last 10 years for dredging.

The findings of the investigation & estimation of quantity of hard/soft strata for dredging is tabulated below:

	for Hard Strata	for Soft Strata	Total Dredging
Quantity to be dredged in Cum	802585.53	278281.52	1080867.05

Details of quantity calculation for dredging of Hard & Soft - Strata at identified shallow patches in between Ghazipur to Varanasi stretch of NW-1

Sl. No.	LOCATIONS	Chainage (in km)		Quantity to be dredged (in Cum)		
		From	To	for Hard Strata	for Soft Strata	Total
1	U/S Ghazipur Road Bridge	1178.72	1177.65	103278.80	0	103278.80
2	Gopalpur to U/S Saidpur Pump House	1259.00	1257.19	147576.90	0	147576.90
3	Saidpur Pump House to U/S Saidpur Road Bridge	1255.70	1254.59	90835.70	0	90835.70
4	D/S Saidpur Road Bridge to U/S Phulwariya Ghat	1254.00	1251.10	227379.48	0	227379.48
5	D/S Ramghat to D/S Chakeri	1249.60	1242.06	233514.65	278281.52	511796.17
		Total		802585.53	278281.52	1080867.05

- ☉ Quantity calculated based on the 'Area calculation by Simpson rule' & volume calculation by Trapezoidal Rule'.
- ☉ The quantity calculated on basis of reduced hydrographic survey charts received from IWAI Varanasi office .
- ☉ Side slope is being considered as 1V : 1H
- ☉ Width of dredging is 45m
- ☉ Depth of cut is considered (+) 2.5m with respect to average LWL of last 10 year.

Details of Hard & Soft Strata in each borehole is tabulated below:

Sl. No.	Locations	Chainage (in km)		Borehole No.	Starting Depth of Soft Strata from bed (in Mtrs)		Starting Depth of Hard Strata from bed (in Mtrs.)	
		From	To		From	To	From	To
1	U/S Ghazipur Road Bridge	1178.72	1177.65	BH54	-	-	0.00	4.00
				BH55	-	-	0.00	4.00
				BH56	-	-	0.00	4.00
				BH57	-	-	0.00	4.00
2	Gopalpur to U/S Saidpur Pump House	1259.00	1257.19	BH1	-	-	0.00	4.00
				BH2	-	-	0.00	4.00
				BH3	-	-	0.00	4.00
				BH4	-	-	0.00	4.00
				BH5	-	-	0.00	4.00
				BH6	-	-	0.00	4.00
				BH7	-	-	0.00	4.00
				BH8	-	-	0.00	4.00
				BH9	-	-	0.00	4.00
3	Saidpur Pump House to U/S Saidpur Road Bridge	1255.70	1254.59	BH11	-	-	0.00	4.00
				BH12	-	-	0.00	4.00
				BH13	-	-	0.00	4.00
				BH14	-	-	0.00	4.00
				BH15	-	-	0.00	4.00
4	D/S Saidpur Road Bridge to U/S Phulwariya Ghat	1254.00	1251.10	BH16	-	-	0.00	4.00
				BH17	-	-	0.00	4.00
				BH18	-	-	0.00	4.00
				BH19	-	-	0.00	4.00
				BH20	-	-	0.00	4.00
				BH21	-	-	0.00	4.00
				BH22	-	-	0.00	4.00
BH23	-	-	0.00	4.00				

5	D/S Ramghat to D/S Chakeri	1249.60	1242.06	BH24	0.00	2.40	2.40	4.00
				BH25	0.00	2.50	2.50	4.00
				BH26	0.00	2.80	2.80	4.00
				BH27	0.00	2.85	2.85	4.00
				BH28	0.00	3.00	3.00	4.00
				BH29	0.00	2.50	2.50	4.00
				BH30	0.00	2.20	2.20	4.00
				BH31	0.00	2.00	2.00	4.00
				BH32	0.00	2.10	2.10	4.00
				BH33	0.00	2.00	2.00	4.00
				BH34	0.00	2.15	2.15	4.00
				BH35	0.00	0.80	0.80	4.00
				BH36	-	-	0.00	4.00
				BH37	-	-	0.00	4.00
				BH38	-	-	0.00	4.00
				BH39	-	-	0.00	4.00
				BH40	-	-	0.00	4.00
				BH41	-	-	0.00	4.00
				BH42	0.00	0.80	0.80	4.00
				BH43	-	-	0.00	4.00
				BH44	-	-	0.00	4.00
				BH45	0.00	1.00	1.00	4.00
				BH46	-	-	0.00	4.00
				BH47	0.00	2.00	2.00	4.00
				BH48	-	-	0.00	4.00
				BH49	0.00	2.80	2.80	4.00
				BH50	0.00	1.90	1.90	4.00
				BH51	0.00	4.00	-	-
				BH52	0.00	4.00	-	-
				BH53	0.00	4.00	-	-

1.0 INTRODUCTION

1.1 General

Inland Waterways Authority of India (IWAI) is a statutory body under the Ministry of Shipping, Government of India. IWAI was set up in 1986 for regulation and development of Inland Waterways for the purposes of shipping and navigation. IWAI is primarily responsible for development, maintenance and regulation of Inland Water Transport (IWT) in the country and specifically National Waterways (NW). Inland Water Transport (IWT) has the potential to form the most economic, reliable, safe and environmentally friendly form of transport. In April, 2016, the Government of India has declared 106 new National Waterways in addition to the existing 05 (five) National Waterways

National Waterways, NW-1 is the 1620 kilometre water system starts from Allahabad, officially known as Prayagraj, in Uttar Pradesh and goes till Haldia in West Bengal. The system comprises rivers Ganga, Bhagirathi and Hoogly with 12 river ports/terminals. While developing the stretch of Ghazipur-Varanasi section, it was observed that in a particular reach of about 12km near Saidpur, the river bed comprised of Hard strata in which dredging by ordinary method is not possible due to presence of "*Detrital / Clastic sedimentary calcareous (along with sand, clay etc.) soft to medium hard rock*". In the stretch under investigation, these **Clastic /detrital sedimentary rocks** are composed of the solid products of weathering (gravel, sand, silt, and clay) cemented together by the dissolved weathering products.

1.2 Objective

The purpose of this study is to carry out the geotechnical investigation (bore-hole testing) of hard strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess the index and hardness characteristic of the hard strata and estimation of quantity of hard/soft strata to have Least Available Depth (LAD) of 2.50m with respect to average LWL of last 10 years for dredging. The river bed sub soil strata conditions shall be determined by lab test results of bore hole investigations. Keeping these objective in view, the IWAI proposed to conduct a geotechnical investigation of the proposed stretch of the river bed and entrusted the work to M/s 'The Designers' Consortium', A-435, Logix Technova, Sector-134, NOIDA.

The report presents the geological bore log, results of the field & laboratory tests and abstract & detailed calculations sheet of estimation of quantity of hard/soft strata. The observed data of field test investigations are presented and uses to access the nature of subsoil strata and to evaluate the index and hardness characteristic of the hard strata, further calculating the dredging quantity of hard strata.

2.0 SCOPE OF WORK

The detailed scope of work of geotechnical investigation for the project was limited to the following:

Mobilization of equipment and personal to the project site, setting up the equipment and carrying out the field investigation and demobilisation of the same after completion of field activities.

Drilling eleven 150 mm dia bore holes using rotary drilling rig up to a depth of 4.0m below river bed level in accordance to IS 1892.

Conducting standard penetration test in accordance to IS: 2131 at regular intervals or at the change of strata whichever is earlier and also collection of each SPT samples for laboratory test.

Collection of soil and rock samples along with disturbed and undisturbed soil sample in accordance to IS:1892 & IS:2132 at suitable interval or at the change of the strata whichever is earlier.

Conducting all necessary and relevant laboratory tests as per relevant IS : 2720 on the selected soil / rock sample limited to following:

- Grain size analysis
- Utterberg's Limit
- Specific Gravity
- Triaxial Test
- Direct Shear test
- Unit Weight
- Water contents
- Unit weight
- UCS of rock

Analysis of test results and submission of tests report giving all the test data along with soil profile and geological drill log.

Abstract and detailed calculations for estimation of quantity of hard/soft strata to have Least Available Depth (LAD) of 2.50m with respect to average LWL of last 10 years.

3.0 FIELD WORK

3.1 Bore Hole

Rotary drilling shall be done to achieve the bore hole depth up the require depth. The drill hole depth will be 4 meters below the river bed level.

3.2 Roatry Drilling

The rotary drilling has been done to achieve the bore hole depth up to the require depth. The drill hole dia has been kept 150mm in case of sub soil strata is comprised of soil. Rock coring of NX size has been done when hard soil strata are met and rotating augur is no longer possible. The drilling bit has been positioned exactly at the boring point established earlier. The drill bit was pressed into the ground and rotated with the mechanical means. In a single run, maximum 1.5m drilling were done and after the penetration of the core barrel by 1.5m, the core barrel set up withdrawn and core samples so collected in barrel are being transferred in core boxes. For carrying out SPT test at prescribed location, the core barrel was replaced by the SPT sampler and the test was carried out in accordance to IS:1892 specifications.

3.3 Standard Penetration test (SPT)

While making the drill bore holes, SPT test at every 1.5m were performed in the bore holes. The number of blows (N-values) for every 150 mm penetration were recorded. The drilling log diagrams, SPT N-values blow count, ground water table observations, soil description and thickness of different soil strata has been reported at each investigation point.

Before performing the SPT test, the bore was cleaned up to the desired SPT depth. Standard spoon sample attached to lower end of 'A' size drill rods was driven in the bore hole by means of standard hammer of 63.5kg falling freely from a height of 75cm. The sampler was driven 45cm and the number of below required for each 15cm penetration were recorded. The number of blows required for the first 15cm penetration were not taken into account. This was considered as seating drive. The number of blows for last 30cm penetration were designated as SPT 'N' value.

In this field test method, the sampler acts as a probe and the driving energy is supplied by the fall of the drop weight. The values of 'N' depends on the compactness or relative density of the materiel. In hard formations, the testing has been discontinued if 'N' value were found to be 100. It is termed as refusal.

'N' value depends upon degrees of saturation and over burden pressure of the formation. Silty fine sand and fine sand below the water table develop pore

pressure depending on the in-situ void ratio which in turn affects the effective stress. This change in effective stress influence the 'N' value considerably.

Terzaghi and peck have recommended a correction for 'N' values in case of saturated silty and fine sand when the 'N' observed in the field is higher than 15.

Modified value of field $N = N' = 15 + 1/2 (N-15)$.

Gibbs and Holtz have found that the over burden on a cohesion less soil tended to increase the resistance penetration or N value. They have recommended the use of the following equations for dry or moist clean sand.

$$N_{cor} = N_{obs} * 35 / (P_o + 7)$$

P_o is in t/sqm < 50 t/sqm

if N_{cor} is greater than $2 \times N_{obs}$,

Then $N_{des} = N_{cor} / 2$

Soil samples obtained from standard spoon sampler for all above standard penetration tests were collected in the polythene bags of suitable size. These samples were properly sealed, labelled, recorded and carefully transported to the laboratory for testing.

3.5 Soil Sampling

3.5.1 Disturbed Samples

The samples obtained in the split spoon barrel of SPT tube during SPT tests were preserved as representative disturbed samples. The cuttings obtained from boring tools has also been preserved as disturbed samples. The disturbed samples recovered were placed in airtight doubled transparent plastic bags, labelled properly for identification and finally sealed to avoid any loss of moisture. Only then the samples has been transportation to the laboratory for further investigation. In the case of trial pit, the number of disturbed soil samples were taken at every 1.0m depth or change of strata.

3.5.1 Undisturbed Samples

In the case of cohesive soil or very soft clay, undisturbed soil samples for in-situ density, unconfined compression and consolidation tests has been collected by means of an open tube sampler. The number of undisturbed soil samples depend on the occurrence of the cohesive soil or very soft clay at the actual tower locations. Undisturbed soil samples has been taken sufficiently to define the required soil properties by laboratory analysis.

The undisturbed samples has been taken in clayey soil by means of 100 mm diameter thin walled tube sampler made of steel pipes. The procedure of the sampling involves attaching a string of drill rods to the sampling tube adapter and lowering the sampler to rest in the bottom of the bore hole cleaned in advance for any loose materials left during boring operation. The sampler is then pushed into the soil and every care has been taken to avoid over pushing. After the sampler was pushed to the required depth, the soil at bottom of the sampler was sheared off by giving a twist to the drill rod at the top. In the case of trial pit, undisturbed sample has been taken by core cutter method in a core cutter of 100mm dia and 150mm length and at the depth of 2.0m and at the change of strata.

The extracted samples were sealed properly by waxing the sampling tubes at the both ends immediately after their recovery. On the top of the sampling tube the depth at which the sample was extracted was labelled properly for later identification. On completion of waxing, sampling tubes were wrapped by airtight polythene sheets and then bound on by adhesive tapes. Samples from the sites were then transport to the testing laboratory at the earliest. Prior to transporting, the samplers containing undisturbed samples are placed in wooden boxes. Saw dust is used for packing to minimize disturbances during transportation

Numbering and labelling of all soil samples were clear and unambiguous. The samples has been properly packed and securely transported to the testing laboratory, which in this case was a NABL approved laboratory in India.

4.0 LABORATORY TESTS

All the laboratory tests has been done in soil testing facilities and has been performed by qualified and experienced personnel. The tests has been carried out according to the IS standards or equivalent.

The following laboratory tests as envisaged by the geotechnical consultant for the proposed project is conducted.

- Natural Moisture Content
- Grain Size Analysis
- Atterberg's Limits
- Hydrometer Analysis
- Bulk and Dry Density
- Specific Gravity Test
- Triaxial Shear Strength Test
- Direct Shear Test
- Slack Durabilty on rock sample
- Point Load test on rock core samples

- Dry and Bulk density of rock cor

Direct shear test has been done for non cohesive soils on remoulded samples. The above-mentioned laboratory and field tests has been performed as per the IS or latest addition of the referenced standard. The results of laboratory tests has been compiled in the form of 'Test Results Summary Sheet' and presented in tabular form **Annexure 'A'**. The methodology of above mentioned tests are described briefly in the followings.

Grain Size Analysis

This method is suitable for making particle size analysis for coarse-grained soils. In this method the soil sample is passed through a series of standard test sieves having successively smaller mesh size. The weight of soil retained in each sieve is determined and cumulative percentage by weight passing each sieve is calculated. Then a semi-log graph between percent passing as ordinate and sieve size as abscissa is plotted. The graph enables settle more quickly than particle of finer diameter.

Natural Moisture Content

The natural moisture content will be determined by oven drying method. In this method a clean non-corrodible container is taken and its mass is found with its lid, on a balance accurate to 0.01g. A specimen of the moist soil is placed in the container and the lid is replaced. The mass of the container and the contents is determined. With the lid removed, the container is removed from the oven and allowed to cool in a desiccator. The lid is then placed, and mass of container and the dry soil is found.

Atterberg's Limits

These tests enable to ascertain the degree of consistency of a cohesive soil, which may be termed as soft, firm, stiff or hard. Most commonly used Atterberg's Limits are Liquid and Plastic Limits are expressed as percent water content. Liquid Limit:- The apparatus consist of a flat metal cup, mounted on an edge pivot; the cup initially rests on a hard rubber base. A mechanism enables the cup to be lifted to a height of 10mm and dropped onto the base. Some of the soil paste is placed in the cup, leveled off horizontally and divided by cutting a groove, on the diameter through the pivot of the cup, using a standard grooving tool. The two halves of the soil gradually flow together as cup is repeatedly dropped on to the base at a rate of two drops per second. The number of drops, or blows, required to close the bottom of the groove over a distance of 13mm is recorded. Repeated determination should be made until two successive determinations give the same number of blows. The water content of the soil in the cup is then determined. This test is also repeated at least four times, the

water content of the soil paste being increased for each test: the number of blows should be within the limits of 50 and 10. Water content is plotted points is drawn. For this test the liquid limit is defined as the water content as which 25 blows are required to close the bottom of the groove over a distance of 13mm.

Plastic Limit

For the determination of the plastic limit the test soil is mixed distilled water until it becomes sufficiently plastic to be molded into ball. Part of the soil sample is formed into a thread, approximately 6mm in diameter between the first finger and thumb of each hand. The thread, is then placed on a glass plate and rolled with the tips of the finger of one hand until its diameter is reduced to approximately 3mm: the rolling pressure must be uniform through the test. The thread is then remolded between the fingers (the water content being reduced by the heat of the finger) and the procedure is repeated until the thread of soil shears both longitudinally and transversely when it has been rolled to a diameter of 3mm. The procedure is repeated using three more parts of the sample and the percentage water content of all the crumbled soil is determined as a whole. This water content is defined as the plastic limit of the soil. The entire test is repeated using four other sub sample and the average taken of the two values of plastic limit: the test must be repeated if the two values differ by more than 0.5%.

Hydrometer Analysis

For fine-grained soil hydrometer analysis will have to be carried out for particle size analysis. This method is based on Stoke's Law who states that particles of different diameter settle in a liquid medium with different velocities. Thus particles of coarser diameter settle more quickly than particle of finer diameter. Applying Stoke's Law it is possible to calculate diameter of particles smaller than a certain 'size' D which settle a specified depth in a suspension of soil suspension. If after time t , the density of suspension is measured at the specified depth below the surface by using a hydrometer, the suspension of soil will contain only particles smaller than the 'size' D . With this observation it will be possible to obtained one set of data for particle size D and the percentage of particles finer than the diameter D , which enables to plot a point on Particle Size Distribution plot. If hydrometer readings are taken at different time intervals, a set data for various particles size and percentages of particles finer than certain particle sizes could be obtained and a complete Particle Size Distribution Curve can be plotted. Thus with help of sieve and hydrometer analysis it becomes possible to classify soil on the basis of particles size.

Bulk and Dry Density

Fill the measure to over flowing by means of a shovel or scoop discharging the aggregate from a height not to exceed 50 mm above the top of the measure.

Exercise care to prevent so far as possible segregation of the particle size of which the sample is composed. Level the surface of the aggregate with the fingers or a straightedge in such a way that any slight projections of the larger pieces of the coarse aggregate approximately balance the charge voids in the surface below the top of the measure.

Direct Shear Test

In this test the specimen will confine in a 60 cm square cross-section metal box split horizontally at mid-height. Solid metal plates will be placed at top and bottom of the specimen. A vertical force will be applied to the specimen through a loading plate and shear stress will be gradually applied on the horizontal plane by causing the two halves of the box to move relative to each other, the shear force being measured together with the corresponding shearing displacement. A numbers of identical specimens with different normal loads will be tested. The values of shear stresses at failure will be plotted against the corresponding normal stress for each test. The shear strength parameters are then obtained from the best line fitting the plotted points.

5.0 TEST RESULTS AND INTERPRETATIONS

The geological log incorporating various field and laboratory test results are presented in **Annexure 'A'**. A thorough perusal of the test results shows that on average, the hard soil strata comprised of *Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock*. In some stretch of river, mainly between BH-24 to BH-34, the sub soil below river bed comprised of grayish poorly graded fine sand, with thickness being in range of 0.8 to 3.00m.

By definition, *Clastic sedimentary rocks* are rocks composed predominantly of broken pieces or clasts of older weathered and eroded rocks. The hard strata as encountered below the river bed are composed of the solid products of weathering (gravel, sand, silt, and clay) cemented together by the dissolved weathering products and may be termed as Clastic (detrital) sedimentary rocks. The core pieces as obtained during the investigation, when hard rubbed in the water disintegrate in to the gravel, sand, silt, and clay. In the bore log, index properties as obtained by disintegration are shown as grain size distribution. The index and strength properties in the form of dry density, specific gravity point load test is also shown in bore log as performed on the core samples.

Based on the geological field logs and lab tests, estimation of quantity of hard/ soft strata by area & volume have been carried out to have Least Available Depth (LAD) of 2.50m with respect to average Least Water Level (LWL) of last 10 years. The calculation results' abstract is produced below and have been segregated by

chainage sections and depict the volume of dredging required to be done. Further detailed calculations based on sounding data from Hydrographic Survey conducted earlier by IWAI Varanasi has been enclosed at **Annexure 'B'**.

Details of quantity calculation for dredging of Hard & Soft - Strata at identified shallow patches in between Ghazipur to Varanasi stretch of NW-1						
Sl. No.	LOCATIONS	Chainage (in km)		Quantity to be dredged (in Cum)		
		From	To	for Hard Strata	for Soft Strata	Total
1	U/S Ghazipur Road Bridge	1178.72	1177.65	103278.80	0	103278.80
2	Gopalpur to U/S Saidpur Pump House	1259.00	1257.19	147576.90	0	147576.90
3	Saidpur Pump House to U/S Saidpur Road Bridge	1255.70	1254.59	90835.70	0	90835.70
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Total				802585.53	278281.52	1080867.05
<p>☞ Quantity calculated based on the 'Area calculation by Simpson rule' & volume calculation by Trapezoidal Rule'.</p> <p>☞ The quantity calculated on basis of reduced hydrographic survey charts received from IWAI Varanasi office .</p> <p>☞ Side slope is being considered as 1V : 1H</p> <p>☞ Width of dredging is 45m</p> <p>☞ Depth of cut is considered (+) 2.5m with respect to average LWL of last 10 year.</p>						

The soil parameter are based on the soil samples collected from the limited test locations. In case, the actual subsoil conditions varied during the excavation for various foundation are found to be different from what has been reported, the consultants are to be referred for further advice prior to taking up to actual construction work at site.

Details of Hard & Soft Strata in each borehole is tabulated below:

Sl. No.	Locations	Chainage (in km)		Borehole No.	Starting Depth of Soft Strata from bed (in Mtrs)		Starting Depth of Hard Strata from bed (in Mtrs.)	
		From	To		From	To	From	To
1	U/S Ghazipur Road Bridge	1178.72	1177.65	BH54	-	-	0.00	4.00
				BH55	-	-	0.00	4.00
				BH56	-	-	0.00	4.00
				BH57	-	-	0.00	4.00
2	Gopalpur to U/S Saidpur Pump House	1259.00	1257.19	BH1	-	-	0.00	4.00
				BH2	-	-	0.00	4.00
				BH3	-	-	0.00	4.00
				BH4	-	-	0.00	4.00
				BH5	-	-	0.00	4.00
				BH6	-	-	0.00	4.00
				BH7	-	-	0.00	4.00
				BH8	-	-	0.00	4.00
				BH9	-	-	0.00	4.00
				BH10	-	-	0.00	4.00
3	Saidpur Pump House to U/S Saidpur Road Bridge	1255.70	1254.59	BH11	-	-	0.00	4.00
				BH12	-	-	0.00	4.00
				BH13	-	-	0.00	4.00
				BH14	-	-	0.00	4.00
				BH15	-	-	0.00	4.00
4	D/S Saidpur Road Bridge to U/S Phulwariya Ghat	1254.00	1251.10	BH16	-	-	0.00	4.00
				BH17	-	-	0.00	4.00
				BH18	-	-	0.00	4.00
				BH19	-	-	0.00	4.00
				BH20	-	-	0.00	4.00
				BH21	-	-	0.00	4.00
				BH22	-	-	0.00	4.00
				BH23	-	-	0.00	4.00

5	D/S Ramghat to D/S Chakeri	1249.60	1242.06	BH24	0.00	2.40	2.40	4.00
				BH25	0.00	2.50	2.50	4.00
				BH26	0.00	2.80	2.80	4.00
				BH27	0.00	2.85	2.85	4.00
				BH28	0.00	3.00	3.00	4.00
				BH29	0.00	2.50	2.50	4.00
				BH30	0.00	2.20	2.20	4.00
				BH31	0.00	2.00	2.00	4.00
				BH32	0.00	2.10	2.10	4.00
				BH33	0.00	2.00	2.00	4.00
				BH34	0.00	2.15	2.15	4.00
				BH35	0.00	0.80	0.80	4.00
				BH36	-	-	0.00	4.00
				BH37	-	-	0.00	4.00
				BH38	-	-	0.00	4.00
				BH39	-	-	0.00	4.00
				BH40	-	-	0.00	4.00
				BH41	-	-	0.00	4.00
				BH42	0.00	0.80	0.80	4.00
				BH43	-	-	0.00	4.00
				BH44	-	-	0.00	4.00
				BH45	0.00	1.00	1.00	4.00
				BH46	-	-	0.00	4.00
				BH47	0.00	2.00	2.00	4.00
				BH48	-	-	0.00	4.00
				BH49	0.00	2.80	2.80	4.00
				BH50	0.00	1.90	1.90	4.00
				BH51	0.00	4.00	-	-
				BH52	0.00	4.00	-	-
				BH53	0.00	4.00	-	-



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°31'20.0698"N
83°10'49.4328"E

REDUCED MIN. WATER DEPTH
1.4m

DEPTH
4.00 m

DATE
05.12.2019

WATER DEPTH
3.30 m

LOCATION
Near Saidpur

BORE HOLE
BH-B2

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES Recorded _____ Corrected _____ 20 40 60 80	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE ϕ	VOID RATIO e_0	COMPRESSION INDEX C_c	SWELLING PRESSURE (Kg/cm ²)
								Hardness index $H_g = 2$					2.15 2.04		5.3	2.72				Porosity = 0.25			Point Load Strength = 14 kg/cm ²		
DS SPT UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (with sand etc.) soft rock	32		24 61 12 3																			
			Light grey detrital / clastic sedimentary calcareous (along with clay etc.) medium hard rock	>100		35 48 14 3																			
			Hard strata			Hardness index $H_g = 4$																			
						Core recovery = 11%																			

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°31'22.3944"N
83°10'52.2398"E

REDUCED MIN. WATER DEPTH
1.2m

DEPTH
4.00 m

DATE
06.12.2019

WATER DEPTH
3.25 m

LOCATION
Near Saidpur

BORE HOLE
BH-B3

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e _v	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm²)
DS SPT UDS CORE	1.0	[Red hatched pattern]	Light grey detrital / clastic sedimentary calcareous (with sand etc.) soft rock	31			32	47	18	3															
	2.0						35	23	33	9															
SPT CORE	3.0	[Red hatched pattern]	Light grey detrital / clastic sedimentary calcareous (along with clay etc.) medium hard rock	>100			32	47	18	3					2.12	2.01	5.3	2.71							
	4.0						35	23	33	9															
	5.0		Hard strata																						
	6.0																								
	7.0																								
	8.0																								
	9.0																								
	10.0																								
	11.0																								
	12.0																								
	13.0																								
	14.0																								
	15.0																								

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°31'25.9459"N
83°10'52.6582"E

REDUCED MIN. WATER DEPTH
2.4m

DEPTH
4.00 m

DATE
04.12.2019

WATER DEPTH
3.00 m

LOCATION
Near Saidpur

BORE HOLE
BH-B4

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE ϕ	VOID RATIO e_0	COMPRESSION INDEX C_c
DS SPT UDS CORE	1.0 2.0	[Red hatched pattern]	Light grey detrital / clastic sedimentary calcareous (with sand etc.) soft rock	30			29	45	23	3														
SPT CORE	3.0 4.0		Light grey detrital / clastic sedimentary calcareous (along with clay etc.) medium hard rock	>100			Hardness index $H_g = 4$ Core recovery = 9%								2.13	2.04	4.6	2.71				Porosity = 0.25 Point Load Strength = 17 kg/cm ²		
	5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Hard strata																					

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																						
		25°31'29.6068"N 83°10'57.2517"E	1.4m	4.00 m	08.12.2019	2.50 m	Near Saidpur	BH-B5	'A'																						
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.								
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)						
DS SPT UDS CORE SPT CORE	1.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock	>100						21	59	14	6																		
	2.0																														
3.0																															
4.0																															
	5.0		Hard strata																												
	6.0																														
	7.0																														
	8.0																														
	9.0																														
	10.0																														
	11.0																														
	12.0																														
	13.0																														
	14.0																														
	15.0																														

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

* Wet Sieving
 Hardness index H_g = 4
 Core recovery = 11%

2.12 2.03 4.6 2.70
 Slake durability = 15%
 Porosity = 0.25
 Point Load Strength = 12 kg/cm²



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°31'44.0000"N
83°41'07.5626"E

REDUCED MIN. WATER DEPTH
1.1m

DEPTH
4.00 m

DATE
09.12.2019

WATER DEPTH
2.65 m

LOCATION
Near Saidpur

BORE HOLE
BH-B6

ANNEXURE
'A'



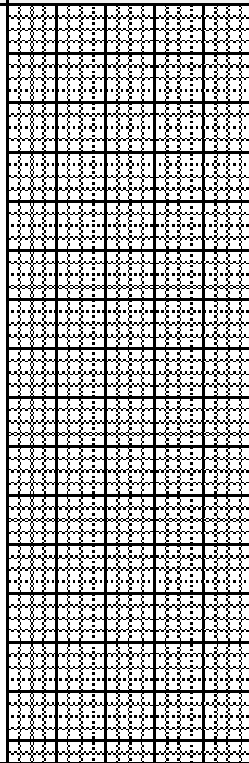
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.				
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e _v	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)		
DS SPT UDS CORE SPT CORE	1.0	[Red hatched pattern]	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock	>100			29	32	31	8																	
	2.0																										
3.0																											
4.0																											
	5.0		Hard strata																								
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

* Wet Sieving
Hardness index Hg = 4
Core recovery = 8%

2.13 2.03 4.7 2.73
Slake durability = 15%
Porosity = 0.26
Point Load Strength = 15 kg/cm²

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

		Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE 25°31'53.8356"N 83°41'13.2586"E	REDUCED MIN. WATER DEPTH 0.8m	DEPTH 4.00 m	DATE 10.12.2019	WATER DEPTH 2.10 m	LOCATION Near Saidpur	BORE HOLE BH-B7	ANNEXURE 'A'																
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT			DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ				VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS SPT UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100	>100	18 33 Hardness index H _g = 4 Core recovery = 14%	49 28	26 29	7 10 * Wet Sieving						2.14 2.05	2.05 4.5 2.72	4.5 2.72	2.72				Porosity = 0.25 Point Load Strength = 11 kg/cm ²					

 		Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)				COORDINATE 25°31'58.4507"N 83°11'19.9863"E	REDUCED MIN. WATER DEPTH 1.2m	DEPTH 4.00 m	DATE 11.12.2019	WATER DEPTH 2.70 m	LOCATION Near Saidpur	BORE HOLE BH-B8	ANNEXURE 'A'											
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e _v	COMPRESSION INDEX C _c
DS SPT UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100	>100		21	29	41	9														

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

Recorded _____
 Corrected _____
 20 40 60 80

Hardness index Hg = 4
 Core recovery = 14%

Bulk Density = 2.16
 Dry Density = 2.07
 Natural Moisture Contents = 4.3
 Specific Gravity = 2.70
 Slake durability = 21%

Porosity = 0.23
 Point Load Strength = 18 kg/cm²

TYPE OF SAMPLES		DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION		SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		SWELLING PRESSURE (Kg/cm ²)								
						RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c													
DS	SPT	1.0	[Red pattern]	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock	Hard strata	>100	[Graph grid]	23	32	35	10					2.17	2.08	4.3	2.70	Porosity = 0.23	Point Load Strength = 12 kg/cm ²																	
SPT	UDS	2.0				>100		29	32	26	13																			* Wet Sieving								
CORE	SPT	3.0						Hardness index Hg = 4																														
CORE		4.0						Core recovery = 13%																							Slake durability = 19%							
		5.0																																				
		6.0																																				
		7.0																																				
		8.0																																				
		9.0																																				
		10.0																																				
		11.0																																				
		12.0																																				
		13.0																																				
		14.0																																				
		15.0																																				



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°32'03.2619"N
83°41'21.1559"E

REDUCED MIN. WATER DEPTH
1.8m

DEPTH
4.00 m

DATE
11.12.2019

WATER DEPTH
4.10 m

LOCATION
Near Saidpur

BORE HOLE
BH-B9

ANNEXURE
'A'

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
 25°32'04.6831"N
 83°12'06.0914"E

REDUCED MIN. WATER DEPTH
 2.2m

DEPTH
 4.00 m

DATE
 18.12.2019

WATER DEPTH
 3.80 m

LOCATION
 Near Saidpur

BORE HOLE
 BH-B11

ANNEXURE
 'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERG'S LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.																		
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)																
DS SPT UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock	>100	>100	<div style="text-align: center;"> Recorded Corrected </div>	18	42	27	13																															
			Hard strata			<p style="text-align: center;"> Hardness index H_g = 4 Core recovery = 12% </p>								2.11	2.01	4.8	2.73																								

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

Porosity = 0.26
 Slake durability = 10%
 Point Load Strength = 11 kg/cm²

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																				
		25°32'05.3079"N 83°12'25.6084"E	2.6m	4.00 m	20.12.2019	3.70 m	Near Saidpur	BH-B13	'A'																				
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.						
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)				
DS SPT	1.0	[Red pattern]	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100			23	32	36	9																			
UDS	2.0																												
CORE	3.0																												
SPT CORE	4.0																												
	5.0																												
	6.0																												
	7.0																												
	8.0																												
	9.0																												
	10.0																												
	11.0																												
	12.0																												
	13.0																												
	14.0																												
	15.0																												

* Wet Sieving

Hardness index Hg = 4

Core recovery = 21%

2.15 2.06 4.5 2.73

Slake durability = 25%

Porosity = 0.25

Point Load Strength = 17 kg/cm²

SPT Standard Penetration test

UDS Undisturbed sample

DS Disturbed sample

DS* Direct shear Test (Remolded sample)

TT Triaxial test



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°32'02.4238"N
83°12'30.0643"E

REDUCED MIN. WATER DEPTH
2.4m

DEPTH
4.00 m

DATE
21.12.2019

WATER DEPTH
4.20 m

LOCATION
Near Saidpur

BORE HOLE
BH-B14


ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES Recorded Corrected	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.				
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)		
DS	1.0	[Red hatched pattern]	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100			29	29	32	10																	
SPT	2.0								38	28	21	13															
UDS	3.0					>100			Hardness index H _g = 4				2.21	2.13	4.0	2.72											
CORE	4.0								Core recovery = 12%																		
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										



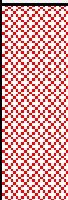
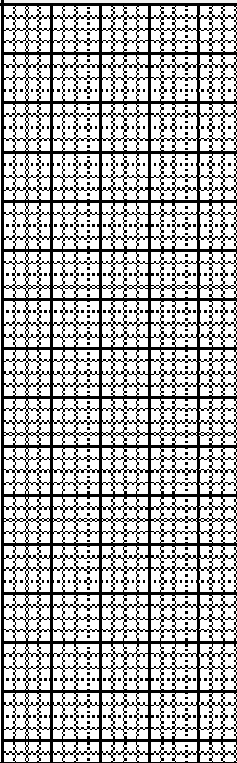
SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Porosity = 0.22
Point Load Strength = 18 kg/cm²

Slake durability = 19%



		Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE 25°32'00.8106"N 83°12'47.5892"E	REDUCED MIN. WATER DEPTH 2.5m	DEPTH 4.00 m	DATE 22.12.2019	WATER DEPTH 4.80 m	LOCATION Near Saidpur	BORE HOLE BH-B15	ANNEXURE 'A'																
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.				
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)		
DS	1.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata			Recorded _____ Corrected _____ 20 40 60 80	29	27	34	10																	
UDS	2.0										32	29	31	8													
CORE	3.0											Hardness index H _g = 4				2.18	2.09	4.3	2.73				Porosity =	0.23			
SPT CORE	4.0									>100		Core recovery = 18%												Slake durability = 19%		Point Load Strength = 12 kg/cm ²	
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

 		Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE 25°31'53.2219"N 83°13'24.1922"E		REDUCED MIN. WATER DEPTH 2.2m		DEPTH 4.00 m		DATE 23.12.2019		WATER DEPTH 3.60 m		LOCATION Near Saidpur		BORE HOLE BH-B16		ANNEXURE 'A'																	
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION		SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)		SPECIFIC GRAVITY		FREE SWELLING		SHEAR PARAMETER			CONSOLIDATION PARAMTR.					
			RECORDED	CORRECTED	Recorded	Corrected	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY													VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)				
DS	1.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock		>100		31	34	28	7																									
UDS	2.0								35	32	23	10																							
CORE	3.0								Hardness index H _g = 4							2.18	2.09	4.2	2.71										Porosity =	0.23					
SPT CORE	4.0		Hard strata						Core recovery = 11%																										
	5.0																																		
	6.0																																		
	7.0																																		
	8.0																																		
	9.0																																		
	10.0																																		
	11.0																																		
	12.0																																		
	13.0																																		
	14.0																																		
	15.0																																		

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

Slake durability = 12%
 Point Load Strength = 19 kg/cm²

 		Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)			COORDINATE 25°31'51.4052"N 83°13'31.0322"E	REDUCED MIN. WATER DEPTH 2.4m	DEPTH 4.00 m	DATE 23.12.2019	WATER DEPTH 4.20 m	LOCATION Near Saidpur	BORE HOLE BH-B17	ANNEXURE 'A'																										
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.												
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)														
DS	1.0	Hard strata	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100	Recorded _____ Corrected _____ 20 40 60 80				29	34	29	8	* Wet Sieving																									
UDS	2.0				34	34	28	4																														
CORE	3.0				Hardness index Hg = 4 Core recovery = 12%				2.16	2.07	4.4	2.73																				Slake durability = 18%			Porosity = 0.24		Point Load Strength = 12 kg/cm ²	
SPT CORE	4.0																																					
	5.0																																					
	6.0																																					
	7.0																																					
	8.0																																					
	9.0																																					
	10.0																																					
	11.0																																					
	12.0																																					
	13.0																																					
	14.0																																					
	15.0																																					

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

		Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)			COORDINATE 25°31'51.9362"N 83°13'35.1080"E		REDUCED MIN. WATER DEPTH 2.2m		DEPTH 4.00 m		DATE 24.12.2019		WATER DEPTH 3.80 m		LOCATION Near Saidpur		BORE HOLE BH-B18		ANNEXURE 'A'									
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERG'S LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		SWELLING PRESSURE (Kg/cm²)
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm²)	FRICITION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c					
DS	1.0	[Red hatched box]	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100	<p>Recorded _____</p> <p>Corrected _____</p> <p>20 40 60 80</p>	29	32	29	10	* Wet Sieving Hardness index Hg = 4 Core recovery = 12%					2.21	2.13	3.9	2.71	Porosity = 0.21	Point Load Strength = 22 kg/cm²								
UDS	2.0																											
CORE	3.0																											
SPT CORE	4.0																											
	5.0																											
	6.0																											
	7.0																											
	8.0																											
	9.0																											
	10.0																											
	11.0																											
	12.0																											
	13.0																											
	14.0																											
	15.0																											

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°31'39.8069"N 83°14'10.2187"E	2.4m	4.00 m	24.12.2019	4.90 m	Near Saidpur	BH-B19	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100		28 39	28 21	36 29	8 11						2.19 2.10	2.10 2.00	4.2 2.73						Porosity = 0.23 Point Load Strength = 23 kg/cm ²				
				Recorded _____ Corrected _____ 20 40 60 80				* Wet Sieving				Hardness index Hg = 4 Core recovery = 18%		Slake durability = 19%		SPT Standard Penetration test UDS Undisturbed sample DS Disturbed sample DS* Direct shear Test (Remolded sample) TT Triaxial test											

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																										
		25°31'33.0971"N 83°14'21.5585"E	2.2m	4.00 m	25.12.2019	3.70 m	Near Saidpur	BH-B20	'A'																										
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.									
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm²)											
DS	1.0	[Red hatched pattern]	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata			29	32	29	10																										
UDS	2.0																																		
CORE	3.0																																		
SPT CORE	4.0																																		
	5.0																																		
	6.0																																		
	7.0																																		
	8.0																																		
	9.0																																		
	10.0																																		
	11.0																																		
	12.0																																		
	13.0																																		
	14.0																																		
	15.0																																		

Recorded
Corrected

20 40 60 80

* Wet Sieving

Hardness index Hg = 4

Core recovery = 18%

2.21 2.13 4.0 2.72

Slake durability = 16%

Porosity = 0.22

Point Load Strength = 16 kg/cm²



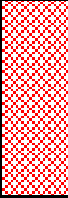
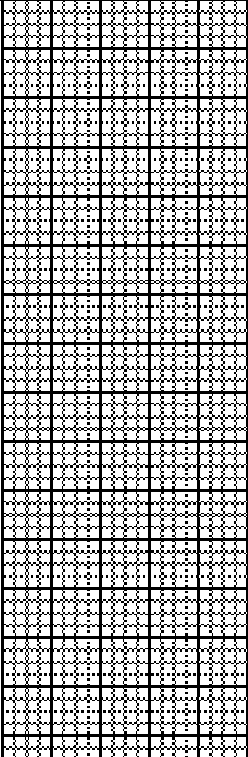
SPT Standard Penetration test

UDS Undisturbed sample

DS Disturbed sample

DS* Direct shear Test (Remolded sample)

TT Triaxial test

 			Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)				COORDINATE 25°31'31.4477"N 83°14'26.5369"E		REDUCED MIN. WATER DEPTH 1.3m		DEPTH 4.00 m		DATE 25.12.2019		WATER DEPTH 3.60 m		LOCATION Near Saidpur		BORE HOLE BH-B21		ANNEXURE 'A'									
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION		SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.			
			RECORDED	CORRECTED	Recorded	Corrected	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)					
DS UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock		>100					28	27	32	13																	
			Hard strata							* Wet Sieving Hardness index H _g = 4 Core recovery = 14%																				

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

Porosity = 0.24
 Point Load Strength = 14 kg/cm²

2.15 2.06 4.5 2.72
 Slake durability = 12%

		Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE		REDUCED MIN. WATER DEPTH		DEPTH		DATE		WATER DEPTH		LOCATION		BORE HOLE		ANNEXURE																					
				25°31'29.6943"N 83°14'31.9629"E		3.5m		4.00 m		25.12.2019		3.90 m		Near Saidpur		BH-B22		'A'																					
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.													
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)															
DS UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100		24	32	32	12																														

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Hardness index Hg = 4
Core recovery = 12%

2.13 2.04 4.6 2.72
Slake durability = 19%

Porosity = 0.25
Point Load Strength = 11 kg/cm²

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE 25°31'25.3946"N 83°14'37.5127"E	REDUCED MIN. WATER DEPTH 2.6m	DEPTH 4.00 m	DATE 26.12.2019	WATER DEPTH 3.90 m	LOCATION Near Saidpur	BORE HOLE BH-B23	ANNEXURE 'A'																			
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm²)				
DS UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100		29 34	32 22	26 29	13 15							2.16 2.07	2.07	4.4	2.72					Porosity = 0.24 Point Load Strength = 16 kg/cm²				
<p>* Wet Sieving</p> <p>Hardness index Hg = 4</p> <p>Core recovery = 14%</p> <p>Slake durability = 18%</p> <p>SPT Standard Penetration test UDS Undisturbed sample DS Disturbed sample DS* Direct shear Test (Remolded sample) TT Triaxial test</p>																												

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°31'11.9041"N 83°15'17.3092"E	2.6m	4.00 m	26.12.2019	6.80 m	Near Saidpur	BH-B24	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS	1.0	2.40	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded _____ Corrected _____ 20 40 60 80				0	89	11	0	Non-Plastic								DS*	0.00	33				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock		5	85	10	0	Non-Plastic				1.92	1.62	18.8	2.65	DS*	0.00	34								
DS	3.0																										
SPT CORE	4.0		Hard strata																								
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

Hardness index H_g = 4
 Core recovery = 18%

Slake durability = 14%

Point Load Strength = 17 kg/cm²

Porosity = 0.23

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°31'00.5696"N 83°15'41.1378"E	3.5m	4.00 m	26.12.2019	7.30 m	Near Saidpur	BH-B25	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS	1.0	2.50	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded Corrected	2	87	11	0	Non-Plastic				1.94	1.64	18.2	2.65	DS*	0.00	31	Porosity = 0.24	Point Load Strength = 21 kg/cm ²					
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock			3	88	9	0	Non-Plastic				2.16	2.07	4.4	2.71	DS*	0.00	32							
DS	3.0	Hard strata				Hardness index H _g = 4										Slake durability = 8%											
SPT CORE	4.0					Core recovery = 11%																					
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°30'57.0000"N 83°15'47.9076"E	3.5m	4.00 m	27.12.2019	5.50 m	Near Saidpur	BH-B26	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	VOID RATIO e _v	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	COMPRESSION INDEX C _c				SWELLING PRESSURE (Kg/cm ²)				
DS	1.0	2.80	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded _____ Corrected _____ 20 40 60 80	4	86	10	0	Non-Plastic								2.65		DS*	0.00	32					
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock			3	88	9	0	Non-Plastic				1.92	1.66	15.4	2.65			DS*	0.00	35					
DS	3.0					Hardness index Hg = 4																					
SPT CORE	4.0					Hard strata																					
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

Slake durability = 13%

Porosity = 0.25

Point Load Strength = 14 kg/cm²



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°30'56.8055"N
83°15'54.6070"E

REDUCED MIN. WATER DEPTH
2.6m

DEPTH
4.00 m

DATE
27.12.2019

WATER DEPTH
5.40 m

LOCATION
Near Saidpur

BORE HOLE
BH-B27

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)
DS	1.0	2.85	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	20 40 60 80	2	92	6	0	Non-Plastic							2.65		DS*	0.00	34				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock			4	87	9	0	Non-Plastic				1.94	1.63	18.8	2.64	DS*	0.00	35					
DS	3.0					Hardness index H _g = 4																			
SPT CORE	4.0					Hard strata																			
	5.0																								
	6.0																								
	7.0																								
	8.0																								
	9.0																								
	10.0																								
	11.0																								
	12.0																								
	13.0																								
	14.0																								
	15.0																								

SPT Standard Penetration test

UDS Undisturbed sample

DS Disturbed sample

DS* Direct shear Test (Remolded sample)

TT Triaxial test

Hardness index H_g = 4
Core recovery = 11%

Slake durability = 13%

Porosity = 0.26
Point Load Strength = 14 kg/cm²



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°30'56.8894"N
83°15'58.5899"E

REDUCED MIN. WATER DEPTH
2.30m

DEPTH
4.00 m

DATE
27.12.2019

WATER DEPTH
5.30 m

LOCATION
Near Saidpur

BORE HOLE
BH-B28

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.			
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)	
DS	1.0	3.00	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded Corrected		2	86	12	0	Non-Plastic									DS*	0.00	31				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock				3	88	9	0	Non-Plastic				1.91	1.60	19.3	2.67	DS*	0.00	33					
DS	3.0						Hardness index H _g = 4																			
SPT CORE	4.0		Hard strata				Core recovery = 7%																			
	5.0																									
	6.0																									
	7.0																									
	8.0																									
	9.0																									
	10.0																									
	11.0																									
	12.0																									
	13.0																									
	14.0																									
	15.0																									

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Slake durability = 6%
Porosity = 0.25
Point Load Strength = 9 kg/cm²



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°30'48.4424"N
83°16'08.5847"E

REDUCED MIN. WATER DEPTH
2.2m

DEPTH
4.00 m

DATE
28.12.2019

WATER DEPTH
5.30 m

LOCATION
Near Saidpur

BORE HOLE
BH-B29

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS	1.0	2.50	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded Corrected	20 40 60 80	0	92	8	0	Non-Plastic				2.15	2.06	4.5	2.73	2.65	DS*	0.00	34	Porosity = 0.25 Point Load Strength = 12 kg/cm ²				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock				0	89	11	0	Non-Plastic				1.94	1.63	18.8	2.65	DS*	0.00	33						
DS	3.0		Hard strata				Hardness index H _g = 4 Core recovery = 9%	Slake durability = 12%																			
SPT CORE	4.0																										
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°30'51.1977"N 83°16'16.9732"E	1.3m	4.00 m	28.12.2019	6.10 m	Near Saidpur	BH-B30	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	VOID RATIO e ₀	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	COMPRESSION INDEX C _c				SWELLING PRESSURE (Kg/cm ²)				
DS	1.0	2.20	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded Corrected	20 40 60 80	0	91	9	0	Non-Plastic				1.92	1.63	17.6	2.65	DS*	0.00	32	Porosity = 0.25	Point Load Strength = 12 kg/cm ²				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock				3	88	9	0	Non-Plastic				2.12	2.03	4.7	2.72	DS*	0.00	33						
DS	3.0		Hard strata				Hardness index Hg = 4								Slake durability = 12%												
SPT CORE	4.0			Core recovery = 7%																							
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°30'45.5723"N
83°16'15.4244"E

REDUCED MIN. WATER DEPTH
2.3m

DEPTH
4.00 m

DATE
28.12.2019

WATER DEPTH
4.00 m

LOCATION
Near Saidpur

BORE HOLE
BH-B31

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.			
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)	
DS	1.0	2.00	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	20 40 60 80	1	91	8	0	Non-Plastic										DS*	0.00	32				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock			3	88	9	0	Non-Plastic				1.91	1.61	18.8	2.65				DS*	0.00	33			
CORE	3.0					Hardness index H _g = 4																				
SPT CORE	4.0		Hard strata			Core recovery = 9%																				
	5.0																									
	6.0																									
	7.0																									
	8.0																									
	9.0																									
	10.0																									
	11.0																									
	12.0																									
	13.0																									
	14.0																									
	15.0																									

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Slake durability = 12%
Porosity = 0.25
Point Load Strength = 15 kg/cm²

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°30'42.7088"N 83°16'21.8366"E	2.6m	4.00 m	29.12.2019	4.20 m	Near Saidpur	BH-B32	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS	1.0	2.10	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded _____ Corrected _____ 20 40 60 80				0	91	9	0	Non-Plastic								DS*	0.00	34				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock		3	89	8	0	Non-Plastic				1.95	1.64	18.9	2.66	DS*	0.00	32								
CORE	3.0				Hardness index H _g = 4									2.21	2.06	7.1	2.72										
SPT CORE	4.0				Core recovery = 6%																						
	5.0		Hard strata																								
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Slake durability = 7%
Porosity = 0.24
Point Load Strength = 12 kg/cm²

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°30'38.4060"N 83°16'27.9659"E	2.8m	4.00 m	29.12.2019	4.30 m	Near Saidpur	BH-B33	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	VOID RATIO e ₀	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	COMPRESSION INDEX C _c				SWELLING PRESSURE (Kg/cm ²)				
DS	1.0	2.00	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded _____ Corrected _____ 20 40 60 80				2	88	10	0	Non-Plastic								DS*	0.00	33				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock		3	88	9	0	Non-Plastic				1.91	1.61	18.7	2.65	DS*	0.00	35								
CORE	3.0				Hardness index H _g = 4									2.19	2.04	7.4	2.72										
SPT CORE	4.0				Core recovery = 8%									Slake durability = 12%													
	5.0		Hard strata																								
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Point Load Strength = 12 kg/cm²

Porosity = 0.25

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°30'34.3555"N 83°16'35.1412"E	1.8m	4.00 m	29.12.2019	3.60 m	Near Saidpur	BH-B34	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS	1.0	2.15	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded _____ Corrected _____ 20 40 60 80				0	91	9	0	Non-Plastic								DS*	0.00	33				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock		3	89	8	0	Non-Plastic				1.91	1.61	18.8	2.66	DS*	0.00	35								
DS	3.0				Hardness index H _g = 4																						
SPT CORE	4.0				Core recovery = 9%																						
	5.0		Hard strata																								
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Slake durability = 12%
Porosity = 0.25
Point Load Strength = 11 kg/cm²



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°30'25.5006"N
83°16'45.8002"E

REDUCED MIN. WATER DEPTH
1.6m

DEPTH
4.00 m

DATE
30.12.2019

WATER DEPTH
4.20 m



LOCATION
Near Saidpur

BORE HOLE
BH-B35

ANNEXURE
'A'

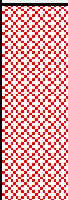
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS	1.0	0.80	Grayish poorly graded fine sand (SP-SM) Soft strata			2	91	7	0	Non-Plastic								2.65		DS*	0.00	33					
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock			34	24	35	7																		
CORE	3.0					Hardness index Hg = 4								2.15	2.06	4.4	2.71						Porosity =	0.24			
SPT CORE	4.0		Hard strata		>100	Core recovery = 14%																				Point Load Strength = 14 kg/cm ²	
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										



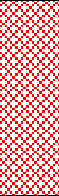
SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

 			Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE 25°30'27.8381"N 83°16'53.4278"E		REDUCED MIN. WATER DEPTH 0.0m		DEPTH 4.00 m		DATE 30.12.2019		WATER DEPTH 3.90 m			LOCATION Near Saidpur		BORE HOLE BH-B36		ANNEXURE 'A'													
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION		SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)		SPECIFIC GRAVITY		FREE SWELLING			SHEAR PARAMETER			CONSOLIDATION PARAMTR.		SWELLING PRESSURE (Kg/cm ²)
					RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE											
DS UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata		Recorded _____ Corrected _____ 20 40 60 80		27 31 28 14 * Wet Sieving				LIQUID LIMIT _____ PLASTIC LIMIT _____ PLASTIC INDEX _____ SHRINKAGE LIMIT _____				2.18 2.07		5.1 2.71		Slake durability = 16%			Porosity = 0.24 Point Load Strength = 17kg/cm ²											
		>100					Hardness index Hg = 4 Core recovery = 18%								BULK DENSITY _____ DRY DENSITY _____		NATURAL MOISTURE CONTENTS (%) _____ SPECIFIC GRAVITY _____ FREE SWELLING _____					TYPE OF TEST _____ COHESION C (Kg/cm ²) _____ FRICTION ANGLE φ _____ VOID RATIO e ₀ _____ COMPRESSION INDEX C _c _____ SWELLING PRESSURE (Kg/cm ²) _____											
SPT Standard Penetration test UDS Undisturbed sample DS Disturbed sample DS* Direct shear Test (Remolded sample) TT Triaxial test																																	

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE 25°30'25.5509"N 83°17'02.7702"E		REDUCED MIN. WATER DEPTH 4.00 m 1.3m		DEPTH 4.00 m		DATE 31.12.2019		WATER DEPTH 3.00 m		LOCATION Near Saidpur		BORE HOLE BH-B38		ANNEXURE 'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)		SPECIFIC GRAVITY		FREE SWELLING		SHEAR PARAMETER			CONSOLIDATION PARAMTR.		SWELLING PRESSURE (Kg/cm ²)			
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c														
DS UDS CORE SPT CORE	1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100		29 29	32 37	27 24	12 10							2.20 2.07	2.07 2.70	6.0 2.70	2.70															
				Recorded _____ Corrected _____ 20 40 60 80																														
				Hardness index Hg = 4 Core recovery = 14%																														
				Slake durability = 17%																														
				Porosity = 0.23 Point Load Strength = 17 kg/cm ²																														
				SPT Standard Penetration test UDS Undisturbed sample DS Disturbed sample DS* Direct shear Test (Remolded sample) TT Triaxial test																														

TYPE OF SAMPLES		DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.														
					RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	COHESION C (Kg/cm ²)	FRICTION ANGLE ϕ	VOID RATIO e_0	COMPRESSION INDEX C_c				SWELLING PRESSURE (Kg/cm ²)																	
DS	UDS	1.0	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock	Hard strata	>100	Recorded Corrected 20 40 60 80	28	32	29	11	* Wet Sieving				2.16	2.07	4.6	2.74	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	Slake durability = 19%	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test															
CORE	3.0	32					24	32	12	Hardness index Hg = 4				Slake durability = 19%													Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test								
SPT CORE	4.0	Core recovery = 12%									Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²																					SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test			
	5.0																																						Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²
	6.0									Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																								
	7.0																	Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																
	8.0									Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																								
	9.0																	Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																
	10.0									Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																								
	11.0																	Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																
	12.0									Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																								
	13.0																	Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																
	14.0									Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																								
	15.0																	Slake durability = 19%	Porosity = 0.24	Point Load Strength = 21 kg/cm ²	SPT Standard Penetration test	UDS Undisturbed sample	DS Disturbed sample	DS* Direct shear Test (Remolded sample)	TT Triaxial test																

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																						
		25°29'58.4119"N 83°17'24.5562"E	1.8m	4.00 m	03.01.2020	4.20 m	Near Saidpur	BH-B41	'A'																						
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.					
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE ϕ	VOID RATIO e_0				COMPRESSION INDEX C_c	SWELLING PRESSURE (Kg/cm ²)							
DS	1.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100	>100	31	23	39	7	* Wet Sieving Hardness index $H_g = 4$ Core recovery = 12%																					
UDS	2.0																														
CORE	3.0																														
SPT CORE	4.0																														
	5.0																														
	6.0																														
	7.0																														
	8.0																														
	9.0																														
	10.0																														
	11.0																														
	12.0																														
	13.0																														
	14.0																														
	15.0																														

 		Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)			COORDINATE 25°29'53.2173"N 83°17'32.2447"E	REDUCED MIN. WATER DEPTH 1.8m	DEPTH 4.00 m	DATE 05.01.2020	WATER DEPTH 4.35 m	LOCATION Near Saidpur	BORE HOLE BH-B43	ANNEXURE 'A'																											
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		SWELLING PRESSURE (Kg/cm ²)											
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c																
DS	1.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata			28	34	28	10																														
UDS	2.0						36	21	37	6																													
CORE	3.0						>100																																
SPT CORE	4.0																																						
	5.0																																						
	6.0																																						
	7.0																																						
	8.0																																						
	9.0																																						
	10.0																																						
	11.0																																						
	12.0																																						
	13.0																																						
	14.0																																						
	15.0																																						

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

* Wet Sieving
Hardness index Hg = 4
Core recovery = 12%

Bulk Density = 2.15, Dry Density = 2.06, Natural Moisture Contents = 4.4%, Specific Gravity = 2.71
Slake durability = 13%
Porosity = 0.24
Point Load Strength = 13 kg/cm²



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°29'46.5816"N
83°17'41.6928"E

REDUCED MIN. WATER DEPTH
0.6m

DEPTH
4.00 m

DATE
06.01.2020

WATER DEPTH
3.35 m

LOCATION
Near Saidpur

BORE HOLE
BH-B45

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION		SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.														
			RECORDED	CORRECTED	Recorded Corrected	20 40 60 80	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE ϕ	VOID RATIO e_0				COMPRESSION INDEX C_c	SWELLING PRESSURE (Kg/cm ²)																
DS	1.0	1.00	Grayish poorly graded fine sand (SP-SM) Soft strata		>100	20 40 60 80	4	87	9	0																															
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock						28	31	32	9																													
CORE	3.0						Hardness index $H_g = 4$							2.20	2.07	6.0	2.70																								
SPT CORE	4.0		Hard strata				Core recovery = 11%																																		
	5.0																																								
	6.0																																								
	7.0																																								
	8.0																																								
	9.0																																								
	10.0																																								
	11.0																																								
	12.0																																								
	13.0																																								
	14.0																																								
	15.0																																								

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Porosity = 0.23
Slake durability = 12%
Point Load Strength = 11 kg/cm²

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE 25°29'36.1227"N 83°17'52.1060"E		REDUCED MIN. WATER DEPTH 1.6m	DEPTH 4.00 m	DATE 07.01.2020	WATER DEPTH 3.90 m		LOCATION Near Saidpur	BORE HOLE BH-B46	ANNEXURE 'A'																																										
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.																											
				RECORDED	CORRECTED	Recorded _____ Corrected _____ 20 40 60 80				GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e₀	COMPRESSION INDEX Cc	SWELLING PRESSURE (Kg/cm²)																									
DS	1.0	Hard strata	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock	>100		27	31	32	10																																												
UDS	2.0																																																				
CORE	3.0																																																				
SPT CORE	4.0																																																				
	5.0																																																				
	6.0																																																				
	7.0																																																				
	8.0																																																				
	9.0																																																				
	10.0																																																				
	11.0																																																				
	12.0																																																				
	13.0																																																				
	14.0																																																				
	15.0																																																				

* Wet Sieving

Hardness index Hg = 4

Core recovery = 13%

SPT Standard Penetration test

UDS Undisturbed sample

DS Disturbed sample

DS* Direct shear Test (Remolded sample)

TT Triaxial test

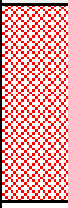
Porosity = 0.24

Slake durability = 13%

Point Load Strength = 17 kg/cm²

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE		REDUCED MIN. WATER DEPTH		DEPTH		DATE		WATER DEPTH		LOCATION		BORE HOLE		ANNEXURE																
		25°29'37.3703"N		4.00 m		4.00 m		10.01.2020		5.50 m		Near Saidpur		BH-B47		'A'																
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)		SPECIFIC GRAVITY		FREE SWELLING		SHEAR PARAMETER			CONSOLIDATION PARAMTR.		SWELLING PRESSURE (Kg/cm ²)	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	VOID RATIO e ₀	COMPRESSION INDEX C _c	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)									
DS	1.0	2.00	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded Corrected	2	93	5	0	Non-Plastic				1.90	1.64	15.8	2.65	DS*	0.00	31	Porosity = 0.25	Point Load Strength = 19 kg/cm ²										
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock			2	92	6	0	Non-Plastic				2.12	2.03	4.7	2.72	DS*	0.00	33												
CORE	3.0	Hard strata				Hardness index H _g = 4								Slake durability = 17%																		
SPT CORE	4.0					Core recovery = 11%																										
	5.0																															
	6.0																															
	7.0																															
	8.0																															
	9.0																															
	10.0																															
	11.0																															
	12.0																															
	13.0																															
	14.0																															
	15.0																															

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

TYPE OF SAMPLES		DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION		SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.				
						RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)						
DS	1.0		Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100	Recorded _____ Corrected _____ 20 40 60 80				27	29	38	6	Non-Plastic									2.65		DS*	0.00	32						
UDS	2.0								32	25	36	7	* Wet Sieving																			
CORE	3.0								Hardness index Hg = 4									2.19	2.08	5.1	2.71						Porosity = 0.23					
SPT CORE	4.0								Core recovery = 14%																		Point Load Strength = 12 kg/cm ²					
	5.0																															
	6.0																															
	7.0																															
	8.0																															
	9.0																															
	10.0																															
	11.0																															
	12.0																															
	13.0																															
	14.0																															
	15.0																															

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°29'24.8360"N
83°18'13.4164"E

REDUCED MIN. WATER DEPTH
2.6m

DEPTH
4.00 m

DATE
09.01.2020

WATER DEPTH
7.50m

LOCATION
Near Saidpur

BORE HOLE
BH-B49

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c
DS	1.0	2.80	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	20 40 60 80	2	92	6	0	Non-Plastic									DS*	0.00	32			
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock			3	91	6	0	Non-Plastic				1.86	1.60	16.4	2.65	DS*	0.00	33				
DS	3.0					Hardness index H _g = 4				2.16	2.07	4.4	2.72											
SPT CORE	4.0		Hard strata			Core recovery = 12%																		
	5.0																							
	6.0																							
	7.0																							
	8.0																							
	9.0																							
	10.0																							
	11.0																							
	12.0																							
	13.0																							
	14.0																							
	15.0																							

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Slake durability = 11%
Porosity = 0.24
Point Load Strength = 9 kg/cm²

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°29'13.9394"N 83°18'25.8021"E	1.9m	4.00 m	11.01.2020	4.40m	Near Saidpur	BH-B50	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICITION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS	1.0	1.90	Grayish poorly graded fine sand (SP-SM) Soft strata	>100	Recorded _____ Corrected _____ 20 40 60 80				0	93	7	0	Non-Plastic								DS*	0.00	32				
UDS	2.0		Light grey detrital / clastic sedimentary calcareous (containing sand & clay etc.) soft to medium hard rock		3	89	8	0	Non-Plastic				1.90	1.60	18.8	2.65	DS*	0.00	35								
CORE	3.0				Hardness index H _g = 4									2.17	2.08	4.3	2.72										
SPT CORE	4.0				Core recovery = 6%																						
	5.0		Hard strata																								
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Slake durability = 12%
Porosity = 0.24
Point Load Strength = 11 kg/cm²

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																
		25°29'00.9214"N 83°18'27.4461"E	1.4m	4.00 m	12.01.2020	0.60 m	Near Saidpur	BH-B51	'A'																
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		SHEAR PARAMETER			CONSOLIDATION PARAMTR.		
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e _v	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)	
DS	1.0	[Red dotted pattern]	Grayish poorly graded fine sand (SP-SM) Soft strata	21	[Grid with recorded values]	2	92	6	0	Non-Plastic							2.65		DS*	0.00	33				
DS	2.0					4	89	7	0	Non-Plastic							2.64		DS*	0.00	35				
SPT	3.0					3	88	9	0	Non-Plastic							2.65		DS*	0.00	34				
DS	4.0																								
	5.0																								
	6.0																								
	7.0																								
	8.0																								
	9.0																								
	10.0																								
	11.0																								
	12.0																								
	13.0																								
	14.0																								
	15.0																								

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test



Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)

COORDINATE
25°28'58.0115"N
83°18'10.3362"E

REDUCED MIN. WATER DEPTH
1.2m

DEPTH
4.00 m

DATE
11.01.2020

WATER DEPTH
2.30 m

LOCATION
Near Saidpur

BORE HOLE
BH-B52

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES	GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm ³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.					
				RECORDED	CORRECTED		GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY				TYPE OF TEST	COHESION C (Kg/cm ²)	FRICTION ANGLE φ	VOID RATIO e ₀	COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm ²)			
DS	1.0		Grayish poorly graded fine sand (SP-SM) Soft strata				2	91	7	0	Non-Plastic							2.65		DS*	0.00	32						
DS	2.0						4	88	8	0	Non-Plastic							2.65		DS*	0.00	32						
SPT	3.0						>100	3	91	6	0	Non-Plastic							2.65		DS*	0.00	32					
DS	4.0																											
	5.0																											
	6.0																											
	7.0																											
	8.0																											
	9.0																											
	10.0																											
	11.0																											
	12.0																											
	13.0																											
	14.0																											
	15.0																											

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																		
		25°28'56.1601"N 83°18'22.6094"E	1.1m	4.00 m	12.01.2020	0.70 m	Near Saidpur	BH-B53	'A'																		
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.	
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm²)			
DS	1.0	[Red dotted pattern]	Grayish poorly graded fine sand (SP-SM) Soft strata			2	89	9	0										2.65		DS*	0.00	31				
UDS	2.0					4	91	5	0											2.65		DS*	0.00	34			
DS	3.0							5	88	7	0									2.65		DS*	0.00	33			
SPT DS	4.0																										
	5.0																										
	6.0																										
	7.0																										
	8.0																										
	9.0																										
	10.0																										
	11.0																										
	12.0																										
	13.0																										
	14.0																										
	15.0																										

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test



**Geotechnical Investigation of Hard Strata between
Ghazipur-Varanasi Stretch on National Waterway-1
(River Ganga)**

COORDINATE
25°34'54.4058"N
83°35'45.8885"E

**REDUCED MIN.
WATER DEPTH**
2.1m

DEPTH
4.00 m

DATE
16.01.2020

WATER DEPTH
3.90 m

LOCATION
Near Gazipur

BORE HOLE
BH-B54

ANNEXURE
'A'

TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION		SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.			
					RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e _v				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm²)					
																										Recorded				Corrected
						20 40 60 80																								
DS	1.0	(Patterned)	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock		SPT 'N' VALUE	PLOT OF SPT 'N' VALUES	29	26	33	12	* Wet Sieving						2.21	2.09	5.9	2.70	Porosity = 0.23			Point Load Strength = 13 kg/cm ²						
UDS	2.0						(Patterned)	33	26	32																9	Hardness index H _g = 4		Slake durability = 15%	
CORE	3.0							>100	Core recovery = 17%																					
SPT CORE	4.0							Hard strata																						
	5.0																													
	6.0																													
	7.0																													
	8.0																													
	9.0																													
	10.0																													
	11.0																													
	12.0																													
	13.0																													
	14.0																													
	15.0																													

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

TYPE OF SAMPLES		DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION		SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.		SWELLING PRESSURE (Kg/cm²)								
				RECORDED	CORRECTED	Recorded	Corrected	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e₀				COMPRESSION INDEX Cc													
DS		1.0	[Pattern]	Light grey detrital / clastic sedimentary calcareous with sand etc.)				28	37	24	11																											
UDS		2.0						33	21	36	10																											
CORE		3.0	[Pattern]	Light grey detrital / clastic sedimentary calcareous (along with clay etc.) medium hard rock				Hardness index Hg = 4							2.16	2.05	5.2	2.71																				
SPT CORE		4.0					>100	Core recovery = 12%																														
		5.0		Hard strata																																		
		6.0																																				
		7.0																																				
		8.0																																				
		9.0																																				
		10.0																																				
		11.0																																				
		12.0																																				
		13.0																																				
		14.0																																				
		15.0																																				

SPT Standard Penetration test
UDS Undisturbed sample
DS Disturbed sample
DS* Direct shear Test (Remolded sample)
TT Triaxial test

Porosity = 0.24
Point Load Strength = 17 kg/cm²

Slake durability = 14%

Geotechnical Investigation of Hard Strata between Ghazipur-Varanasi Stretch on National Waterway-1 (River Ganga)		COORDINATE	REDUCED MIN. WATER DEPTH	DEPTH	DATE	WATER DEPTH	LOCATION	BORE HOLE	ANNEXURE																				
		25°35'01.8220"N 83°36'01.0000"E	1.8m	4.00 m	14.01.2020	6.55 m	Near Gazipur	BH-B57	'A'																				
TYPE OF SAMPLES	DEPTH BELOW NGL (m)	SUB SOIL PROFILE	SOIL DESCRIPTION AND ITS CLASSIFICATION	SPT 'N' VALUE		PLOT OF SPT 'N' VALUES				GRAIN SIZE DISTRIBUTION				ATTERBERGS' LIMIT				DENSITY (gm/cm³)		NATURAL MOISTURE CONTENTS (%)	SPECIFIC GRAVITY	FREE SWELLING	SHEAR PARAMETER			CONSOLIDATION PARAMTR.			
				RECORDED	CORRECTED	GRAVEL (%)	SAND (%)	SILT (%)	CLAY (%)	LIQUID LIMIT	PLASTIC LIMIT	PLASTIC INDEX	SHRINKAGE LIMIT	BULK DENSITY	DRY DENSITY	TYPE OF TEST	COHESION C (Kg/cm²)	FRICTION ANGLE φ	VOID RATIO e ₀				COMPRESSION INDEX C _c	SWELLING PRESSURE (Kg/cm²)					
DS	1.0	[Red hatched box]	Light grey detrital / clastic sedimentary calcareous (along with sand, clay etc.) soft rock underlain by medium hard rock Hard strata	>100					32	26	32	10	* Wet Sieving																
UDS	2.0				35	23	33	9	Hardness index Hg = 4				2.18	2.08	4.7	2.70	Porosity =			0.23									
CORE	3.0				Core recovery = 11%				Slake durability = 12%				Point Load Strength = 19 kg/cm ²																
SPT CORE	4.0																												
	5.0																												
	6.0																												
	7.0																												
	8.0																												
	9.0																												
	10.0																												
	11.0																												
	12.0																												
	13.0																												
	14.0																												
	15.0																												

SPT Standard Penetration test
 UDS Undisturbed sample
 DS Disturbed sample
 DS* Direct shear Test (Remolded sample)
 TT Triaxial test



TDC



IWAI



Name of Work :

Dredging operation at Hard Strata area in between Chainage 1177.50 Km to Chainage 1179.20 Km at U/S Ghazipur Road bridge in National Waterway No. 1

Pre Dredging Survey :

As per detail hydrographic survey carried out by IWAI Varanasi office during 24.05.19 to 26.05.19

Proposed width for dredging : 45 m

Depth of cut : = +2.50m with respect to average LWL of last 10 years

AREA CALCULATION BY SIMPSONS RULE FOR EVEN CO-ORDINATES

$$[A=1/3 \times 9 \times \{(A1+A_n-1)+4(A2+A4+A6\dots)+2(A3+A5+A7\dots)\}+1/2 \times 9(A_n-1+A_n)] +0.5 \times (A1^2+A_n^2)$$

Line No:0 (Base Line/Start Line) (Ch. 1177.65)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	2.80	2.50	0.00	0.00
2	4.50	2.50	0.00	0.00
3	5.70	2.50	0.00	0.00
4	7.20	2.50	0.00	0.00
5	8.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	3.500

Line No: 1 (Ch. 1177.66)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	2.60	2.50	0.00	0.00
2	4.50	2.50	0.00	0.00
3	6.10	2.50	0.00	0.00
4	7.00	2.50	0.00	0.00
5	8.30	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	3.905

Line No: 2 (Ch.1177.67)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.60	2.50	0.00	0.90
2	3.50	2.50	0.00	0.00
3	5.20	2.50	0.00	0.00
4	6.20	2.50	0.00	0.00
5	7.40	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	16.425

Line No: 3 (Ch.1177.68)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.30	2.50	0.00	1.20
2	2.60	2.50	0.00	0.00
3	4.80	2.50	0.00	0.00
4	6.00	2.50	0.00	0.00
5	7.80	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	19.580

Line No: 4 (Ch.1177.69)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.40	2.50	0.00	1.10
2	2.30	2.50	0.00	0.20
3	4.30	2.50	0.00	0.00
4	5.90	2.50	0.00	0.00
5	6.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	19.580

Line No: 5 (Ch.1177.70)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.50	2.50	0.00	1.00
2	2.10	2.50	0.00	0.40
3	3.90	2.50	0.00	0.00
4	5.60	2.50	0.00	0.00
5	6.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	19.145

Line No: 6 (Ch.1177.71)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.20	2.50	0.00	1.30
2	1.50	2.50	0.00	1.00
3	2.10	2.50	0.00	0.40
4	4.20	2.50	0.00	0.00
5	5.40	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	32.480

Line No: 7 (Ch.1177.72)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.20	2.50	0.00	1.30
2	1.70	2.50	0.00	0.80
3	2.40	2.50	0.00	0.10
4	3.20	2.50	0.00	0.00
5	4.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	28.145

Line No: 8 (Ch.1177.73)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.20	2.50	0.00	1.30
2	1.60	2.50	0.00	0.90
3	2.10	2.50	0.00	0.40
4	2.70	2.50	0.00	0.00
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	33.305

Line No: 9 (Ch.1177.74)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.20	2.50	0.00	1.30
2	1.60	2.50	0.00	0.90
3	2.30	2.50	0.00	0.20
4	2.60	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	30.420

Line No: 10 (Ch.1177.75)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.70	2.50	0.00	1.80
2	1.30	2.50	0.00	1.20
3	1.80	2.50	0.00	0.70
4	2.60	2.50	0.00	0.00
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	47.100

Line No: 11 (Ch.1177.76)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.20	2.50	0.00	1.30
2	1.70	2.50	0.00	0.80
3	2.70	2.50	0.00	0.00
4	2.00	2.50	0.00	0.50
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	33.535

Line No: 12 (Ch.1177.77)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.90	2.50	0.00	1.60
3	1.50	2.50	0.00	1.00
4	2.00	2.50	0.00	0.50
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	57.545

Line No: 13 (Ch.1177.78)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.90	2.50	0.00	1.60
3	1.20	2.50	0.00	1.30
4	2.10	2.50	0.00	0.40
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	62.395

Line No: 14 (Ch.1177.79)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.90	2.50	0.00	1.60
2	0.80	2.50	0.00	1.70
3	1.40	2.50	0.00	1.10
4	2.20	2.50	0.00	0.30
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	54.235

Line No: 15 (Ch.1177.80)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.60	2.50	0.00	1.90
3	0.90	2.50	0.00	1.60
4	1.40	2.50	0.00	1.10
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	81.490

Line No: 16 (Ch.1177.81)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.50	2.50	0.00	2.00
2	1.00	2.50	0.00	1.50
3	1.00	2.50	0.00	1.50
4	1.50	2.50	0.00	1.00
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	72.500

Line No: 17 (Ch.1177.82)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.50	2.50	0.00	2.00
2	0.60	2.50	0.00	1.90
3	1.00	2.50	0.00	1.50
4	1.00	2.50	0.00	1.50
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	78.125

Line No: 18 (Ch.1177.83)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.50	2.50	0.00	2.00
3	0.90	2.50	0.00	1.60
4	1.00	2.50	0.00	1.50
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	86.270

Line No: 19 (Ch.1177.84)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.80	2.50	0.00	1.70
3	0.90	2.50	0.00	1.60
4	1.00	2.50	0.00	1.50
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	79.325

Line No: 20 (Ch.1177.85)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.70	2.50	0.00	1.80
3	1.10	2.50	0.00	1.40
4	1.00	2.50	0.00	1.50
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	82.670

Line No: 21 (Ch.1177.86)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.30	2.50	0.00	2.20
2	0.90	2.50	0.00	1.60
3	1.20	2.50	0.00	1.30
4	0.80	2.50	0.00	1.70
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	82.465

Line No: 22 (Ch.1177.87)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	0.10	2.50	0.00	2.40
3	0.60	2.50	0.00	1.90
4	1.10	2.50	0.00	1.40
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	96.220

Line No: 23 (Ch.1177.88)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.40	2.50	0.00	2.90
2	0.00	2.50	0.00	2.50
3	0.40	2.50	0.00	2.10
4	0.80	2.50	0.00	1.70
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	110.345

Line No: 24 (Ch.1177.89)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.30	2.50	0.00	2.80
2	0.10	2.50	0.00	2.40
3	0.30	2.50	0.00	2.20
4	0.90	2.50	0.00	1.60
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	109.600

Line No: 25 (Ch.1177.90)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.10	2.50	0.00	3.60
1	-1.00	2.50	0.00	3.50
2	-0.30	2.50	0.00	2.80
3	0.10	2.50	0.00	2.40
4	0.30	2.50	0.00	2.20
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	132.380

Line No: 26 (Ch.1177.91)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	-1.10	2.50	0.00	3.60
2	-0.40	2.50	0.00	2.90
3	0.20	2.50	0.00	2.30
4	0.40	2.50	0.00	2.10
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	130.930

Line No: 27 (Ch.1177.92)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	-1.00	2.50	0.00	3.50
2	1.40	2.50	0.00	1.10
3	-0.30	2.50	0.00	2.80
4	0.00	2.50	0.00	2.50
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	129.925



Line No: 28 (Ch.1177.93)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	-0.90	2.50	0.00	3.40
2	-1.10	2.50	0.00	3.60
3	-1.20	2.50	0.00	3.70
4	0.00	2.50	0.00	2.50
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	155.270



Line No: 29 (Ch.1177.94)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-1.30	2.50	0.00	3.80
2	-0.20	2.50	0.00	2.70
3	-1.40	2.50	0.00	3.90
4	0.00	2.50	0.00	2.50
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	157.865

Line No: 30 (Ch.1177.95)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.90	2.50	0.00	3.40
2	-1.10	2.50	0.00	3.60
3	-1.20	2.50	0.00	3.70
4	-1.40	2.50	0.00	3.90
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	165.850

Line No: 31 (Ch.1177.96)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.90	2.50	0.00	3.40
2	-1.00	2.50	0.00	3.50
3	-1.20	2.50	0.00	3.70
4	-1.40	2.50	0.00	3.90
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	163.930

Line No: 32 (Ch.1177.97)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.30	2.50	0.00	2.80
2	-0.90	2.50	0.00	3.40
3	-1.10	2.50	0.00	3.60
4	-1.30	2.50	0.00	3.80
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	152.395

Line No: 33 (Ch.1177.98)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.90	2.50	0.00	3.40
2	-1.00	2.50	0.00	3.50
3	-1.30	2.50	0.00	3.80
4	-1.30	2.50	0.00	3.80
5	-1.40	2.50	0.00	3.90
Area by Simpson's rule (Sqm)			0.000	175.160

Line No: 34 (Ch.1177.99)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.70	2.50	0.00	3.20
2	-0.60	2.50	0.00	3.10
3	-1.00	2.50	0.00	3.50
4	-1.20	2.50	0.00	3.70
5	-1.30	2.50	0.00	3.80
Area by Simpson's rule (Sqm)			0.000	165.790

Line No: 35 (Ch.1178.00)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.90	2.50	0.00	3.40
2	-1.00	2.50	0.00	3.50
3	-1.00	2.50	0.00	3.50
4	-1.30	2.50	0.00	3.80
5	-1.40	2.50	0.00	3.90
Area by Simpson's rule (Sqm)			0.000	171.560

Line No: 36 (Ch.1178.01)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.50	2.50	0.00	3.00
2	-0.80	2.50	0.00	3.30
3	-1.10	2.50	0.00	3.60
4	-1.20	2.50	0.00	3.70
5	-1.40	2.50	0.00	3.90
Area by Simpson's rule (Sqm)			0.000	166.010

Line No: 37 (Ch.1178.02)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.70	2.50	0.00	3.20
2	-1.00	2.50	0.00	3.50
3	-1.00	2.50	0.00	3.50
4	-1.40	2.50	0.00	3.90
5	-1.40	2.50	0.00	3.90
Area by Simpson's rule (Sqm)			0.000	168.710



Line No: 38 (Ch.1178.03)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	-0.70	2.50	0.00	3.20
3	-0.80	2.50	0.00	3.30
4	-1.10	2.50	0.00	3.60
5	-1.20	2.50	0.00	3.70
Area by Simpson's rule (Sqm)			0.000	155.800



Line No: 39 (Ch.1178.04)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	-0.60	2.50	0.00	3.10
4	-1.00	2.50	0.00	3.50
5	-1.10	2.50	0.00	3.60
Area by Simpson's rule (Sqm)			0.000	151.910

Line No: 40 (Ch.1178.05)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.40	2.50	0.00	2.90
2	-0.50	2.50	0.00	3.00
3	-0.40	2.50	0.00	2.90
4	-0.90	2.50	0.00	3.40
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	147.880

Line No: 41 (Ch.1178.06)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.20	2.50	0.00	2.70
2	-0.40	2.50	0.00	2.90
3	-0.50	2.50	0.00	3.00
4	-0.70	2.50	0.00	3.20
5	-1.10	2.50	0.00	3.60
Area by Simpson's rule (Sqm)			0.000	143.660

Line No: 42 (Ch.1178.07)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.30	2.50	0.00	2.80
2	-0.50	2.50	0.00	3.00
3	-0.70	2.50	0.00	3.20
4	-0.70	2.50	0.00	3.20
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	146.615

Line No: 43 (Ch.1178.08)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.30	2.50	0.00	2.80
2	-0.10	2.50	0.00	2.60
3	-0.10	2.50	0.00	2.60
4	-0.60	2.50	0.00	3.10
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	135.910

Line No: 44 (Ch.1178.09)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.30	2.50	0.00	2.80
2	0.10	2.50	0.00	2.40
3	-0.30	2.50	0.00	2.80
4	-0.40	2.50	0.00	2.90
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	134.615

Line No: 45 (Ch.1178.10)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	-0.20	2.50	0.00	2.70
3	-0.40	2.50	0.00	2.90
4	-0.60	2.50	0.00	3.10
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	141.835

Line No: 46 (Ch.1178.11)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.10	2.50	0.00	2.60
2	-0.10	2.50	0.00	2.60
3	-0.40	2.50	0.00	2.90
4	-0.40	2.50	0.00	2.90
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	133.095

Line No: 47 (Ch.1178.12)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	0.10	2.50	0.00	2.40
2	0.10	2.50	0.00	2.40
3	-0.20	2.50	0.00	2.70
4	-0.40	2.50	0.00	2.90
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	129.605

Line No: 48 (Ch.1178.13)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.10	2.50	0.00	2.60
2	-0.10	2.50	0.00	2.60
3	-0.10	2.50	0.00	2.60
4	-0.40	2.50	0.00	2.90
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	128.930

Line No: 49 (Ch.1178.14)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.20	2.50	0.00	2.70
2	-0.10	2.50	0.00	2.60
3	-0.10	2.50	0.00	2.60
4	-0.20	2.50	0.00	2.70
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	127.715

Line No: 50 (Ch.1178.15)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.20	2.50	0.00	2.70
2	-0.30	2.50	0.00	2.80
3	0.00	2.50	0.00	2.50
4	0.00	2.50	0.00	2.50
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	125.650

Line No: 51 (Ch.1178.16)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	-0.40	2.50	0.00	2.90
3	-0.30	2.50	0.00	2.80
4	0.90	2.50	0.00	1.60
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	123.880

Line No: 52 (Ch.1178.17)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.10	2.50	0.00	2.60
2	-0.10	2.50	0.00	2.60
3	0.00	2.50	0.00	2.50
4	0.30	2.50	0.00	2.20
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	122.000

Line No: 53 (Ch.1178.18)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.10	2.50	0.00	2.60
2	0.10	2.50	0.00	2.40
3	0.60	2.50	0.00	1.90
4	-0.10	2.50	0.00	2.60
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	115.885

Line No: 54 (Ch.1178.19)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.10	2.50	0.00	2.40
2	-0.10	2.50	0.00	2.60
3	-0.10	2.50	0.00	2.60
4	-0.10	2.50	0.00	2.60
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	127.715

Line No: 55 (Ch.1178.20)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.30	2.50	0.00	2.80
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.30	2.50	0.00	2.20
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	117.485

Line No: 56 (Ch.1178.21)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	0.60	2.50	0.00	1.90
3	0.60	2.50	0.00	1.90
4	0.00	2.50	0.00	2.50
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	115.975

Line No: 57 (Ch.1178.22)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.40	2.50	0.00	2.90
2	-0.40	2.50	0.00	2.90
3	0.10	2.50	0.00	2.40
4	0.30	2.50	0.00	2.20
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	120.445



Line No: 58 (Ch.1178.23)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.30	2.50	0.00	2.80
2	0.30	2.50	0.00	2.20
3	0.50	2.50	0.00	2.00
4	0.50	2.50	0.00	2.00
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	110.440



Line No: 59 (Ch.1178.24)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.50	2.50	0.00	3.00
2	-0.20	2.50	0.00	2.70
3	0.20	2.50	0.00	2.30
4	0.30	2.50	0.00	2.20
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	120.940

Line No: 60 (Ch.1178.25)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.40	2.50	0.00	2.90
2	-0.20	2.50	0.00	2.70
3	0.10	2.50	0.00	2.40
4	0.10	2.50	0.00	2.40
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	121.775

Line No: 61 (Ch.1178.26)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.30	2.50	0.00	2.80
2	-0.20	2.50	0.00	2.70
3	-0.30	2.50	0.00	2.80
4	-0.10	2.50	0.00	2.60
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	127.760

Line No: 62 (Ch.1178.27)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.00	2.50	0.00	2.50
2	-0.10	2.50	0.00	2.60
3	0.20	2.50	0.00	2.30
4	0.30	2.50	0.00	2.20
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	111.740

Line No: 63 (Ch.1178.28)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.30	2.50	0.00	2.80
2	-0.20	2.50	0.00	2.70
3	-0.10	2.50	0.00	2.60
4	0.10	2.50	0.00	2.40
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	122.620

Line No: 64 (Ch.1178.29)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.10	2.50	0.00	2.60
2	0.00	2.50	0.00	2.50
3	-0.10	2.50	0.00	2.60
4	-0.10	2.50	0.00	2.60
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	119.080

Line No: 65 (Ch.1178.30)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.10	2.50	0.00	2.60
2	0.00	2.50	0.00	2.50
3	0.00	2.50	0.00	2.50
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	118.875

Line No: 66 (Ch.1178.31)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.10	2.50	0.00	2.60
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	1.00	2.50	0.00	1.50
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	104.315

Line No: 67 (Ch.1178.32)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.10	2.50	0.00	2.60
2	0.00	2.50	0.00	2.50
3	0.10	2.50	0.00	2.40
4	0.70	2.50	0.00	1.80
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	113.815

Line No: 68 (Ch.1178.33)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.40	2.50	0.00	2.10
2	0.80	2.50	0.00	1.70
3	0.90	2.50	0.00	1.60
4	0.30	2.50	0.00	2.20
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	101.800

Line No: 69 (Ch.1178.34)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.10	2.50	0.00	2.40
2	0.30	2.50	0.00	2.20
3	0.70	2.50	0.00	1.80
4	1.10	2.50	0.00	1.40
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	99.260

Line No: 70 (Ch.1178.35)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.30	2.50	0.00	2.20
2	0.50	2.50	0.00	2.00
3	0.50	2.50	0.00	2.00
4	0.80	2.50	0.00	1.70
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	97.430

Line No: 71 (Ch.1178.36)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.00	2.50	0.00	2.50
2	0.70	2.50	0.00	1.80
3	0.80	2.50	0.00	1.70
4	0.50	2.50	0.00	2.00
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	97.100

Line No: 72 (Ch.1178.37)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	1.00	2.50	0.00	1.50
3	0.70	2.50	0.00	1.80
4	1.20	2.50	0.00	1.30
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	87.295

Line No: 73 (Ch.1178.38)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.40	2.50	0.00	2.10
2	0.60	2.50	0.00	1.90
3	0.80	2.50	0.00	1.70
4	0.70	2.50	0.00	1.80
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	91.045

Line No: 74 (Ch.1178.39)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.90	2.50	0.00	1.60
2	0.90	2.50	0.00	1.60
3	0.60	2.50	0.00	1.90
4	0.70	2.50	0.00	1.80
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	84.475

Line No: 75 (Ch.1178.40)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	0.60	2.50	0.00	1.90
3	0.60	2.50	0.00	1.90
4	0.70	2.50	0.00	1.80
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	91.205

Line No: 76 (Ch.1178.41)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	1.00	2.50	0.00	1.50
3	0.80	2.50	0.00	1.70
4	0.80	2.50	0.00	1.70
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	80.975

Line No: 77 (Ch.1178.42)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.80	2.50	0.00	1.70
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	0.60	2.50	0.00	1.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	85.790

Line No: 78 (Ch.1178.43)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	0.90	2.50	0.00	1.60
3	0.40	2.50	0.00	2.10
4	0.30	2.50	0.00	2.20
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	86.250

Line No: 79 (Ch.1178.44)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.10	2.50	0.00	1.40
2	0.80	2.50	0.00	1.70
3	0.40	2.50	0.00	2.10
4	0.80	2.50	0.00	1.70
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	76.500

Line No: 80 (Ch.1178.45)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	1.10	2.50	0.00	1.40
2	1.40	2.50	0.00	1.10
3	0.80	2.50	0.00	1.70
4	0.60	2.50	0.00	1.90
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	76.005

Line No: 81 (Ch.1178.46)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	1.00	2.50	0.00	1.50
4	1.10	2.50	0.00	1.40
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	74.875

Line No: 82 (Ch.1178.47)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.90	2.50	0.00	1.60
2	0.70	2.50	0.00	1.80
3	1.10	2.50	0.00	1.40
4	1.40	2.50	0.00	1.10
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	69.250

Line No: 83 (Ch.1178.48)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.50	2.50	0.00	2.00
2	1.20	2.50	0.00	1.30
3	1.30	2.50	0.00	1.20
4	1.30	2.50	0.00	1.20
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	67.705

Line No: 84 (Ch.1178.49)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.60	2.50	0.00	1.90
2	0.80	2.50	0.00	1.70
3	1.00	2.50	0.00	1.50
4	1.60	2.50	0.00	0.90
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	69.385

Line No: 85 (Ch.1178.50)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	1.10	2.50	0.00	1.40
3	1.30	2.50	0.00	1.20
4	1.50	2.50	0.00	1.00
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	66.815

Line No: 86 (Ch.1178.51)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.20	2.50	0.00	1.30
2	1.00	2.50	0.00	1.50
3	1.20	2.50	0.00	1.30
4	1.50	2.50	0.00	1.00
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	59.445

Line No: 87 (Ch.1178.52)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	1.60	2.50	0.00	0.90
3	1.70	2.50	0.00	0.80
4	1.50	2.50	0.00	1.00
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	54.325

Line No: 88 (Ch.1178.53)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.40	2.50	0.00	1.10
2	1.50	2.50	0.00	1.00
3	1.30	2.50	0.00	1.20
4	1.10	2.50	0.00	1.40
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	55.700

Line No: 89 (Ch.1178.54)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.40	2.50	0.00	1.10
2	1.80	2.50	0.00	0.70
3	1.20	2.50	0.00	1.30
4	1.10	2.50	0.00	1.40
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	55.100

Line No: 90 (Ch.1178.55)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	2.20	2.50	0.00	0.30
2	0.70	2.50	0.00	1.80
3	1.10	2.50	0.00	1.40
4	1.20	2.50	0.00	1.30
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	50.975

Line No: 91 (Ch.1178.56)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.00	2.50	0.00	1.50
2	0.60	2.50	0.00	1.90
3	0.50	2.50	0.00	2.00
4	0.80	2.50	0.00	1.70
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	78.925

Line No: 92 (Ch.1178.57)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.90	2.50	0.00	1.60
2	0.60	2.50	0.00	1.90
3	0.10	2.50	0.00	2.40
4	0.20	2.50	0.00	2.30
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	90.600

Line No: 93 (Ch.1178.58)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.60	2.50	0.00	1.90
2	1.10	2.50	0.00	1.40
3	0.50	2.50	0.00	2.00
4	0.60	2.50	0.00	1.90
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	84.750

Line No: 94 (Ch.1178.59)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	1.00	2.50	0.00	1.50
2	1.30	2.50	0.00	1.20
3	0.20	2.50	0.00	2.30
4	0.50	2.50	0.00	2.00
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	87.175

Line No: 95 (Ch.1178.60)

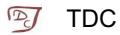
Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.80	2.50	0.00	1.70
2	1.10	2.50	0.00	1.40
3	1.00	2.50	0.00	1.50
4	1.00	2.50	0.00	1.50
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	72.250

Line No: 96 (Ch.1178.61)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.50	2.50	0.00	2.00
2	0.90	2.50	0.00	1.60
3	1.00	2.50	0.00	1.50
4	1.30	2.50	0.00	1.20
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	75.680

Line No: 97 (Ch.1178.62)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	0.80	2.50	0.00	1.70
3	1.10	2.50	0.00	1.40
4	1.40	2.50	0.00	1.10
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	72.755



Line No: 98 (Ch.1178.63)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.90	2.50	0.00	1.60
2	1.30	2.50	0.00	1.20
3	1.50	2.50	0.00	1.00
4	1.70	2.50	0.00	0.80
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	56.300



Line No: 99 (Ch.1178.64)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.70	2.50	0.00	1.80
2	1.00	2.50	0.00	1.50
3	1.20	2.50	0.00	1.30
4	1.70	2.50	0.00	0.80
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	66.200

Line No: 100 (Ch.1178.65)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	1.00	2.50	0.00	1.50
2	1.20	2.50	0.00	1.30
3	1.40	2.50	0.00	1.10
4	1.70	2.50	0.00	0.80
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	62.095

Line No: 101 (Ch.1178.66)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	1.00	2.50	0.00	1.50
2	1.30	2.50	0.00	1.20
3	1.50	2.50	0.00	1.00
4	1.80	2.50	0.00	0.70
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	61.555

Line No: 102 (Ch.1178.67)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.20	2.50	0.00	1.30
2	1.70	2.50	0.00	0.80
3	1.30	2.50	0.00	1.20
4	1.90	2.50	0.00	0.60
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	49.300

Line No: 103 (Ch.1178.68)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.20	2.50	0.00	1.30
2	1.30	2.50	0.00	1.20
3	1.40	2.50	0.00	1.10
4	1.70	2.50	0.00	0.80
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	55.715

Line No: 104 (Ch.1178.69)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.50	2.50	0.00	1.00
2	1.40	2.50	0.00	1.10
3	1.20	2.50	0.00	1.30
4	1.00	2.50	0.00	1.50
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	57.900

Line No: 105 (Ch.1178.70)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.40	2.50	0.00	1.10
2	1.70	2.50	0.00	0.80
3	0.90	2.50	0.00	1.60
4	0.60	2.50	0.00	1.90
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	65.250

Line No: 106 (Ch.1178.71)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.30	2.50	0.00	1.20
2	1.80	2.50	0.00	0.70
3	0.90	2.50	0.00	1.60
4	0.70	2.50	0.00	1.80
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	66.400

Line No: 107 (Ch.1178.72)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.20	2.50	0.00	1.30
2	1.50	2.50	0.00	1.00
3	1.60	2.50	0.00	0.90
4	1.60	2.50	0.00	0.90
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	55.130

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Line No: 108 (Ch.1178.69)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.30	2.50	0.00	1.20
2	1.60	2.50	0.00	0.90
3	1.70	2.50	0.00	0.80
4	0.80	2.50	0.00	1.70
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	61.455

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Line No: 109 (Ch.1178.70)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.30	2.50	0.00	1.20
2	1.60	2.50	0.00	0.90
3	1.70	2.50	0.00	0.80
4	0.80	2.50	0.00	1.70
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	59.430

Line No: 110 (Ch.1178.71)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.40	2.50	0.00	1.10
2	2.00	2.50	0.00	0.50
3	1.00	2.50	0.00	1.50
4	0.70	2.50	0.00	1.80
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	60.160

Line No: 111 (Ch.1178.72)

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.30	2.50	0.00	1.20
2	1.60	2.50	0.00	0.90
3	2.20	2.50	0.00	0.30
4	1.80	2.50	0.00	0.70
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	35.710



TOTAL AREA OF 1700M LENGTH & 45M WIDTH DREDGING AREA WITH SPACING BETWEEN EACH LINE = 10M

LINE NO.	AREA FOR HARD	AREA FOR SOFT	Unit
0	3.50	0.00	Sqm
1	3.91	0.00	Sqm
2	16.43	0.00	Sqm
3	19.58	0.00	Sqm
4	19.58	0.00	Sqm
5	19.15	0.00	Sqm
6	32.48	0.00	Sqm
7	28.15	0.00	Sqm
8	33.31	0.00	Sqm
9	30.42	0.00	Sqm
10	47.10	0.00	Sqm
11	33.54	0.00	Sqm
12	57.55	0.00	Sqm
13	62.40	0.00	Sqm
14	54.24	0.00	Sqm
15	81.49	0.00	Sqm
16	72.50	0.00	Sqm
17	78.13	0.00	Sqm
18	86.27	0.00	Sqm
19	79.33	0.00	Sqm
20	82.67	0.00	Sqm
21	82.47	0.00	Sqm
22	96.22	0.00	Sqm
23	110.35	0.00	Sqm
24	109.60	0.00	Sqm
25	132.38	0.00	Sqm
26	130.93	0.00	Sqm
27	129.93	0.00	Sqm
28	155.27	0.00	Sqm
29	157.87	0.00	Sqm
30	165.85	0.00	Sqm
31	163.93	0.00	Sqm
32	152.40	0.00	Sqm
33	175.16	0.00	Sqm
34	165.79	0.00	Sqm
35	171.56	0.00	Sqm
36	166.01	0.00	Sqm
37	168.71	0.00	Sqm
38	155.80	0.00	Sqm
39	151.91	0.00	Sqm
40	147.88	0.00	Sqm
41	143.66	0.00	Sqm
42	146.62	0.00	Sqm
43	135.91	0.00	Sqm
44	134.62	0.00	Sqm
45	141.84	0.00	Sqm
46	133.10	0.00	Sqm
47	129.61	0.00	Sqm
48	128.93	0.00	Sqm
49	127.72	0.00	Sqm
50	125.65	0.00	Sqm
51	123.88	0.00	Sqm
52	122.00	0.00	Sqm
53	115.89	0.00	Sqm
54	127.72	0.00	Sqm
55	117.49	0.00	Sqm
56	115.98	0.00	Sqm
57	120.45	0.00	Sqm
58	110.44	0.00	Sqm
59	120.94	0.00	Sqm
Total	6254.07	0.00	Sqm

LINE NO.	AREA FOR HARD	AREA FOR SOFT	Unit
60	121.78	0.00	Sqm
61	127.76	0.00	Sqm
62	111.74	0.00	Sqm
63	122.62	0.00	Sqm
64	119.08	0.00	Sqm
65	118.88	0.00	Sqm
66	104.32	0.00	Sqm
67	113.82	0.00	Sqm
68	101.80	0.00	Sqm
69	99.26	0.00	Sqm
70	97.43	0.00	Sqm
71	97.10	0.00	Sqm
72	87.30	0.00	Sqm
73	91.05	0.00	Sqm
74	84.48	0.00	Sqm
75	91.21	0.00	Sqm
76	80.98	0.00	Sqm
77	85.79	0.00	Sqm
78	86.25	0.00	Sqm
79	76.50	0.00	Sqm
80	76.01	0.00	Sqm
81	74.88	0.00	Sqm
82	69.25	0.00	Sqm
83	67.71	0.00	Sqm
84	69.39	0.00	Sqm
85	66.82	0.00	Sqm
86	59.45	0.00	Sqm
87	54.33	0.00	Sqm
88	55.70	0.00	Sqm
89	55.10	0.00	Sqm
90	50.98	0.00	Sqm
91	78.93	0.00	Sqm
92	90.60	0.00	Sqm
93	84.75	0.00	Sqm
94	87.18	0.00	Sqm
95	72.25	0.00	Sqm
96	75.68	0.00	Sqm
97	72.76	0.00	Sqm
98	56.30	0.00	Sqm
99	66.20	0.00	Sqm
100	62.10	0.00	Sqm
101	61.56	0.00	Sqm
102	49.30	0.00	Sqm
103	55.72	0.00	Sqm
104	57.90	0.00	Sqm
105	65.25	0.00	Sqm
106	66.40	0.00	Sqm
107	55.13	0.00	Sqm
108	61.46	0.00	Sqm
109	59.43	0.00	Sqm
110	60.16	0.00	Sqm
111	35.71	0.00	Sqm
Total	4093.42	0.00	Sqm
G.Total	10347.49	0.00	

VOLUME CALCULATION BY TRAPEZOIDAL RULE [V=10/2*((A1+An)+2(A2+A3+A4+A5....))]

Line No	Dredging Quantity (in Cu.M)	Remarks
0 to 107 (for SOFT)	0.000	
Total Dredged Quantity for the chainage 1177.50 Km-1179.20 Km(in Cu. m) : (for SOFT)	0 Cum	10/2*[(First Area + Last Area)+2*(sum of other areas)]
0 to 107 (for HARD)	103278.800	
Total Dredged Quantity for the chainage 1177.50 Km-1179.20 Km(in Cu. m) : (for HARD)	103279 Cum	10/2*[(First Area + Last Area)+2*(sum of other areas)]



IWAI



Name of Work : Dredging operation at Hard Strata area in between Gopalpur (Chainage 1259.00 Km) to U/S Saidpur Pump House (Chainage 1256.50) Km in National Waterway No.1

Pre Dredging Survey : As per detail hydrographic survey carried out by IWAI Varanasi office during 02.05.19 to 27.05.19

Width of dredging : 45 m

Depth of cut : = +2.50m with respect to average LWL of last 10 years

AREA CALCULATION BY SIMPSONS RULE FOR EVEN CO-ORDINATES

$$[A=1/3 \times 9 \times ((A1+A_n-1)+4(A2+A4+A6\dots)+2(A3+A5+A7\dots))+1/2 \times 9(A_n-1+A_n)] + 0.5 \times (A1^2 + A_n^2)$$

Line No:0(Base Line/Start Line) - Ch. 1259.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.40	2.50	0.00	2.90
2	0.10	2.50	0.00	2.40
3	0.10	2.50	0.00	2.40
4	-0.30	2.50	0.00	2.80
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	126.880

Line No:1 - Ch. 1258.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.00	2.50	0.00	2.50
2	0.10	2.50	0.00	2.40
3	-0.10	2.50	0.00	2.60
4	-0.40	2.50	0.00	2.90
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	126.925

Line No:2 - Ch. 1258.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.00	2.50	0.00	2.50
2	0.00	2.50	0.00	2.50
3	-0.20	2.50	0.00	2.70
4	-0.50	2.50	0.00	3.00
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	126.500

Line No:3 - Ch. 1258.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	-0.10	2.50	0.00	2.60
2	-0.10	2.50	0.00	2.60
3	-0.50	2.50	0.00	3.00
4	-0.20	2.50	0.00	2.70
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	130.385

Line No:4 - Ch. 1258.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.50	2.50	0.00	3.00
2	-0.50	2.50	0.00	3.00
3	-0.60	2.50	0.00	3.10
4	-0.20	2.50	0.00	2.70
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	140.075

Line No:5 - Ch. 1258.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	0.10	2.50	0.00	2.40
2	-0.60	2.50	0.00	3.10
3	0.10	2.50	0.00	2.40
4	0.40	2.50	0.00	2.10
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	119.130

Line No:6 - Ch. 1258.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.20	2.50	0.00	2.70
2	-0.30	2.50	0.00	2.80
3	0.10	2.50	0.00	2.40
4	-0.10	2.50	0.00	2.60
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	124.900

Line No:7 - Ch. 1258.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.10	2.50	0.00	2.60
2	0.00	2.50	0.00	2.50
3	-0.20	2.50	0.00	2.70
4	-0.10	2.50	0.00	2.60
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	126.535



Line No:8 - Ch. 1258.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	-0.60	2.50	0.00	3.10
3	-0.40	2.50	0.00	2.90
4	-0.30	2.50	0.00	2.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	130.345

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Line No:9 - Ch. 1258.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	-0.40	2.50	0.00	2.90
2	-0.30	2.50	0.00	2.80
3	-0.70	2.50	0.00	3.20
4	-0.40	2.50	0.00	2.90
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	138.010

Line No:10 - Ch. 1258.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.60	2.50	0.00	3.10
2	-0.40	2.50	0.00	2.90
3	-0.60	2.50	0.00	3.10
4	-0.40	2.50	0.00	2.90
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	143.125

Line No:11 - Ch. 1258.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.20	2.50	0.00	2.70
2	-0.20	2.50	0.00	2.70
3	-0.30	2.50	0.00	2.80
4	-0.10	2.50	0.00	2.60
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	129.400

Line No:12 - Ch. 1258.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.00	2.50	0.00	2.50
2	-0.10	2.50	0.00	2.60
3	-0.30	2.50	0.00	2.80
4	-0.20	2.50	0.00	2.70
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	125.710

Line No:13 - Ch. 1258.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.10	2.50	0.00	2.60
2	0.20	2.50	0.00	2.30
3	-0.10	2.50	0.00	2.60
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	120.655

Line No:14 - Ch. 1258.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.20	2.50	0.00	2.30
2	0.50	2.50	0.00	2.00
3	0.20	2.50	0.00	2.30
4	0.00	2.50	0.00	2.50
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	107.685

Line No:15 - Ch. 1258.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.90	2.50	0.00	1.60
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.10	2.50	0.00	2.40
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	100.480

Line No:16 - Ch. 1258.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.80	2.50	0.00	1.70
2	0.70	2.50	0.00	1.80
3	0.50	2.50	0.00	2.00
4	0.40	2.50	0.00	2.10
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	90.775

Line No:17 - Ch. 1258.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.80	2.50	0.00	1.70
2	0.50	2.50	0.00	2.00
3	0.50	2.50	0.00	2.00
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	94.835



Line No:18 - Ch. 1258.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.40	2.50	0.00	2.10
2	0.30	2.50	0.00	2.20
3	0.50	2.50	0.00	2.00
4	0.50	2.50	0.00	2.00
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	98.395

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Line No:19 - Ch. 1258.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.40	2.50	0.00	2.10
2	0.00	2.50	0.00	2.50
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	103.850

Line No:20 - Ch. 1258.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.20	2.50	0.00	2.30
3	0.00	2.50	0.00	2.50
4	0.00	2.50	0.00	2.50
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	110.150

Line No:21 - Ch. 1258.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.70	2.50	0.00	1.80
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	-0.10	2.50	0.00	2.60
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	105.445

Line No:22 - Ch. 1258.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.20	2.50	0.00	2.30
2	0.10	2.50	0.00	2.40
3	0.30	2.50	0.00	2.20
4	0.60	2.50	0.00	1.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	101.390

Line No:23 - Ch. 1258.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.30	2.50	0.00	2.20
2	-0.10	2.50	0.00	2.60
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	102.775

Line No:24 - Ch. 1258.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.00	2.50	0.00	2.50
2	0.20	2.50	0.00	2.30
3	0.40	2.50	0.00	2.10
4	0.60	2.50	0.00	1.90
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	103.150

Line No:25 - Ch. 1258.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.20	2.50	0.00	2.30
2	0.10	2.50	0.00	2.40
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	106.345

Line No:26 - Ch. 1258.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.00	2.50	0.00	2.50
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.00	2.50	0.00	2.50
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	114.950

Line No:27 - Ch. 1258.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.30	2.50	0.00	2.20
4	0.00	2.50	0.00	2.50
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	108.490



Line No:28 - Ch. 1258.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.60	2.50	0.00	1.90
2	0.40	2.50	0.00	2.10
3	0.30	2.50	0.00	2.20
4	0.90	2.50	0.00	1.60
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	93.600

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Line No:29 - Ch. 1258.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.40	2.50	0.00	2.10
2	0.30	2.50	0.00	2.20
3	0.70	2.50	0.00	1.80
4	1.10	2.50	0.00	1.40
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	87.395

Line No:30 - Ch. 1258.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.00	2.50	0.00	2.50
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	1.00	2.50	0.00	1.50
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	88.490

Line No:31 - Ch. 1258.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	-0.90	2.50	0.00	3.40
2	0.90	2.50	0.00	1.60
3	1.10	2.50	0.00	1.40
4	1.00	2.50	0.00	1.50
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	102.910

Line No:32 - Ch. 1258.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.10	2.50	0.00	3.60
1	-0.90	2.50	0.00	3.40
2	1.10	2.50	0.00	1.40
3	0.90	2.50	0.00	1.60
4	1.20	2.50	0.00	1.30
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	103.305

Line No:33 - Ch. 1258.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	-0.90	2.50	0.00	3.40
2	1.10	2.50	0.00	1.40
3	0.90	2.50	0.00	1.60
4	1.20	2.50	0.00	1.30
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	101.370

Line No:34 - Ch. 1258.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	0.50	2.50	0.00	2.00
2	0.90	2.50	0.00	1.60
3	1.20	2.50	0.00	1.30
4	1.30	2.50	0.00	1.20
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	82.700

Line No:35 - Ch. 1258.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	-0.80	2.50	0.00	3.30
2	0.90	2.50	0.00	1.60
3	1.00	2.50	0.00	1.50
4	1.30	2.50	0.00	1.20
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	100.055

Line No:36 - Ch. 1258.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	0.40	2.50	0.00	2.10
2	0.80	2.50	0.00	1.70
3	1.10	2.50	0.00	1.40
4	1.20	2.50	0.00	1.30
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	85.170

Line No:37 - Ch. 1258.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	-0.20	2.50	0.00	2.70
2	0.90	2.50	0.00	1.60
3	0.00	2.50	0.00	2.50
4	1.20	2.50	0.00	1.30
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	106.250



Line No:38 - Ch. 1258.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	0.30	2.50	0.00	2.20
2	0.80	2.50	0.00	1.70
3	1.40	2.50	0.00	1.10
4	1.70	2.50	0.00	0.80
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	75.175

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Line No:39 - Ch. 1258.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	-0.80	2.50	0.00	3.30
2	0.60	2.50	0.00	1.90
3	1.10	2.50	0.00	1.40
4	1.70	2.50	0.00	0.80
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	96.475

Line No:40 - Ch. 1258.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	0.10	2.50	0.00	2.40
2	0.80	2.50	0.00	1.70
3	1.50	2.50	0.00	1.00
4	1.90	2.50	0.00	0.60
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	73.000

Line No:41 - Ch. 1258.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.90	2.50	0.00	1.60
2	1.40	2.50	0.00	1.10
3	1.70	2.50	0.00	0.80
4	1.00	2.50	0.00	1.50
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	71.290

Line No:42 - Ch. 1258.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.90	2.50	0.00	1.60
2	1.00	2.50	0.00	1.50
3	1.60	2.50	0.00	0.90
4	1.90	2.50	0.00	0.60
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	59.215

Line No:43 - Ch. 1258.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	-0.30	2.50	0.00	2.80
2	0.80	2.50	0.00	1.70
3	1.30	2.50	0.00	1.20
4	2.00	2.50	0.00	0.50
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	86.390

Line No:44 - Ch. 1258.6

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	1.00	2.50	0.00	1.50
2	1.40	2.50	0.00	1.10
3	2.00	2.50	0.00	0.50
4	3.20	2.50	0.00	0.00
5	3.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	43.505

Line No:45 - Ch. 1258.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	0.60	2.50	0.00	1.90
2	1.70	2.50	0.00	0.80
3	3.50	2.50	0.00	0.00
4	4.70	2.50	0.00	0.00
5	2.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	41.100

Line No:46 - Ch. 1258.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	0.60	2.50	0.00	1.90
2	1.80	2.50	0.00	0.70
3	3.50	2.50	0.00	0.00
4	4.80	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	40.500

Line No:47 - Ch. 1258.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.80	2.50	0.00	1.70
2	2.00	2.50	0.00	0.50
3	3.30	2.50	0.00	0.00
4	4.00	2.50	0.00	0.00
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	37.975

Line No:48 - Ch. 1258.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	0.70	2.50	0.00	1.80
2	2.10	2.50	0.00	0.40
3	2.30	2.50	0.00	0.20
4	1.00	2.50	0.00	1.50
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	61.505

Line No:49 - Ch. 1258.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.40	2.50	0.00	2.10
2	1.40	2.50	0.00	1.10
3	1.70	2.50	0.00	0.80
4	1.80	2.50	0.00	0.70
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	62.285



Line No:50 - Ch. 1258.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	1.10	2.50	0.00	1.40
2	1.80	2.50	0.00	0.70
3	1.90	2.50	0.00	0.60
4	1.80	2.50	0.00	0.70
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	65.950

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Line No:51 - Ch. 1258.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.70	2.50	0.00	0.80
2	1.20	2.50	0.00	1.30
3	1.80	2.50	0.00	0.70
4	-0.70	2.50	0.00	3.20
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	78.220

Line No:52 - Ch. 1258.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	1.70	2.50	0.00	0.80
2	1.40	2.50	0.00	1.10
3	1.90	2.50	0.00	0.60
4	1.70	2.50	0.00	0.80
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	45.780

Line No:53 - Ch. 1258.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	1.00	2.50	0.00	1.50
2	1.80	2.50	0.00	0.70
3	1.50	2.50	0.00	1.00
4	1.80	2.50	0.00	0.70
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	72.850

Line No:54 - Ch. 1258.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	1.30	2.50	0.00	1.20
2	1.40	2.50	0.00	1.10
3	1.70	2.50	0.00	0.80
4	1.20	2.50	0.00	1.30
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	58.850

Line No:55 - Ch. 1258.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.70	2.50	0.00	1.80
2	1.20	2.50	0.00	1.30
3	1.40	2.50	0.00	1.10
4	0.50	2.50	0.00	2.00
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	78.275

Line No:56 - Ch. 1258.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	0.80	2.50	0.00	1.70
2	1.40	2.50	0.00	1.10
3	1.00	2.50	0.00	1.50
4	1.60	2.50	0.00	0.90
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	76.310

Line No:57 - Ch. 1258.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	-0.10	2.50	0.00	2.60
2	1.10	2.50	0.00	1.40
3	1.30	2.50	0.00	1.20
4	-0.20	2.50	0.00	2.70
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	107.395



Line No:58 - Ch. 1258.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	-1.30	2.50	0.00	3.80
2	-1.40	2.50	0.00	3.90
3	-1.60	2.50	0.00	4.10
4	-0.80	2.50	0.00	3.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	171.290

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Line No:59 - Ch. 1258.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	1.10	2.50	0.00	1.40
2	1.80	2.50	0.00	0.70
3	1.30	2.50	0.00	1.20
4	1.20	2.50	0.00	1.30
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	69.610

Line No:60 - Ch. 1258.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	1.30	2.50	0.00	1.20
2	1.60	2.50	0.00	0.90
3	1.40	2.50	0.00	1.10
4	1.20	2.50	0.00	1.30
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	77.615

Line No:61 - Ch. 1258.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	1.40	2.50	0.00	1.10
2	1.80	2.50	0.00	0.70
3	1.30	2.50	0.00	1.20
4	1.30	2.50	0.00	1.20
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	70.520

Line No:62- Ch. 1258.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	0.60	2.50	0.00	1.90
2	1.70	2.50	0.00	0.80
3	1.70	2.50	0.00	0.80
4	1.30	2.50	0.00	1.20
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	68.875

Line No:63- Ch. 1258.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	1.50	2.50	0.00	1.00
2	1.50	2.50	0.00	1.00
3	1.70	2.50	0.00	0.80
4	2.00	2.50	0.00	0.50
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	61.495

Line No:64- Ch. 1258.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.10	2.50	0.00	3.60
1	-0.90	2.50	0.00	3.40
2	1.80	2.50	0.00	0.70
3	2.00	2.50	0.00	0.50
4	1.90	2.50	0.00	0.60
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	80.655

Line No:65- Ch. 1258.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	1.90	2.50	0.00	0.60
2	1.70	2.50	0.00	0.80
3	1.60	2.50	0.00	0.90
4	1.20	2.50	0.00	1.30
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	56.455

Line No:66- Ch. 1258.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	-0.90	2.50	0.00	3.40
2	1.70	2.50	0.00	0.80
3	1.80	2.50	0.00	0.70
4	2.00	2.50	0.00	0.50
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	74.375

Line No:67- Ch. 1258.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	1.80	2.50	0.00	0.70
2	2.00	2.50	0.00	0.50
3	2.00	2.50	0.00	0.50
4	0.90	2.50	0.00	1.60
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	58.465



Line No:68- Ch. 1258.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	1.70	2.50	0.00	0.80
2	1.90	2.50	0.00	0.60
3	1.60	2.50	0.00	0.90
4	0.60	2.50	0.00	1.90
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	65.230

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Line No:69- Ch. 1258.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	0.40	2.50	0.00	2.10
2	1.90	2.50	0.00	0.60
3	1.80	2.50	0.00	0.70
4	-0.50	2.50	0.00	3.00
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	93.175

Line No:70- Ch. 1258.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.60	2.50	0.00	3.10
2	1.90	2.50	0.00	0.60
3	2.40	2.50	0.00	0.10
4	1.70	2.50	0.00	0.80
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	71.815

Line No:71- Ch.1258.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	1.90	2.50	0.00	0.60
2	1.90	2.50	0.00	0.60
3	1.80	2.50	0.00	0.70
4	-0.10	2.50	0.00	2.60
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	69.215

Line No:72- Ch.1258.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	2.00	2.50	0.00	0.50
2	1.80	2.50	0.00	0.70
3	1.60	2.50	0.00	0.90
4	0.90	2.50	0.00	1.60
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	55.100

Line No:73- Ch.1258.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.70	2.50	0.00	0.80
2	1.60	2.50	0.00	0.90
3	1.40	2.50	0.00	1.10
4	1.00	2.50	0.00	1.50
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	64.955

Line No:74- Ch.1258.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	1.80	2.50	0.00	0.70
2	1.80	2.50	0.00	0.70
3	1.00	2.50	0.00	1.50
4	0.70	2.50	0.00	1.80
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	66.200

Line No:75- Ch.1258.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	0.00	2.50	0.00	2.50
2	1.60	2.50	0.00	0.90
3	1.70	2.50	0.00	0.80
4	1.40	2.50	0.00	1.10
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	89.050

Line No:76- Ch.1258.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	1.50	2.50	0.00	1.00
2	1.60	2.50	0.00	0.90
3	1.00	2.50	0.00	1.50
4	0.40	2.50	0.00	2.10
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	77.270

Line No:77- Ch.1258.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	2.00	2.50	0.00	0.50
2	1.50	2.50	0.00	1.00
3	1.70	2.50	0.00	0.80
4	-1.00	2.50	0.00	3.50
5	-1.20	2.50	0.00	3.70
Area by Simpson's rule (Sqm)			0.000	86.690



Line No:78- Ch.1258.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	0.00	2.50	0.00	2.50
2	1.40	2.50	0.00	1.10
3	2.00	2.50	0.00	0.50
4	1.00	2.50	0.00	1.50
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	79.550



Line No:79- Ch.1258.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	1.50	2.50	0.00	1.00
2	1.80	2.50	0.00	0.70
3	1.80	2.50	0.00	0.70
4	-0.90	2.50	0.00	3.40
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	87.160

Line No:80- Ch.1258.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	1.50	2.50	0.00	1.00
2	1.90	2.50	0.00	0.60
3	1.80	2.50	0.00	0.70
4	0.40	2.50	0.00	2.10
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	69.470

Line No:81- Ch.1258.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	1.00	2.50	0.00	1.50
2	1.60	2.50	0.00	0.90
3	2.40	2.50	0.00	0.10
4	2.20	2.50	0.00	0.30
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	64.555

Line No:82- Ch.1258.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	1.60	2.50	0.00	0.90
2	2.10	2.50	0.00	0.40
3	2.30	2.50	0.00	0.20
4	0.60	2.50	0.00	1.90
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	56.830

Line No:83- Ch.1258.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	1.40	2.50	0.00	1.10
2	1.70	2.50	0.00	0.80
3	2.10	2.50	0.00	0.40
4	1.30	2.50	0.00	1.20
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	56.300

Line No:84- Ch.1258.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.20	2.50	0.00	3.70
1	1.50	2.50	0.00	1.00
2	1.60	2.50	0.00	0.90
3	2.10	2.50	0.00	0.40
4	2.00	2.50	0.00	0.50
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	51.770

Line No:85- Ch.1258.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	0.30	2.50	0.00	2.20
2	1.80	2.50	0.00	0.70
3	2.10	2.50	0.00	0.40
4	1.50	2.50	0.00	1.00
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	63.980

Line No:86- Ch.1258.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	1.20	2.50	0.00	1.30
2	1.70	2.50	0.00	0.80
3	1.70	2.50	0.00	0.80
4	1.60	2.50	0.00	0.90
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	61.250

Line No:87- Ch.1258.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.10	2.50	0.00	3.60
1	1.40	2.50	0.00	1.10
2	1.70	2.50	0.00	0.80
3	1.70	2.50	0.00	0.80
4	1.40	2.50	0.00	1.10
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	59.250



Line No:88- Ch.1258.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	1.60	2.50	0.00	0.90
2	1.60	2.50	0.00	0.90
3	1.70	2.50	0.00	0.80
4	1.10	2.50	0.00	1.40
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	58.280

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Line No:89- Ch.1258.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	0.30	2.50	0.00	2.20
2	1.60	2.50	0.00	0.90
3	1.80	2.50	0.00	0.70
4	1.60	2.50	0.00	0.90
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	72.055

Line No:90- Ch.1258.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	1.60	2.50	0.00	0.90
2	1.80	2.50	0.00	0.70
3	1.80	2.50	0.00	0.70
4	1.50	2.50	0.00	1.00
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	51.800

Line No:91- Ch.1258.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	1.60	2.50	0.00	0.90
2	1.60	2.50	0.00	0.90
3	1.20	2.50	0.00	1.30
4	1.10	2.50	0.00	1.40
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	71.395

Line No:92 Ch.1258.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.10	2.50	0.00	3.60
1	1.50	2.50	0.00	1.00
2	1.40	2.50	0.00	1.10
3	1.30	2.50	0.00	1.20
4	1.20	2.50	0.00	1.30
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	71.030

Line No: Ch.1258.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	-1.00	2.50	0.00	3.50
2	1.10	2.50	0.00	1.40
3	0.90	2.50	0.00	1.60
4	0.70	2.50	0.00	1.80
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	110.080

Line No:94 Ch.1258.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	0.90	2.50	0.00	1.60
2	1.10	2.50	0.00	1.40
3	1.00	2.50	0.00	1.50
4	1.30	2.50	0.00	1.20
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	91.660

Line No:95 Ch.1258.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	1.00	2.50	0.00	1.50
2	1.30	2.50	0.00	1.20
3	1.40	2.50	0.00	1.10
4	1.30	2.50	0.00	1.20
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	71.900

Line No:96 Ch.1258.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	0.80	2.50	0.00	1.70
2	0.90	2.50	0.00	1.60
3	0.80	2.50	0.00	1.70
4	0.70	2.50	0.00	1.80
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	88.360

Line No:97 Ch.1258.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	0.60	2.50	0.00	1.90
2	0.90	2.50	0.00	1.60
3	1.30	2.50	0.00	1.20
4	1.00	2.50	0.00	1.50
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	94.325



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Line No:98 Ch.1258.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	1.00	2.50	0.00	1.50
2	0.80	2.50	0.00	1.70
3	1.00	2.50	0.00	1.50
4	-0.70	2.50	0.00	3.20
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	101.860

Line No:99 Ch.1258.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.90	2.50	0.00	1.60
2	1.20	2.50	0.00	1.30
3	1.20	2.50	0.00	1.30
4	-0.70	2.50	0.00	3.20
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	95.600

Line No:100 Ch.1258.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.40	2.50	0.00	2.10
2	1.20	2.50	0.00	1.30
3	1.00	2.50	0.00	1.50
4	0.00	2.50	0.00	2.50
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	101.590

Line No:101 - Ch.1257.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.30	2.50	0.00	2.20
2	1.00	2.50	0.00	1.50
3	1.30	2.50	0.00	1.20
4	0.20	2.50	0.00	2.30
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	96.650

Line No:102 - Ch.1257.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	1.00	2.50	0.00	1.50
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	86.645

Line No:103 - Ch.1257.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	0.90	2.50	0.00	1.60
3	1.00	2.50	0.00	1.50
4	1.20	2.50	0.00	1.30
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	85.210

Line No:104 - Ch.1257.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.50	2.50	0.00	2.00
2	0.50	2.50	0.00	2.00
3	0.90	2.50	0.00	1.60
4	-1.30	2.50	0.00	3.80
5	-1.20	2.50	0.00	3.70
Area by Simpson's rule (Sqm)			0.000	113.740

Line No:105 - Ch.1257.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.80	2.50	0.00	1.70
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	-0.70	2.50	0.00	3.20
5	-1.10	2.50	0.00	3.60
Area by Simpson's rule (Sqm)			0.000	105.960

Line No:106 - Ch.1257.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	1.10	2.50	0.00	1.40
2	0.80	2.50	0.00	1.70
3	1.20	2.50	0.00	1.30
4	-0.60	2.50	0.00	3.10
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	93.370

Line No:107 - Ch.1257.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.40	2.50	0.00	2.10
2	1.30	2.50	0.00	1.20
3	1.30	2.50	0.00	1.20
4	-1.40	2.50	0.00	3.90
5	-1.30	2.50	0.00	3.80
Area by Simpson's rule (Sqm)			0.000	107.390



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Line No:108 - Ch.1257.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.90	2.50	0.00	1.60
2	1.00	2.50	0.00	1.50
3	1.10	2.50	0.00	1.40
4	0.60	2.50	0.00	1.90
5	-1.10	2.50	0.00	3.60
Area by Simpson's rule (Sqm)			0.000	89.435

Line No:109 - Ch.1257.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	1.10	2.50	0.00	1.40
2	1.00	2.50	0.00	1.50
3	0.00	2.50	0.00	2.50
4	-0.20	2.50	0.00	2.70
5	-1.10	2.50	0.00	3.60
Area by Simpson's rule (Sqm)			0.000	108.275

Line No:110 - Ch.1257.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	1.10	2.50	0.00	1.40
2	0.90	2.50	0.00	1.60
3	1.00	2.50	0.00	1.50
4	-0.40	2.50	0.00	2.90
5	-1.30	2.50	0.00	3.80
Area by Simpson's rule (Sqm)			0.000	105.815

Line No:111 - Ch.1257.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.80	2.50	0.00	1.70
2	0.70	2.50	0.00	1.80
3	0.90	2.50	0.00	1.60
4	0.00	2.50	0.00	2.50
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	99.025

Line No:112 - Ch.1257.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.60	2.50	0.00	1.90
2	1.20	2.50	0.00	1.30
3	1.10	2.50	0.00	1.40
4	-0.60	2.50	0.00	3.10
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	99.965

Line No:113 - Ch.1257.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.40	2.50	0.00	2.10
2	1.60	2.50	0.00	0.90
3	1.60	2.50	0.00	0.90
4	0.40	2.50	0.00	2.10
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	76.490

Line No:114 - Ch.1257.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.90	2.50	0.00	1.60
2	1.40	2.50	0.00	1.10
3	1.50	2.50	0.00	1.00
4	2.00	2.50	0.00	0.50
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	59.050

Line No:115 - Ch.1257.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.90	2.50	0.00	1.60
2	1.70	2.50	0.00	0.80
3	1.90	2.50	0.00	0.60
4	1.20	2.50	0.00	1.30
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	62.290

Line No:116 - Ch.1257.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.90	2.50	0.00	1.60
2	1.40	2.50	0.00	1.10
3	1.50	2.50	0.00	1.00
4	1.00	2.50	0.00	1.50
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	67.075

Line No:117 - Ch.1257.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	1.00	2.50	0.00	1.50
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.00	2.50	0.00	1.50
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	75.430



Line No:118 - Ch.1257.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.80	2.50	0.00	1.70
2	1.00	2.50	0.00	1.50
3	1.00	2.50	0.00	1.50
4	0.80	2.50	0.00	1.70
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	79.010

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Line No:119 - Ch.1257.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.00	2.50	0.00	1.50
2	0.90	2.50	0.00	1.60
3	1.10	2.50	0.00	1.40
4	0.90	2.50	0.00	1.60
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	73.000

Line No:120 - Ch.1257.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.90	2.50	0.00	1.60
2	1.00	2.50	0.00	1.50
3	1.10	2.50	0.00	1.40
4	0.90	2.50	0.00	1.60
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	73.480

Line No:121 - Ch.1257.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.00	2.50	0.00	1.50
2	0.90	2.50	0.00	1.60
3	1.00	2.50	0.00	1.50
4	1.00	2.50	0.00	1.50
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	71.150

Line No:122 - Ch.1257.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.10	2.50	0.00	1.40
2	1.00	2.50	0.00	1.50
3	1.00	2.50	0.00	1.50
4	1.00	2.50	0.00	1.50
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	69.005

Line No:123 - Ch.1257.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	1.00	2.50	0.00	1.50
3	0.60	2.50	0.00	1.90
4	0.60	2.50	0.00	1.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	81.515

Line No:124 - Ch.1257.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.90	2.50	0.00	1.60
2	0.70	2.50	0.00	1.80
3	0.60	2.50	0.00	1.90
4	0.60	2.50	0.00	1.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	84.770

Line No:125 - Ch.1257.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	0.60	2.50	0.00	1.90
3	0.70	2.50	0.00	1.80
4	0.70	2.50	0.00	1.80
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	81.815

Line No:126 - Ch.1257.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	1.00	2.50	0.00	1.50
3	0.80	2.50	0.00	1.70
4	0.80	2.50	0.00	1.70
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	76.850

Line No:127 - Ch.1257.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.00	2.50	0.00	1.50
2	1.10	2.50	0.00	1.40
3	0.90	2.50	0.00	1.60
4	0.90	2.50	0.00	1.60
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	72.980



Line No:128 - Ch.1257.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.90	2.50	0.00	1.60
3	1.10	2.50	0.00	1.40
4	1.30	2.50	0.00	1.20
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	70.120

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Line No:129 - Ch.1257.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	1.00	2.50	0.00	1.50
3	1.10	2.50	0.00	1.40
4	1.20	2.50	0.00	1.30
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	72.470

Line No:130 - Ch.1257.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.60	2.50	0.00	1.90
2	0.80	2.50	0.00	1.70
3	0.60	2.50	0.00	1.90
4	1.50	2.50	0.00	1.00
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	76.805

Line No:131 - Ch.1257.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.70	2.50	0.00	1.80
2	1.00	2.50	0.00	1.50
3	1.30	2.50	0.00	1.20
4	1.80	2.50	0.00	0.70
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	62.150

Line No:132 - Ch.1257.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.60	2.50	0.00	1.90
2	1.10	2.50	0.00	1.40
3	1.40	2.50	0.00	1.10
4	1.80	2.50	0.00	0.70
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	62.590

Line No:133 - Ch.1257.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.50	2.50	0.00	2.00
2	0.70	2.50	0.00	1.80
3	1.50	2.50	0.00	1.00
4	1.90	2.50	0.00	0.60
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	62.725

Line No:134 - Ch.1257.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	0.80	2.50	0.00	1.70
3	1.00	2.50	0.00	1.50
4	1.10	2.50	0.00	1.40
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	79.765

Line No:135 - Ch.1257.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.70	2.50	0.00	1.80
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.30	2.50	0.00	1.20
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	69.295

Line No:136 - Ch.1257.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.10	2.50	0.00	1.40
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	70.885

Line No:137 - Ch.1257.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	1.10	2.50	0.00	1.40
3	1.50	2.50	0.00	1.00
4	1.30	2.50	0.00	1.20
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	61.820



Line No:138 - Ch.1257.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.90	2.50	0.00	1.60
2	0.90	2.50	0.00	1.60
3	1.10	2.50	0.00	1.40
4	1.50	2.50	0.00	1.00
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	66.725

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Line No:139 - Ch.1257.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.10	2.50	0.00	1.40
2	1.30	2.50	0.00	1.20
3	1.50	2.50	0.00	1.00
4	1.70	2.50	0.00	0.80
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	52.000

Line No:140 - Ch.1257.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.80	2.50	0.00	1.70
3	0.70	2.50	0.00	1.80
4	0.70	2.50	0.00	1.80
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	84.580

Line No:141 - Ch.1257.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	0.80	2.50	0.00	1.70
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	78.145

Line No:142 - Ch.1257.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	1.20	2.50	0.00	1.30
3	1.40	2.50	0.00	1.10
4	2.00	2.50	0.00	0.50
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	57.250

Line No:143 - Ch.1257.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.80	2.50	0.00	1.70
3	1.00	2.50	0.00	1.50
4	1.50	2.50	0.00	1.00
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	68.380

Line No:144 - Ch.1257.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.70	2.50	0.00	1.80
2	0.90	2.50	0.00	1.60
3	1.30	2.50	0.00	1.20
4	1.30	2.50	0.00	1.20
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	68.155

Line No:145 - Ch.1257.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	1.20	2.50	0.00	1.30
3	1.90	2.50	0.00	0.60
4	1.80	2.50	0.00	0.70
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	49.865

Line No:146 - Ch.1257.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	1.00	2.50	0.00	1.50
3	1.40	2.50	0.00	1.10
4	1.70	2.50	0.00	0.80
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	60.075

Line No:147 - Ch.1257.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	1.10	2.50	0.00	1.40
2	1.40	2.50	0.00	1.10
3	1.50	2.50	0.00	1.00
4	1.60	2.50	0.00	0.90
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	60.650



Line No:148 - Ch.1257.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.80	2.50	0.00	1.70
2	1.30	2.50	0.00	1.20
3	1.10	2.50	0.00	1.40
4	0.80	2.50	0.00	1.70
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	77.495

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Line No:149 - Ch.1257.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.50	2.50	0.00	2.00
2	1.20	2.50	0.00	1.30
3	1.30	2.50	0.00	1.20
4	1.00	2.50	0.00	1.50
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	77.170

Line No:150 - Ch.1257.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.50	2.50	0.00	2.00
2	0.20	2.50	0.00	2.30
3	0.30	2.50	0.00	2.20
4	0.30	2.50	0.00	2.20
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	101.200

Line No:151 - Ch.1257.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.80	2.50	0.00	1.70
2	0.60	2.50	0.00	1.90
3	0.20	2.50	0.00	2.30
4	0.30	2.50	0.00	2.20
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	96.895

Line No:152 - Ch.1257.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.40	2.50	0.00	2.10
2	0.30	2.50	0.00	2.20
3	0.20	2.50	0.00	2.30
4	0.50	2.50	0.00	2.00
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	106.255

Line No:153 - Ch.1257.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.30	2.50	0.00	2.20
2	0.20	2.50	0.00	2.30
3	0.70	2.50	0.00	1.80
4	0.60	2.50	0.00	1.90
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	96.725

Line No:154 - Ch.1257.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	0.30	2.50	0.00	2.20
3	0.60	2.50	0.00	1.90
4	0.90	2.50	0.00	1.60
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	89.475

Line No:155 - Ch.1257.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	0.80	2.50	0.00	1.70
2	0.40	2.50	0.00	2.10
3	0.70	2.50	0.00	1.80
4	0.70	2.50	0.00	1.80
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	83.445

Line No:156 - Ch.1257.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	0.70	2.50	0.00	1.80
2	0.40	2.50	0.00	2.10
3	0.60	2.50	0.00	1.90
4	0.70	2.50	0.00	1.80
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	85.820

Line No:157 - Ch.1257.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	1.00	2.50	0.00	1.50
2	0.90	2.50	0.00	1.60
3	0.50	2.50	0.00	2.00
4	0.50	2.50	0.00	2.00
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	81.505



Line No:158 - Ch.1257.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.00	2.50	0.00	1.50
2	0.60	2.50	0.00	1.90
3	0.40	2.50	0.00	2.10
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	90.710

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Line No:159 - Ch.1257.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.00	2.50	0.00	1.50
2	1.00	2.50	0.00	1.50
3	0.40	2.50	0.00	2.10
4	0.20	2.50	0.00	2.30
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	89.905

Line No:160 - Ch.1257.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.00	2.50	0.00	1.50
2	0.90	2.50	0.00	1.60
3	0.40	2.50	0.00	2.10
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	88.910

Line No:161 - Ch.1257.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	0.80	2.50	0.00	1.70
2	0.80	2.50	0.00	1.70
3	0.30	2.50	0.00	2.20
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	92.675

Line No:162 - Ch.1257.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.00	2.50	0.00	1.50
2	0.80	2.50	0.00	1.70
3	0.30	2.50	0.00	2.20
4	0.10	2.50	0.00	2.40
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	93.305

Line No:163 - Ch.1257.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	0.90	2.50	0.00	1.60
2	0.70	2.50	0.00	1.80
3	0.30	2.50	0.00	2.20
4	-0.20	2.50	0.00	2.70
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	98.070

Line No:164 - Ch.1257.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	0.90	2.50	0.00	1.60
2	0.90	2.50	0.00	1.60
3	0.10	2.50	0.00	2.40
4	-0.30	2.50	0.00	2.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	100.300

Line No:165 - Ch.1257.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.00	2.50	0.00	1.50
2	1.00	2.50	0.00	1.50
3	0.90	2.50	0.00	1.60
4	0.40	2.50	0.00	2.10
5	-1.10	2.50	0.00	3.60
Area by Simpson's rule (Sqm)			0.000	90.710

Line No:166 - Ch.1257.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	1.20	2.50	0.00	1.30
3	0.70	2.50	0.00	1.80
4	0.50	2.50	0.00	2.00
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	92.020

Line No:167 - Ch.1257.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	1.10	2.50	0.00	1.40
3	0.80	2.50	0.00	1.70
4	0.60	2.50	0.00	1.90
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	90.910



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Line No:168 - Ch.1257.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	0.90	2.50	0.00	1.60
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	84.275

Line No:169 - Ch.1257.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.20	2.50	0.00	1.30
2	1.00	2.50	0.00	1.50
3	1.00	2.50	0.00	1.50
4	0.80	2.50	0.00	1.70
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	73.350

Line No:170 - Ch.1257.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.40	2.50	0.00	1.10
2	1.50	2.50	0.00	1.00
3	1.00	2.50	0.00	1.50
4	0.90	2.50	0.00	1.60
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	62.615

Line No:171 - Ch.1257.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.00	0.70
1	2.00	2.50	0.00	0.50
2	1.60	2.50	0.00	0.90
3	1.30	2.50	0.00	1.20
4	1.00	2.50	0.00	1.50
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	55.190

Line No:172 - Ch.1257.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.00	2.50	0.00	1.50
2	2.10	2.50	0.00	0.40
3	1.70	2.50	0.00	0.80
4	0.50	2.50	0.00	2.00
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	71.260

Line No:173 - Ch.1257.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.80	2.50	0.00	0.70
2	2.00	2.50	0.00	0.50
3	2.30	2.50	0.00	0.20
4	1.80	2.50	0.00	0.70
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	39.890

Line No:174 - Ch.1257.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	1.70	2.50	0.00	0.80
2	2.10	2.50	0.00	0.40
3	2.60	2.50	0.00	0.00
4	2.50	2.50	0.00	0.00
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	16.825

Line No:175 - Ch.1257.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.00	0.90
1	1.70	2.50	0.00	0.80
2	1.90	2.50	0.00	0.60
3	2.20	2.50	0.00	0.30
4	3.10	2.50	0.00	0.00
5	2.40	2.50	0.00	0.10
Area by Simpson's rule (Sqm)			0.000	20.360

Line No:176 - Ch.1257.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.40	2.50	0.00	1.10
2	1.50	2.50	0.00	1.00
3	1.90	2.50	0.00	0.60
4	2.20	2.50	0.00	0.30
5	3.40	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	34.275

Line No:177 - Ch.1257.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.50	2.50	0.00	1.00
2	1.80	2.50	0.00	0.70
3	1.70	2.50	0.00	0.80
4	2.00	2.50	0.00	0.50
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	34.730



Line No:178 - Ch.1257.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	2.50	2.50	0.00	0.00
2	1.30	2.50	0.00	1.20
3	1.70	2.50	0.00	0.80
4	1.90	2.50	0.00	0.60
5	2.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	21.300

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Line No:179 - Ch.1257.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.00	0.10
1	2.60	2.50	0.00	0.00
2	2.40	2.50	0.00	0.10
3	1.80	2.50	0.00	0.70
4	1.60	2.50	0.00	0.90
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	16.055

Line No:180 - Ch.1257.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.60	2.50	0.00	0.00
1	2.30	2.50	0.00	0.20
2	2.50	2.50	0.00	0.00
3	1.50	2.50	0.00	1.00
4	2.20	2.50	0.00	0.30
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	17.570

Line No:181 - Ch.1257.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.70	2.50	0.00	0.00
1	2.70	2.50	0.00	0.00
2	2.50	2.50	0.00	0.00
3	2.60	2.50	0.00	0.00
4	3.20	2.50	0.00	0.00
5	4.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	0.000



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TOTAL AREA OF 2500M LENGTH & 45M WIDTH DREDGING AREA WITH SPACING BETWEEN EACH LINE = 10M

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
0	0.00	126.88	Sqm
1	0.00	126.93	Sqm
2	0.00	126.50	Sqm
3	0.00	130.39	Sqm
4	0.00	140.08	Sqm
5	0.00	119.13	Sqm
6	0.00	124.90	Sqm
7	0.00	126.54	Sqm
8	0.00	130.35	Sqm
9	0.00	138.01	Sqm
10	0.00	143.13	Sqm
11	0.00	129.40	Sqm
12	0.00	125.71	Sqm
13	0.00	120.66	Sqm
14	0.00	107.69	Sqm
15	0.00	100.48	Sqm
16	0.00	90.78	Sqm
17	0.00	94.84	Sqm
18	0.00	98.40	Sqm
19	0.00	103.85	Sqm
20	0.00	110.15	Sqm
21	0.00	105.45	Sqm
22	0.00	101.39	Sqm
23	0.00	102.78	Sqm
24	0.00	103.15	Sqm
25	0.00	114.95	Sqm
26	0.00	114.95	Sqm
27	0.00	108.49	Sqm
28	0.00	93.60	Sqm
29	0.00	87.40	Sqm
30	0.00	88.49	Sqm
31	0.00	102.91	Sqm
32	0.00	103.31	Sqm
33	0.00	101.37	Sqm
34	0.00	82.70	Sqm
35	0.00	100.06	Sqm
36	0.00	85.17	Sqm
Total	0.00	4110.89	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
74	0.00	66.20	Sqm
75	0.00	89.05	Sqm
76	0.00	77.27	Sqm
77	0.00	86.69	Sqm
78	0.00	79.55	Sqm
79	0.00	87.16	Sqm
80	0.00	69.47	Sqm
81	0.00	64.56	Sqm
82	0.00	56.83	Sqm
83	0.00	56.30	Sqm
84	0.00	51.77	Sqm
85	0.00	63.98	Sqm
86	0.00	61.25	Sqm
87	0.00	72.06	Sqm
88	0.00	58.28	Sqm
89	0.00	72.06	Sqm
90	0.00	51.80	Sqm
91	0.00	71.40	Sqm
92	0.00	71.03	Sqm
93	0.00	110.08	Sqm
94	0.00	91.66	Sqm
95	0.00	71.90	Sqm
96	0.00	88.36	Sqm
97	0.00	94.33	Sqm
98	0.00	101.86	Sqm
99	0.00	95.60	Sqm
100	0.00	101.59	Sqm
101	0.00	96.65	Sqm
102	0.00	86.65	Sqm
103	0.00	85.21	Sqm
104	0.00	113.74	Sqm
105	0.00	105.96	Sqm
106	0.00	93.37	Sqm
107	0.00	107.39	Sqm
108	0.00	89.44	Sqm
109	0.00	108.28	Sqm
110	0.00	105.82	Sqm
111	0.00	99.03	Sqm
112	0.00	99.97	Sqm
113	0.00	76.49	Sqm
114	0.00	59.05	Sqm
115	0.00	62.29	Sqm
116	0.00	67.08	Sqm
117	0.00	75.43	Sqm
118	0.00	79.01	Sqm
119	0.00	73.00	Sqm
120	0.00	73.48	Sqm
121	0.00	71.15	Sqm
122	0.00	69.01	Sqm
123	0.00	81.52	Sqm
124	0.00	84.77	Sqm
125	0.00	81.82	Sqm
126	0.00	76.85	Sqm
127	0.00	72.98	Sqm
128	0.00	70.12	Sqm
129	0.00	72.47	Sqm
130	0.00	76.81	Sqm
131	0.00	62.15	Sqm
132	0.00	62.59	Sqm
133	0.00	62.73	Sqm
134	0.00	79.77	Sqm
Total	0.00	4844.08	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
37	0.00	106.25	Sqm
38	0.00	75.18	Sqm
39	0.00	96.48	Sqm
40	0.00	73.00	Sqm
41	0.00	71.29	Sqm
42	0.00	59.22	Sqm
43	0.00	86.39	Sqm
44	0.00	43.51	Sqm
45	0.00	41.10	Sqm
46	0.00	40.50	Sqm
47	0.00	37.98	Sqm
48	0.00	61.51	Sqm
49	0.00	62.29	Sqm
50	0.00	65.95	Sqm
51	0.00	78.22	Sqm
52	0.00	45.78	Sqm
53	0.00	72.85	Sqm
54	0.00	58.85	Sqm
55	0.00	78.28	Sqm
56	0.00	76.31	Sqm
57	0.00	107.40	Sqm
58	0.00	171.29	Sqm
59	0.00	69.61	Sqm
60	0.00	77.62	Sqm
61	0.00	70.52	Sqm
62	0.00	68.88	Sqm
63	0.00	61.50	Sqm
64	0.00	80.66	Sqm
65	0.00	56.46	Sqm
66	0.00	74.38	Sqm
67	0.00	58.47	Sqm
68	0.00	65.23	Sqm
69	0.00	93.18	Sqm
70	0.00	71.82	Sqm
71	0.00	69.22	Sqm
72	0.00	55.10	Sqm
73	0.00	64.96	Sqm
Total	0.00	2647.14	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
135	0.00	69.30	Sqm
136	0.00	70.89	Sqm
137	0.00	61.82	Sqm
138	0.00	66.73	Sqm
139	0.00	52.00	Sqm
140	0.00	84.58	Sqm
141	0.00	78.15	Sqm
142	0.00	57.25	Sqm
143	0.00	68.38	Sqm
144	0.00	68.16	Sqm
145	0.00	49.87	Sqm
146	0.00	60.08	Sqm
147	0.00	60.65	Sqm
148	0.00	77.50	Sqm
149	0.00	77.17	Sqm
150	0.00	101.20	Sqm
151	0.00	96.90	Sqm
152	0.00	106.26	Sqm
153	0.00	96.73	Sqm
154	0.00	89.48	Sqm
155	0.00	83.45	Sqm
156	0.00	85.82	Sqm
157	0.00	81.51	Sqm
158	0.00	90.71	Sqm
159	0.00	89.91	Sqm
160	0.00	88.91	Sqm
161	0.00	92.68	Sqm
162	0.00	93.31	Sqm
163	0.00	98.07	Sqm
164	0.00	100.30	Sqm
165	0.00	90.71	Sqm
166	0.00	92.02	Sqm
167	0.00	90.91	Sqm
168	0.00	84.28	Sqm
169	0.00	73.35	Sqm
170	0.00	62.62	Sqm
171	0.00	55.19	Sqm
172	0.00	71.26	Sqm
173	0.00	39.89	Sqm
174	0.00	16.83	Sqm
175	0.00	20.36	Sqm
176	0.00	34.28	Sqm
177	0.00	34.73	Sqm
178	0.00	21.30	Sqm
179	0.00	16.06	Sqm
180	0.00	17.57	Sqm
181	0.00	0.00	Sqm
Total	0.00	3219.02	Sqm

G. Total	0.00	14821.13	Sqm
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IWAI



VOLUME CALCULATION BY TRAPEZOIDAL RULE [V=10/2{(A1+An)+2(A2+A3+A4+A5.....)}]

Line No	Dredging Quantity (in Cu.M)	Remarks
0 to 187 (for SOFT)	0.000	
Total Dredged Quantity for the chainage 1259.00 Km to 1256.50 Km (in Cu. m) : (for SOFT)	<u>0 Cum</u>	10/2*[(First Area + Last Area)+2*(sum of other areas)]
0 to 187 (for HARD)	147576.900	
Total Dredged Quantity for the chainage 1259.00 Km to 1256.50 Km (in Cu. m) : (for HARD)	<u>147577 Cum</u>	10/2*[(First Area + Last Area)+2*(sum of other areas)]



IWAJ



Name of Work : Dredging operation at Hard strata area in between Saidpur Pump House (Chainage.1255.70 Km) to U/s Saidpur Road
Pre Dredging Survey : As per detail hydrographic survey carried out by IWAJ Varanasi office during 02.05.19 to 27.05.19
Width of dredging : 45 m
Depth of cut : = +2.50m with respect to average LWL of last 10 years

AREA CALCULATION BY SIMPSONS RULE FOR EVEN CO-ORDINATES

$$[A=1/3 \times 9 \times \{(A_1+A_n) + 4(A_2+A_4+A_6\dots) + 2(A_3+A_5+A_7\dots)\} + 1/2 \times 9(A_n-1+A_n)] + 0.5 \times (A_1^2 + A_n^2)$$

Line No:0(Base Line/Start Line) - Ch.1255.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	5.30	2.50	0.00	0.00
1	5.40	2.50	0.00	0.00
2	3.80	2.50	0.00	0.00
3	1.50	2.50	0.00	1.00
4	1.30	2.50	0.00	1.20
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	23.880

Line No:1 - Ch.1255.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	5.30	2.50	0.00	0.00
1	1.80	2.50	0.00	0.70
2	0.40	2.50	0.00	2.10
3	0.30	2.50	0.00	2.20
4	0.60	2.50	0.00	1.90
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	61.650

Line No:2 - Ch.1255.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.30	2.50	0.00	0.00
1	3.20	2.50	0.00	0.00
2	1.10	2.50	0.00	1.40
3	0.50	2.50	0.00	2.00
4	0.20	2.50	0.00	2.30
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	61.970

Line No:3 - Ch.1255.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.00	0.90
1	0.90	2.50	0.00	1.60
2	0.20	2.50	0.00	2.30
3	0.10	2.50	0.00	2.40
4	0.90	2.50	0.00	1.60
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	86.000

Line No:4 - Ch.1255.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.30	2.50	0.00	0.00
1	2.20	2.50	0.00	0.30
2	1.80	2.50	0.00	0.70
3	1.00	2.50	0.00	1.50
4	0.10	2.50	0.00	2.40
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	54.800

Line No:5 - Ch.1255.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.00	0.30
1	2.10	2.50	0.00	0.40
2	1.50	2.50	0.00	1.00
3	0.20	2.50	0.00	2.30
4	0.40	2.50	0.00	2.10
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	67.415

Line No:6 - Ch.1255.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.90	2.50	0.00	0.00
1	2.80	2.50	0.00	0.00
2	2.20	2.50	0.00	0.30
3	1.30	2.50	0.00	1.20
4	0.10	2.50	0.00	2.40
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	46.520

Line No:7 - Ch.1255.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.00	2.50	0.00	0.00
1	1.80	2.50	0.00	0.70
2	0.90	2.50	0.00	1.60
3	0.10	2.50	0.00	2.40
4	0.20	2.50	0.00	2.30
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	76.370



Line No:8 - Ch.1255.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.90	2.50	0.00	0.00
1	2.60	2.50	0.00	0.00
2	1.80	2.50	0.00	0.70
3	0.80	2.50	0.00	1.70
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	55.530



Line No:9 - Ch.1255.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	1.90	2.50	0.00	0.60
2	0.80	2.50	0.00	1.70
3	0.50	2.50	0.00	2.00
4	0.20	2.50	0.00	2.30
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	73.025

Line No:10 - Ch.1255.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.70	2.50	0.00	0.80
2	1.80	2.50	0.00	0.70
3	0.90	2.50	0.00	1.60
4	0.30	2.50	0.00	2.20
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	69.260

Line No:11 - Ch.1255.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.00	0.80
1	1.80	2.50	0.00	0.70
2	0.90	2.50	0.00	1.60
3	0.30	2.50	0.00	2.20
4	0.10	2.50	0.00	2.40
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	79.495

Line No:12 - Ch.1255.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.00	0.80
1	1.30	2.50	0.00	1.20
2	0.10	2.50	0.00	2.40
3	0.10	2.50	0.00	2.40
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	94.150

Line No:13 - Ch.1255.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	1.10	2.50	0.00	1.40
2	0.90	2.50	0.00	1.60
3	0.10	2.50	0.00	2.40
4	0.00	2.50	0.00	2.50
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	96.830

Line No:14 - Ch.1255.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.10	2.50	0.00	1.40
2	0.50	2.50	0.00	2.00
3	0.80	2.50	0.00	1.70
4	0.10	2.50	0.00	2.40
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	87.425

Line No:15 - Ch.1255.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.40	2.50	0.00	2.10
2	1.00	2.50	0.00	1.50
3	0.30	2.50	0.00	2.20
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	98.550

Line No:16 - Ch.1255.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	99.665

Line No:17 - Ch.1255.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.30	2.50	0.00	2.20
2	0.30	2.50	0.00	2.20
3	0.80	2.50	0.00	1.70
4	0.30	2.50	0.00	2.20
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	96.325

Line No:18 - Ch.1255.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.30	2.50	0.00	2.20
2	0.50	2.50	0.00	2.00
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	98.855

Line No:19 - Ch.1255.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.50	2.50	0.00	2.00
3	0.80	2.50	0.00	1.70
4	1.10	2.50	0.00	1.40
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	87.325



Line No:20 - Ch.1255.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.40	2.50	0.00	2.10
2	0.50	2.50	0.00	2.00
3	1.10	2.50	0.00	1.40
4	1.20	2.50	0.00	1.30
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	76.175



Line No:21 - Ch.1255.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	1.00	2.50	0.00	1.50
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	91.115

Line No:22 - Ch.1255.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.90	2.50	0.00	1.60
4	1.40	2.50	0.00	1.10
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	78.190

Line No:23 - Ch.1255.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.30	2.50	0.00	2.20
4	0.40	2.50	0.00	2.10
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	105.730

Line No:24 - Ch.1255.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	0.30	2.50	0.00	2.20
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	106.720

Line No:25 - Ch.1255.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.30	2.50	0.00	2.20
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	108.980

Line No:26 - Ch.1255.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.20	2.50	0.00	2.30
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	109.870

Line No:27 - Ch.1255.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.10	2.50	0.00	2.40
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.10	2.50	0.00	2.40
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	108.265

Line No:28 - Ch.1255.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.20	2.50	0.00	2.30
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.30	2.50	0.00	2.20
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	106.100

Line No:29 - Ch.1255.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.00	2.50	0.00	2.50
2	0.10	2.50	0.00	2.40
3	0.10	2.50	0.00	2.40
4	0.40	2.50	0.00	2.10
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	109.775

Line No:30 - Ch.1255.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.20	2.50	0.00	2.70
2	-0.30	2.50	0.00	2.80
3	0.20	2.50	0.00	2.30
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	118.225

Line No:31 - Ch.1255.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.20	2.50	0.00	2.70
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.30	2.50	0.00	2.20
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	115.160



Line No:32 - Ch.1255.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	0.60	2.50	0.00	1.90
3	0.50	2.50	0.00	2.00
4	0.50	2.50	0.00	2.00
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	91.875



Line No:33 - Ch.1255.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.60	2.50	0.00	1.90
2	0.90	2.50	0.00	1.60
3	2.10	2.50	0.00	0.40
4	1.80	2.50	0.00	0.70
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	57.650

Line No:34 - Ch.1255.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.70	2.50	0.00	0.00
1	1.20	2.50	0.00	1.30
2	2.30	2.50	0.00	0.20
3	1.80	2.50	0.00	0.70
4	1.80	2.50	0.00	0.70
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	37.145

Line No:35 - Ch.1255.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.10	2.50	0.00	0.00
1	3.20	2.50	0.00	0.00
2	1.60	2.50	0.00	0.90
3	2.50	2.50	0.00	0.00
4	1.70	2.50	0.00	0.80
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	18.095

Line No:36 - Ch.1255.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.00	2.50	0.00	0.00
1	2.00	2.50	0.00	0.50
2	2.40	2.50	0.00	0.10
3	2.60	2.50	0.00	0.00
4	1.40	2.50	0.00	1.10
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	21.545

Line No:37 - Ch.1255.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.90	2.50	0.00	0.00
1	2.80	2.50	0.00	0.00
2	2.20	2.50	0.00	0.30
3	2.30	2.50	0.00	0.20
4	1.40	2.50	0.00	1.10
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	25.445



Line No:38 - Ch.1255.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.90	2.50	0.00	0.00
1	2.80	2.50	0.00	0.00
2	0.10	2.50	0.00	2.40
3	0.40	2.50	0.00	2.10
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	70.530



Line No:39 - Ch.1255.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	4.40	2.50	0.00	0.00
1	4.00	2.50	0.00	0.00
2	0.40	2.50	0.00	2.10
3	0.00	2.50	0.00	2.50
4	0.30	2.50	0.00	2.20
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	73.475

Line No:40 - Ch.1255.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	4.00	2.50	0.00	0.00
1	0.80	2.50	0.00	1.70
2	0.90	2.50	0.00	1.60
3	0.00	2.50	0.00	2.50
4	0.10	2.50	0.00	2.40
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	93.080

Line No:41 - Ch.1255.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.90	2.50	0.00	0.00
1	3.80	2.50	0.00	0.00
2	1.70	2.50	0.00	0.80
3	-0.30	2.50	0.00	2.80
4	0.70	2.50	0.00	1.80
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	62.900

Line No:42 - Ch.1255.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.00	2.50	0.00	0.00
1	2.90	2.50	0.00	0.00
2	-0.10	2.50	0.00	2.60
3	-0.20	2.50	0.00	2.70
4	-0.50	2.50	0.00	3.00
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	89.255

Line No:43 - Ch.1255.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.10	2.50	0.00	0.00
1	4.10	2.50	0.00	0.00
2	1.50	2.50	0.00	1.00
3	-0.20	2.50	0.00	2.70
4	-0.40	2.50	0.00	2.90
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	78.905

Line No:44 - Ch.1255.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.30	2.50	0.00	0.00
1	3.10	2.50	0.00	0.00
2	-0.10	2.50	0.00	2.60
3	0.20	2.50	0.00	2.30
4	0.00	2.50	0.00	2.50
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	81.470

Line No:45 - Ch.1255.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.10	2.50	0.00	0.00
1	3.90	2.50	0.00	0.00
2	2.00	2.50	0.00	0.50
3	0.20	2.50	0.00	2.30
4	0.00	2.50	0.00	2.50
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	68.105

Line No:46 - Ch.1255.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.00	0.40
1	1.70	2.50	0.00	0.80
2	-0.10	2.50	0.00	2.60
3	0.30	2.50	0.00	2.20
4	-0.10	2.50	0.00	2.60
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	91.135

Line No:47 - Ch.1255.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	1.00	2.50	0.00	1.50
2	-0.20	2.50	0.00	2.70
3	0.80	2.50	0.00	1.70
4	-0.10	2.50	0.00	2.60
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	95.260

Line No:48 - Ch.1255.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	-0.30	2.50	0.00	2.80
2	0.60	2.50	0.00	1.90
3	1.10	2.50	0.00	1.40
4	0.00	2.50	0.00	2.50
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	101.815

Line No:49 - Ch.1255.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.20	2.50	0.00	2.70
2	0.20	2.50	0.00	2.30
3	0.30	2.50	0.00	2.20
4	0.50	2.50	0.00	2.00
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	114.575



Line No:50 - Ch.1255.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.30	2.50	0.00	2.80
2	0.20	2.50	0.00	2.30
3	0.40	2.50	0.00	2.10
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	117.610

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Line No:51 - Ch.1255.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.50	2.50	0.00	3.00
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.30	2.50	0.00	2.20
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	118.540

Line No:52 - Ch.1255.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.70	2.50	0.00	3.20
2	0.00	2.50	0.00	2.50
3	0.10	2.50	0.00	2.40
4	0.40	2.50	0.00	2.10
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	123.265

Line No:53 - Ch.1255.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.40	2.50	0.00	2.90
2	-0.60	2.50	0.00	3.10
3	-0.20	2.50	0.00	2.70
4	0.80	2.50	0.00	1.70
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	118.775

Line No:54 - Ch.1255.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.40	2.50	0.00	2.90
2	0.00	2.50	0.00	2.50
3	1.20	2.50	0.00	1.30
4	2.20	2.50	0.00	0.30
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	82.675

Line No:55 - Ch.1255.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.10	2.50	0.00	2.60
2	-0.50	2.50	0.00	3.00
3	-0.50	2.50	0.00	3.00
4	0.10	2.50	0.00	2.40
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	126.820

Line No:56 - Ch.1255.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.20	2.50	0.00	2.70
2	-0.40	2.50	0.00	2.90
3	-0.50	2.50	0.00	3.00
4	0.10	2.50	0.00	2.40
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	129.115

Line No:57 - Ch.1255.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	0.20	2.50	0.00	2.30
2	-0.10	2.50	0.00	2.60
3	-0.30	2.50	0.00	2.80
4	-0.50	2.50	0.00	3.00
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	114.580



Line No:58 - Ch.1255.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	-0.70	2.50	0.00	3.20
4	-0.80	2.50	0.00	3.30
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	146.450



Line No:59 - Ch.1255.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.40	2.50	0.00	2.90
2	-0.50	2.50	0.00	3.00
3	-0.70	2.50	0.00	3.20
4	-0.60	2.50	0.00	3.10
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	145.355

Line No:60 - Ch.1255.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.30	2.50	0.00	2.80
2	-0.60	2.50	0.00	3.10
3	-0.70	2.50	0.00	3.20
4	-0.70	2.50	0.00	3.20
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	145.100

Line No:61 - Ch.1255.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.30	2.50	0.00	2.80
2	-0.60	2.50	0.00	3.10
3	-0.40	2.50	0.00	2.90
4	-0.20	2.50	0.00	2.70
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	134.075

Line No:62 - Ch.1255.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	-0.10	2.50	0.00	2.60
2	-0.10	2.50	0.00	2.60
3	0.20	2.50	0.00	2.30
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	114.725

Line No:63 - Ch.1255.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.10	2.50	0.00	2.40
2	0.00	2.50	0.00	2.50
3	0.10	2.50	0.00	2.40
4	0.30	2.50	0.00	2.20
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	110.300

Line No:64 - Ch.1255.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	0.50	2.50	0.00	2.00
3	0.90	2.50	0.00	1.60
4	1.20	2.50	0.00	1.30
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	80.470

Line No:65 - Ch.1255.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.60	2.50	0.00	1.90
2	1.60	2.50	0.00	0.90
3	2.00	2.50	0.00	0.50
4	2.60	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	45.945

Line No:66 - Ch.1255.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.30	2.50	0.00	2.80
2	0.90	2.50	0.00	1.60
3	2.80	2.50	0.00	0.00
4	3.20	2.50	0.00	0.00
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	54.945

Line No:67 - Ch.1255.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.20	2.50	0.00	2.30
2	2.30	2.50	0.00	0.20
3	3.50	2.50	0.00	0.00
4	3.30	2.50	0.00	0.00
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	39.425



Line No:68 - Ch.1255.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.40	2.50	0.00	2.90
2	1.90	2.50	0.00	0.60
3	3.40	2.50	0.00	0.00
4	3.30	2.50	0.00	0.00
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	50.145



Line No:69 - Ch.1255.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	-0.10	2.50	0.00	2.60
2	-0.20	2.50	0.00	2.70
3	0.00	2.50	0.00	2.50
4	1.30	2.50	0.00	1.20
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	107.795

Line No:70 - Ch.1255.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	-0.10	2.50	0.00	2.60
2	-0.10	2.50	0.00	2.60
3	1.80	2.50	0.00	0.70
4	0.60	2.50	0.00	1.90
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	95.325

Line No:71 - Ch.1254.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	0.10	2.50	0.00	2.40
3	0.00	2.50	0.00	2.50
4	0.00	2.50	0.00	2.50
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	116.950

Line No:72 - Ch.1254.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.10	2.50	0.00	2.40
4	-0.30	2.50	0.00	2.80
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	118.105

Line No:73 - Ch.1254.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.20	2.50	0.00	2.30
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.40	2.50	0.00	2.10
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	105.230

Line No:74 - Ch.1254.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.30	2.50	0.00	2.20
2	0.40	2.50	0.00	2.10
3	0.90	2.50	0.00	1.60
4	0.60	2.50	0.00	1.90
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	92.470

Line No:75 - Ch.1254.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.30	2.50	0.00	1.20
2	0.80	2.50	0.00	1.70
3	1.20	2.50	0.00	1.30
4	1.70	2.50	0.00	0.80
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	61.225

Line No:76 - Ch.1254.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.60	2.50	0.00	0.90
2	0.60	2.50	0.00	1.90
3	1.70	2.50	0.00	0.80
4	0.70	2.50	0.00	1.80
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	60.835

Line No:77 - Ch.1254.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	1.70	2.50	0.00	0.80
2	1.20	2.50	0.00	1.30
3	1.40	2.50	0.00	1.10
4	0.70	2.50	0.00	1.80
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	49.480



Line No:78 - Ch.1254.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.50	2.50	0.00	1.00
2	1.80	2.50	0.00	0.70
3	1.10	2.50	0.00	1.40
4	1.20	2.50	0.00	1.30
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	57.775



Line No:79 - Ch.1254.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.80	2.50	0.00	1.70
2	0.90	2.50	0.00	1.60
3	1.00	2.50	0.00	1.50
4	1.10	2.50	0.00	1.40
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	69.440

Line No:80 - Ch.1254.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.00	2.50	0.00	2.50
2	0.40	2.50	0.00	2.10
3	0.50	2.50	0.00	2.00
4	0.90	2.50	0.00	1.60
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	95.345

Line No:81 - Ch.1254.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.40	2.50	0.00	2.10
2	0.50	2.50	0.00	2.00
3	0.50	2.50	0.00	2.00
4	0.60	2.50	0.00	1.90
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	92.185

Line No:82 - Ch.1254.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.20	2.50	0.00	2.30
2	0.30	2.50	0.00	2.20
3	0.50	2.50	0.00	2.00
4	0.50	2.50	0.00	2.00
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	96.575

Line No:83 - Ch.1254.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	0.50	2.50	0.00	2.00
3	0.60	2.50	0.00	1.90
4	0.50	2.50	0.00	2.00
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	83.700

Line No:84 - Ch.1254.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	0.60	2.50	0.00	1.90
3	0.50	2.50	0.00	2.00
4	1.00	2.50	0.00	1.50
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	80.875

Line No:85 - Ch.1254.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.00	2.50	0.00	1.50
2	1.20	2.50	0.00	1.30
3	0.40	2.50	0.00	2.10
4	0.70	2.50	0.00	1.80
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	78.775

Line No:86 - Ch.1254.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.40	2.50	0.00	1.10
2	1.10	2.50	0.00	1.40
3	1.50	2.50	0.00	1.00
4	0.40	2.50	0.00	2.10
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	65.530

Line No:87 - Ch.1254.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.80	2.50	0.00	1.70
2	1.40	2.50	0.00	1.10
3	0.50	2.50	0.00	2.00
4	0.60	2.50	0.00	1.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	82.475



Line No:88 - Ch.1254.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.80	2.50	0.00	1.70
2	0.80	2.50	0.00	1.70
3	1.90	2.50	0.00	0.60
4	0.50	2.50	0.00	2.00
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	68.785



Line No:89 - Ch.1254.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	1.70	2.50	0.00	0.80
3	2.00	2.50	0.00	0.50
4	1.50	2.50	0.00	1.00
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	56.925

Line No:90 - Ch.1254.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	1.80	2.50	0.00	0.70
3	1.80	2.50	0.00	0.70
4	2.00	2.50	0.00	0.50
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	52.250

Line No:91 - Ch.1254.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.30	2.50	0.00	1.20
2	1.70	2.50	0.00	0.80
3	1.30	2.50	0.00	1.20
4	0.30	2.50	0.00	2.20
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	64.300

Line No:92 - Ch.1254.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.70	2.50	0.00	1.80
3	1.30	2.50	0.00	1.20
4	0.40	2.50	0.00	2.10
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	83.305

Line No:93 - Ch.1254.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	0.40	2.50	0.00	2.10
4	0.30	2.50	0.00	2.20
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	87.755

Line No:94 - Ch.1254.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.70	2.50	0.00	1.80
2	0.60	2.50	0.00	1.90
3	0.60	2.50	0.00	1.90
4	0.20	2.50	0.00	2.30
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	95.150

Line No:95 - Ch.1254.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.50	2.50	0.00	2.00
2	0.50	2.50	0.00	2.00
3	0.10	2.50	0.00	2.40
4	-0.20	2.50	0.00	2.70
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	98.675

Line No:96 - Ch.1254.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.90	2.50	0.00	1.60
2	0.50	2.50	0.00	2.00
3	0.00	2.50	0.00	2.50
4	0.10	2.50	0.00	2.40
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	96.920

Line No:97 - Ch.1254.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	0.10	2.50	0.00	2.40
3	0.30	2.50	0.00	2.20
4	0.20	2.50	0.00	2.30
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	100.675



Line No:98 - Ch.1254.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	1.10	2.50	0.00	1.40
2	0.70	2.50	0.00	1.80
3	0.50	2.50	0.00	2.00
4	0.60	2.50	0.00	1.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	84.075



Line No:99 - Ch.1254.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	0.80	2.50	0.00	1.70
2	0.30	2.50	0.00	2.20
3	1.00	2.50	0.00	1.50
4	1.50	2.50	0.00	1.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	64.725

Line No:100 - Ch.1254.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	0.90	2.50	0.00	1.60
3	0.80	2.50	0.00	1.70
4	2.10	2.50	0.00	0.40
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	63.500

Line No:101 - Ch.1254.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	0.60	2.50	0.00	1.90
3	1.10	2.50	0.00	1.40
4	2.20	2.50	0.00	0.30
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	61.675

Line No:102 Ch.1254.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	1.20	2.50	0.00	1.30
4	2.00	2.50	0.00	0.50
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	61.650

Line No:103 Ch.1254.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.90	2.50	0.00	1.60
3	1.60	2.50	0.00	0.90
4	2.30	2.50	0.00	0.20
5	3.30	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	52.700

Line No:104 Ch.1254.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.70	2.50	0.00	1.80
2	0.80	2.50	0.00	1.70
3	1.40	2.50	0.00	1.10
4	2.20	2.50	0.00	0.30
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	54.270

Line No:105 Ch.1254.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.50	2.50	0.00	2.00
2	0.80	2.50	0.00	1.70
3	1.80	2.50	0.00	0.70
4	2.60	2.50	0.00	0.00
5	4.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	51.620

Line No:106 Ch.1254.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	1.10	2.50	0.00	1.40
3	2.00	2.50	0.00	0.50
4	2.80	2.50	0.00	0.00
5	4.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	46.905

Line No:107 Ch.1254.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.20	2.50	0.00	1.30
2	1.50	2.50	0.00	1.00
3	2.20	2.50	0.00	0.30
4	3.10	2.50	0.00	0.00
5	4.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	31.745



Line No:108 Ch.1254.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.10	2.50	0.00	1.40
2	1.50	2.50	0.00	1.00
3	2.00	2.50	0.00	0.50
4	3.10	2.50	0.00	0.00
5	4.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	34.880

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Line No:109 Ch.1254.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.30	2.50	0.00	1.20
2	1.80	2.50	0.00	0.70
3	2.60	2.50	0.00	0.00
4	4.80	2.50	0.00	0.00
5	6.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	25.145

Line No:110 Ch.1254.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.20	2.50	0.00	1.30
2	2.50	2.50	0.00	0.00
3	3.40	2.50	0.00	0.00
4	4.70	2.50	0.00	0.00
5	5.80	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	21.680

Line No:111 Ch.1254.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.90	2.50	0.00	0.60
2	3.10	2.50	0.00	0.00
3	4.20	2.50	0.00	0.00
4	5.90	2.50	0.00	0.00
5	6.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	12.380

TOTAL AREA OF 1100M LENGTH & 45M WIDTH DREDGING AREA WITH SPACING BETWEEN EACH LINE = 10M

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
0	0.00	23.88	Sqm
1	0.00	61.65	Sqm
2	0.00	61.97	Sqm
3	0.00	86.00	Sqm
4	0.00	54.80	Sqm
5	0.00	67.42	Sqm
6	0.00	46.52	Sqm
7	0.00	76.37	Sqm
8	0.00	55.53	Sqm
9	0.00	73.03	Sqm
10	0.00	69.26	Sqm
Total	0.00	676.42	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
11	0.00	79.50	Sqm
12	0.00	94.15	Sqm
13	0.00	96.83	Sqm
14	0.00	87.43	Sqm
15	0.00	98.55	Sqm
16	0.00	99.67	Sqm
17	0.00	96.33	Sqm
18	0.00	98.86	Sqm
19	0.00	87.33	Sqm
20	0.00	76.18	Sqm
21	0.00	91.12	Sqm
Total	0.00	1005.91	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
22	0.00	78.19	Sqm
23	0.00	105.73	Sqm
24	0.00	106.72	Sqm
25	0.00	108.98	Sqm
26	0.00	109.87	Sqm
27	0.00	108.27	Sqm
28	0.00	106.10	Sqm
29	0.00	109.78	Sqm
30	0.00	118.23	Sqm
31	0.00	115.16	Sqm
32	0.00	91.88	Sqm
33	0.00	57.65	Sqm
34	0.00	37.15	Sqm
35	0.00	18.10	Sqm
36	0.00	21.55	Sqm
37	0.00	25.45	Sqm
38	0.00	70.53	Sqm
39	0.00	73.48	Sqm
40	0.00	93.08	Sqm
41	0.00	62.90	Sqm
42	0.00	89.26	Sqm
43	0.00	78.91	Sqm
44	0.00	81.47	Sqm
45	0.00	68.11	Sqm
46	0.00	91.14	Sqm
47	0.00	95.26	Sqm
48	0.00	101.82	Sqm
49	0.00	114.58	Sqm
50	0.00	117.61	Sqm
51	0.00	118.54	Sqm
52	0.00	123.27	Sqm
53	0.00	118.78	Sqm
54	0.00	82.68	Sqm
55	0.00	126.82	Sqm
56	0.00	129.12	Sqm
57	0.00	114.58	Sqm
58	0.00	146.45	Sqm
59	0.00	145.36	Sqm
60	0.00	145.10	Sqm
61	0.00	134.08	Sqm
62	0.00	114.73	Sqm
63	0.00	110.30	Sqm
64	0.00	80.47	Sqm
65	0.00	45.95	Sqm
66	0.00	54.95	Sqm
67	0.00	39.43	Sqm
68	0.00	50.15	Sqm
69	0.00	107.80	Sqm
70	0.00	95.33	Sqm
71	0.00	116.95	Sqm
Total	0.00	4657.66	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
72	0.00	118.11	Sqm
73	0.00	105.23	Sqm
74	0.00	92.47	Sqm
75	0.00	61.23	Sqm
76	0.00	60.84	Sqm
77	0.00	49.48	Sqm
78	0.00	57.78	Sqm
79	0.00	69.44	Sqm
80	0.00	95.35	Sqm
81	0.00	92.19	Sqm
82	0.00	96.58	Sqm
83	0.00	83.70	Sqm
84	0.00	80.88	Sqm
85	0.00	78.78	Sqm
86	0.00	65.53	Sqm
87	0.00	82.48	Sqm
88	0.00	68.79	Sqm
89	0.00	56.93	Sqm
90	0.00	52.25	Sqm
91	0.00	64.30	Sqm
92	0.00	83.31	Sqm
93	0.00	87.76	Sqm
94	0.00	95.15	Sqm
95	0.00	98.68	Sqm
96	0.00	96.92	Sqm
97	0.00	100.68	Sqm
98	0.00	84.08	Sqm
99	0.00	64.73	Sqm
100	0.00	63.50	Sqm
101	0.00	61.68	Sqm
102	0.00	61.65	Sqm
103	0.00	52.70	Sqm
104	0.00	54.27	Sqm
105	0.00	51.62	Sqm
106	0.00	46.91	Sqm
107	0.00	31.75	Sqm
108	0.00	34.88	Sqm
109	0.00	25.15	Sqm
110	0.00	21.68	Sqm
111	0.00	12.38	Sqm
Total	0.00	2761.71	Sqm
G. Total	0.00	9101.70	Sqm



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VOLUME CALCULATION BY TRAPEZOIDAL RULE [V=10/2{(A1+An)+2(A2+A3+A4+A5....)}]

Line No	Dredging Quantity (in Cu.M)	Remarks
0 to 111 (for SOFT)	0.000	
Total Dredged Quantity for the chainage 1255.70 Km to 1254.60 Km (in Cu. m) : (for SOFT)	<u>0 Cum</u>	10/2*[(First Area + Last Area)+2*(sum of other areas)]
0 to 111 (for HARD)	90835.700	
Total Dredged Quantity for the chainage 1255.70 Km to 1254.60 Km (in Cu. m) : (for HARD)	<u>90836 Cum</u>	10/2*[(First Area + Last Area)+2*(sum of other areas)]



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Name of Work :

Dredging operation at Hard strata area in between D/s Saidpur Road Bridge (Chainage.1254.00 Km) to U/s Phulwariya Ghat (Chainage.1251.06 Km) in National Waterway No.1

Pre Dredging Survey :

As per detail hydrographic survey carried out by IWAI Varanasi office during 02.05.19 to 27.05.19

Width of dredging : 45 m

Depth of cut : = +2.50m with respect to average LWL of last 10 years

Line No:0(Base Line/Start Line) - Ch. 1254.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	1.60	2.50	0.00	0.90
2	2.30	2.50	0.00	0.20
3	2.20	2.50	0.00	0.30
4	2.60	2.50	0.00	0.00
5	3.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	19.505

Line No:1 - Ch. 1253.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	1.00	2.50	0.00	1.50
2	1.50	2.50	0.00	1.00
3	2.10	2.50	0.00	0.40
4	2.20	2.50	0.00	0.30
5	3.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	39.050

Line No:2 - Ch. 1253.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	1.60	2.50	0.00	0.90
3	2.90	2.50	0.00	0.00
4	3.20	2.50	0.00	0.00
5	3.30	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	37.400

Line No:3 - Ch. 1253.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	3.20	2.50	0.00	0.00
5	3.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	72.545

Line No:4 - Ch. 1253.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.30	2.50	0.00	2.20
2	0.30	2.50	0.00	2.20
3	0.50	2.50	0.00	2.00
4	3.00	2.50	0.00	0.00
5	4.40	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	71.600

Line No:5 - Ch. 1253.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.40	2.50	0.00	2.10
2	0.30	2.50	0.00	2.20
3	0.40	2.50	0.00	2.10
4	-0.20	2.50	0.00	2.70
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	92.870

Line No:6 - Ch. 1253.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.50	2.50	0.00	2.00
2	0.30	2.50	0.00	2.20
3	0.50	2.50	0.00	2.00
4	0.10	2.50	0.00	2.40
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	86.220
			0.000	75.200

Line No:7 - Ch. 1253.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.50	2.50	0.00	2.00
4	-0.10	2.50	0.00	2.60
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	93.725



Line No:8 - Ch. 1253.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.50	2.50	0.00	2.00
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	0.60	2.50	0.00	1.90
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	98.150

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Line No:9 - Ch. 1253.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.00	2.50	0.00	1.50
2	0.80	2.50	0.00	1.70
3	1.20	2.50	0.00	1.30
4	0.70	2.50	0.00	1.80
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	73.045

Line No:10 - Ch. 1253.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	0.60	2.50	0.00	1.90
2	0.90	2.50	0.00	1.60
3	1.50	2.50	0.00	1.00
4	0.10	2.50	0.00	2.40
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	81.955

Line No:11 - Ch. 1253.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	0.80	2.50	0.00	1.70
2	0.70	2.50	0.00	1.80
3	0.30	2.50	0.00	2.20
4	0.80	2.50	0.00	1.70
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	83.150

Line No:12 - Ch. 1253.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	0.70	2.50	0.00	1.80
2	0.30	2.50	0.00	2.20
3	0.60	2.50	0.00	1.90
4	0.50	2.50	0.00	2.00
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	89.435

Line No:13 - Ch. 1253.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	1.10	2.50	0.00	1.40
2	0.60	2.50	0.00	1.90
3	0.40	2.50	0.00	2.10
4	0.50	2.50	0.00	2.00
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	83.555

Line No:14 - Ch. 1253.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.10	2.50	0.00	1.40
2	0.90	2.50	0.00	1.60
3	1.20	2.50	0.00	1.30
4	0.40	2.50	0.00	2.10
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	74.585

Line No:15 - Ch. 1253.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.10	2.50	0.00	1.40
2	1.00	2.50	0.00	1.50
3	1.20	2.50	0.00	1.30
4	1.10	2.50	0.00	1.40
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	68.525

Line No:16 - Ch. 1253.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	1.20	2.50	0.00	1.30
3	1.20	2.50	0.00	1.30
4	1.30	2.50	0.00	1.20
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	71.475

Line No:17 - Ch. 1253.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.10	2.50	0.00	1.40
2	1.40	2.50	0.00	1.10
3	1.60	2.50	0.00	0.90
4	1.30	2.50	0.00	1.20
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	51.865



Line No:18 - Ch. 1253.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.10	2.50	0.00	1.40
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.40	2.50	0.00	1.10
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	58.070

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Line No:19 - Ch. 1253.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	0.70	2.50	0.00	1.80
2	0.90	2.50	0.00	1.60
3	1.20	2.50	0.00	1.30
4	1.50	2.50	0.00	1.00
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	62.360

Line No:20 - Ch. 1253.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.10	2.50	0.00	1.40
2	1.20	2.50	0.00	1.30
3	0.90	2.50	0.00	1.60
4	1.60	2.50	0.00	0.90
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	61.015

Line No:21 - Ch. 1253.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	1.00	2.50	0.00	1.50
4	1.80	2.50	0.00	0.70
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	66.035

Line No:22 - Ch. 1253.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	1.10	2.50	0.00	1.40
3	0.80	2.50	0.00	1.70
4	1.20	2.50	0.00	1.30
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	69.770

Line No:23 - Ch. 1253.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.60	2.50	0.00	1.90
3	0.80	2.50	0.00	1.70
4	1.30	2.50	0.00	1.20
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	77.255

Line No:24 - Ch. 1253.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.60	2.50	0.00	1.90
2	1.00	2.50	0.00	1.50
3	1.10	2.50	0.00	1.40
4	1.30	2.50	0.00	1.20
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	72.800

Line No:25 - Ch. 1253.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	1.20	2.50	0.00	1.30
4	1.00	2.50	0.00	1.50
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	77.990

Line No:26 - Ch. 1253.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	0.70	2.50	0.00	1.80
3	1.00	2.50	0.00	1.50
4	1.10	2.50	0.00	1.40
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	87.445

Line No:27 - Ch. 1253.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.40	2.50	0.00	2.10
2	0.60	2.50	0.00	1.90
3	0.70	2.50	0.00	1.80
4	0.40	2.50	0.00	2.10
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	94.930



Line No:28 - Ch. 1253.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.50	2.50	0.00	2.00
2	0.30	2.50	0.00	2.20
3	0.40	2.50	0.00	2.10
4	0.10	2.50	0.00	2.40
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	103.475

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Line No:29 - Ch. 1253.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.40	2.50	0.00	2.10
2	0.70	2.50	0.00	1.80
3	0.90	2.50	0.00	1.60
4	0.10	2.50	0.00	2.40
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	96.275

Line No:30 - Ch. 1253.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	0.20	2.50	0.00	2.30
3	0.30	2.50	0.00	2.20
4	0.10	2.50	0.00	2.40
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	108.340

Line No:31 - Ch. 1253.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.00	2.50	0.00	2.50
2	0.10	2.50	0.00	2.40
3	-0.20	2.50	0.00	2.70
4	0.40	2.50	0.00	2.10
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	114.830

Line No:32 - Ch. 1253.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.10	2.50	0.00	2.60
2	-0.20	2.50	0.00	2.70
3	0.00	2.50	0.00	2.50
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	119.390

Line No:33 - Ch. 1253.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.10	2.50	0.00	2.40
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	117.550

Line No:34 - Ch. 1253.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.40	2.50	0.00	2.90
2	-0.30	2.50	0.00	2.80
3	-0.20	2.50	0.00	2.70
4	0.30	2.50	0.00	2.20
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	126.500

Line No:35 - Ch. 1253.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.00	2.50	0.00	2.50
2	0.00	2.50	0.00	2.50
3	0.10	2.50	0.00	2.40
4	-0.10	2.50	0.00	2.60
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	119.720

Line No:36 - Ch. 1253.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.20	2.50	0.00	2.70
2	-0.30	2.50	0.00	2.80
3	-0.10	2.50	0.00	2.60
4	-0.10	2.50	0.00	2.60
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	128.015

Line No:37 - Ch. 1253.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.40	2.50	0.00	2.90
2	-0.10	2.50	0.00	2.60
3	-0.20	2.50	0.00	2.70
4	0.30	2.50	0.00	2.20
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	122.135



Line No:38 - Ch. 1253.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.40	2.50	0.00	2.90
2	-0.30	2.50	0.00	2.80
3	-0.30	2.50	0.00	2.80
4	-0.20	2.50	0.00	2.70
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	131.450

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Line No:39 - Ch. 1253.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.30	2.50	0.00	2.80
2	-0.20	2.50	0.00	2.70
3	0.00	2.50	0.00	2.50
4	0.10	2.50	0.00	2.40
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	123.115

Line No:40 - Ch. 1253.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.20	2.50	0.00	2.70
2	-0.10	2.50	0.00	2.60
3	-0.50	2.50	0.00	3.00
4	-0.30	2.50	0.00	2.80
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	133.700

Line No:41 - Ch. 1253.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.20	2.50	0.00	2.70
2	-0.30	2.50	0.00	2.80
3	0.20	2.50	0.00	2.30
4	0.80	2.50	0.00	1.70
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	110.350

Line No:42 - Ch. 1253.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	-0.40	2.50	0.00	2.90
3	-0.20	2.50	0.00	2.70
4	0.20	2.50	0.00	2.30
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	122.650

Line No:43 - Ch. 1253.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.50	2.50	0.00	3.00
2	0.00	2.50	0.00	2.50
3	0.30	2.50	0.00	2.20
4	1.00	2.50	0.00	1.50
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	110.035

Line No:44 - Ch. 1253.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.20	2.50	0.00	2.70
2	-0.20	2.50	0.00	2.70
3	-0.10	2.50	0.00	2.60
4	0.20	2.50	0.00	2.30
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	119.675

Line No:45 - Ch. 1253.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.30	2.50	0.00	2.80
2	-0.30	2.50	0.00	2.80
3	-0.10	2.50	0.00	2.60
4	0.30	2.50	0.00	2.20
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	118.940

Line No:46 - Ch. 1253.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.10	2.50	0.00	2.60
2	0.00	2.50	0.00	2.50
3	0.10	2.50	0.00	2.40
4	0.40	2.50	0.00	2.10
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	114.150

Line No:47 - Ch. 1253.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.10	2.50	0.00	2.40
2	0.10	2.50	0.00	2.40
3	0.50	2.50	0.00	2.00
4	0.70	2.50	0.00	1.80
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	101.540



Line No:48 - Ch. 1253.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	0.00	2.50	0.00	2.50
3	0.30	2.50	0.00	2.20
4	0.10	2.50	0.00	2.40
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	116.260

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Line No:49 - Ch. 1253.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.20	2.50	0.00	2.30
2	-0.10	2.50	0.00	2.60
3	0.40	2.50	0.00	2.10
4	1.00	2.50	0.00	1.50
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	99.270

Line No:50 - Ch. 1253.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	-0.10	2.50	0.00	2.60
2	0.10	2.50	0.00	2.40
3	0.40	2.50	0.00	2.10
4	0.80	2.50	0.00	1.70
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	102.110

Line No:51 - Ch. 1253.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.10	2.50	0.00	2.60
2	0.00	2.50	0.00	2.50
3	0.40	2.50	0.00	2.10
4	1.00	2.50	0.00	1.50
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	102.310

Line No:52Line No:51 - Ch. 1253.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.10	2.50	0.00	2.60
2	0.00	2.50	0.00	2.50
3	0.40	2.50	0.00	2.10
4	0.60	2.50	0.00	1.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	107.690

Line No:53Ch. 1253.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.00	2.50	0.00	2.50
2	0.20	2.50	0.00	2.30
3	0.70	2.50	0.00	1.80
4	1.00	2.50	0.00	1.50
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	95.705

Line No:54Line No:51 - Ch. 1253.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.00	2.50	0.00	2.50
2	0.10	2.50	0.00	2.40
3	0.20	2.50	0.00	2.30
4	0.30	2.50	0.00	2.20
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	105.800

Line No:55 - Ch. 1253.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.10	2.50	0.00	2.40
2	0.70	2.50	0.00	1.80
3	0.80	2.50	0.00	1.70
4	1.50	2.50	0.00	1.00
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	92.925

Line No:56Line No:51 - Ch. 1253.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.00	2.50	0.00	2.50
2	0.50	2.50	0.00	2.00
3	0.20	2.50	0.00	2.30
4	0.60	2.50	0.00	1.90
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	103.025

Line No:57 - Ch. 1253.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.10	2.50	0.00	2.40
2	0.60	2.50	0.00	1.90
3	0.20	2.50	0.00	2.30
4	0.10	2.50	0.00	2.40
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	110.255



Line No:58Line No:51 - Ch. 1253.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.20	2.50	0.00	2.30
2	0.60	2.50	0.00	1.90
3	0.50	2.50	0.00	2.00
4	0.30	2.50	0.00	2.20
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	102.575

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Line No:59 - Ch. 1253.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.20	2.50	0.00	2.30
2	0.50	2.50	0.00	2.00
3	0.10	2.50	0.00	2.40
4	0.10	2.50	0.00	2.40
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	110.160

Line No:60Line No:51 - Ch. 1253.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	0.60	2.50	0.00	1.90
3	0.90	2.50	0.00	1.60
4	0.40	2.50	0.00	2.10
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	97.175

Line No:61 - Ch. 1253.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.30	2.50	0.00	2.20
2	0.60	2.50	0.00	1.90
3	0.50	2.50	0.00	2.00
4	0.40	2.50	0.00	2.10
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	103.105

Line No:62- Ch. 1253.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	-0.30	2.50	0.00	2.80
2	0.00	2.50	0.00	2.50
3	0.80	2.50	0.00	1.70
4	0.50	2.50	0.00	2.00
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	107.225

Line No:63- Ch. 1253.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	-0.20	2.50	0.00	2.70
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	0.30	2.50	0.00	2.20
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	112.240

Line No:64- Ch. 1253.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.00	2.50	0.00	2.50
2	0.40	2.50	0.00	2.10
3	0.80	2.50	0.00	1.70
4	0.00	2.50	0.00	2.50
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	109.830

Line No:65- Ch. 1253.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.40	2.50	0.00	2.10
2	0.10	2.50	0.00	2.40
3	0.40	2.50	0.00	2.10
4	-0.50	2.50	0.00	3.00
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	112.060

Line No:66- Ch. 1253.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.40	2.50	0.00	2.10
2	0.10	2.50	0.00	2.40
3	0.20	2.50	0.00	2.30
4	0.00	2.50	0.00	2.50
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	110.970

Line No:67- Ch. 1253.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.10	2.50	0.00	2.40
2	0.50	2.50	0.00	2.00
3	0.00	2.50	0.00	2.50
4	-0.50	2.50	0.00	3.00
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	117.100



Line No:68- Ch. 1253.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.20	2.50	0.00	2.30
2	0.30	2.50	0.00	2.20
3	-0.10	2.50	0.00	2.60
4	-0.40	2.50	0.00	2.90
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	118.025

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Line No:69- Ch. 1253.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	0.30	2.50	0.00	2.20
2	-0.20	2.50	0.00	2.70
3	0.10	2.50	0.00	2.40
4	0.00	2.50	0.00	2.50
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	113.330

Line No:70- Ch. 1253.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	0.00	2.50	0.00	2.50
2	0.30	2.50	0.00	2.20
3	0.10	2.50	0.00	2.40
4	-0.50	2.50	0.00	3.00
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	114.760

Line No:71- Ch. 1253.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.30	2.50	0.00	2.20
2	0.40	2.50	0.00	2.10
3	-0.50	2.50	0.00	3.00
4	-0.40	2.50	0.00	2.90
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	119.350

Line No:72- Ch. 1253.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.10	2.50	0.00	2.40
2	0.40	2.50	0.00	2.10
3	-0.60	2.50	0.00	3.10
4	-0.60	2.50	0.00	3.10
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	127.150

Line No:73- Ch. 1253.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.00	2.50	0.00	2.50
2	0.00	2.50	0.00	2.50
3	-0.50	2.50	0.00	3.00
4	-0.60	2.50	0.00	3.10
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	132.550

Line No:74- Ch. 1253.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.40	2.50	0.00	2.90
2	-0.50	2.50	0.00	3.00
3	-0.50	2.50	0.00	3.00
4	-0.60	2.50	0.00	3.10
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	141.985

Line No:75- Ch. 1253.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.50	2.50	0.00	3.00
2	-0.50	2.50	0.00	3.00
3	-0.50	2.50	0.00	3.00
4	-0.50	2.50	0.00	3.00
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	141.125

Line No:76- Ch. 1253.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	-0.50	2.50	0.00	3.00
4	-0.50	2.50	0.00	3.00
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	140.800

Line No:77- Ch. 1253.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.50	2.50	0.00	3.00
2	-0.30	2.50	0.00	2.80
3	-0.50	2.50	0.00	3.00
4	-0.50	2.50	0.00	3.00
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	140.300



Line No:78- Ch. 1253.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.50	2.50	0.00	3.00
2	-0.10	2.50	0.00	2.60
3	-0.50	2.50	0.00	3.00
4	-0.40	2.50	0.00	2.90
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	140.105

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Line No:79- Ch. 1253.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.80	2.50	0.00	3.30
2	-0.20	2.50	0.00	2.70
3	-0.50	2.50	0.00	3.00
4	-0.60	2.50	0.00	3.10
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	145.955

Line No:80- Ch. 1253.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.40	2.50	0.00	2.90
2	-0.10	2.50	0.00	2.60
3	0.00	2.50	0.00	2.50
4	-0.50	2.50	0.00	3.00
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	134.875

Line No:81- Ch. 1253.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.10	2.50	0.00	2.60
2	-0.10	2.50	0.00	2.60
3	-0.40	2.50	0.00	2.90
4	-0.60	2.50	0.00	3.10
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	135.755

Line No:82- Ch. 1253.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	0.10	2.50	0.00	2.40
2	-0.20	2.50	0.00	2.70
3	-0.20	2.50	0.00	2.70
4	-0.70	2.50	0.00	3.20
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	132.305

Line No:83- Ch. 1253.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.50	2.50	0.00	3.00
2	-0.10	2.50	0.00	2.60
3	-0.10	2.50	0.00	2.60
4	-0.40	2.50	0.00	2.90
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	133.390

Line No:84- Ch. 1253.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	0.30	2.50	0.00	2.20
2	0.00	2.50	0.00	2.50
3	-0.20	2.50	0.00	2.70
4	0.00	2.50	0.00	2.50
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	120.335

Line No:85- Ch. 1253.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.20	2.50	0.00	2.30
2	0.20	2.50	0.00	2.30
3	0.40	2.50	0.00	2.10
4	0.80	2.50	0.00	1.70
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	100.150

Line No:86- Ch. 1253.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.00	2.50	0.00	2.50
2	-0.10	2.50	0.00	2.60
3	0.40	2.50	0.00	2.10
4	1.10	2.50	0.00	1.40
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	100.325

Line No:87- Ch. 1253.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.60	2.50	0.00	1.90
4	1.00	2.50	0.00	1.50
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	90.310



Line No:88- Ch. 1253.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.40	2.50	0.00	2.10
2	0.50	2.50	0.00	2.00
3	0.90	2.50	0.00	1.60
4	1.10	2.50	0.00	1.40
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	84.320

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Line No:89- Ch. 1253.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.50	2.50	0.00	2.00
2	0.20	2.50	0.00	2.30
3	0.70	2.50	0.00	1.80
4	0.90	2.50	0.00	1.60
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	87.115

Line No:90- Ch. 1253.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.20	2.50	0.00	2.30
3	0.70	2.50	0.00	1.80
4	0.90	2.50	0.00	1.60
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	86.095

Line No:91- Ch. 1253.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	0.70	2.50	0.00	1.80
3	0.60	2.50	0.00	1.90
4	0.90	2.50	0.00	1.60
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	80.300

Line No:92- Ch. 1253.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	0.60	2.50	0.00	1.90
4	0.90	2.50	0.00	1.60
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	82.700

Line No:93- Ch. 1253.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.70	2.50	0.00	1.80
2	0.80	2.50	0.00	1.70
3	0.70	2.50	0.00	1.80
4	1.10	2.50	0.00	1.40
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	78.320

Line No:94- Ch. 1253.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	0.70	2.50	0.00	1.80
3	1.00	2.50	0.00	1.50
4	1.00	2.50	0.00	1.50
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	73.690

Line No:95- Ch. 1253.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.70	2.50	0.00	1.80
2	0.80	2.50	0.00	1.70
3	1.20	2.50	0.00	1.30
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	84.190

Line No:96- Ch. 1253.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	1.30	2.50	0.00	1.20
3	1.20	2.50	0.00	1.30
4	0.10	2.50	0.00	2.40
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	83.585

Line No:97- Ch. 1253.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.70	2.50	0.00	1.80
2	1.20	2.50	0.00	1.30
3	1.30	2.50	0.00	1.20
4	0.10	2.50	0.00	2.40
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	82.500



Line No:98- Ch. 1253.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.20	2.50	0.00	1.30
2	1.60	2.50	0.00	0.90
3	1.20	2.50	0.00	1.30
4	0.40	2.50	0.00	2.10
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	69.630

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Line No:99- Ch. 1253.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	0.80	2.50	0.00	1.70
3	0.80	2.50	0.00	1.70
4	0.80	2.50	0.00	1.70
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	79.865

Line No:100- Ch. 1253.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.80	2.50	0.00	1.70
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	0.70	2.50	0.00	1.80
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	79.600

Line No:101- Ch. 1252.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.60	2.50	0.00	1.90
2	1.00	2.50	0.00	1.50
3	0.60	2.50	0.00	1.90
4	0.80	2.50	0.00	1.70
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	82.375

Line No:102- Ch. 1252.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.20	2.50	0.00	1.30
2	0.80	2.50	0.00	1.70
3	1.00	2.50	0.00	1.50
4	0.50	2.50	0.00	2.00
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	73.075

Line No:103- Ch. 1252.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	0.90	2.50	0.00	1.60
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	79.060

Line No:104- Ch. 1252.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.10	2.50	0.00	1.40
2	1.10	2.50	0.00	1.40
3	0.70	2.50	0.00	1.80
4	0.90	2.50	0.00	1.60
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	72.625

Line No:105- Ch. 1252.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	0.40	2.50	0.00	2.10
3	0.50	2.50	0.00	2.00
4	0.90	2.50	0.00	1.60
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	88.385

Line No:106- Ch. 1252.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.50	2.50	0.00	2.00
2	0.60	2.50	0.00	1.90
3	0.20	2.50	0.00	2.30
4	1.00	2.50	0.00	1.50
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	90.235

Line No:107- Ch. 1252.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	0.60	2.50	0.00	1.90
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	0.50	2.50	0.00	2.00
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	89.705



Line No:108- Ch. 1252.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.80	2.50	0.00	1.70
2	0.80	2.50	0.00	1.70
3	0.80	2.50	0.00	1.70
4	0.90	2.50	0.00	1.60
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	78.785

Line No:109- Ch. 1252.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.50	2.50	0.00	2.00
3	0.90	2.50	0.00	1.60
4	1.00	2.50	0.00	1.50
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	81.730

Line No:110- Ch. 1252.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.50	2.50	0.00	2.00
2	0.70	2.50	0.00	1.80
3	0.80	2.50	0.00	1.70
4	1.00	2.50	0.00	1.50
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	80.075

Line No:111- Ch. 1252.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	0.60	2.50	0.00	1.90
3	0.60	2.50	0.00	1.90
4	1.10	2.50	0.00	1.40
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	82.205

Line No:112- Ch. 1252.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	1.00	2.50	0.00	1.50
4	1.20	2.50	0.00	1.30
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	78.610

Line No:113- Ch. 1252.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.80	2.50	0.00	1.70
3	0.70	2.50	0.00	1.80
4	0.90	2.50	0.00	1.60
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	87.620

Line No:114- Ch. 1252.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.20	2.50	0.00	2.30
2	0.40	2.50	0.00	2.10
3	0.80	2.50	0.00	1.70
4	0.90	2.50	0.00	1.60
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	89.080

Line No:115- Ch. 1252.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.60	2.50	0.00	1.90
2	0.60	2.50	0.00	1.90
3	0.70	2.50	0.00	1.80
4	1.00	2.50	0.00	1.50
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	83.250

Line No:116- Ch. 1252.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.50	2.50	0.00	2.00
2	0.80	2.50	0.00	1.70
3	0.60	2.50	0.00	1.90
4	1.20	2.50	0.00	1.30
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	81.325

Line No:117- Ch. 1252.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	0.90	2.50	0.00	1.60
4	1.10	2.50	0.00	1.40
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	74.380



Line No:118- Ch. 1252.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	0.90	2.50	0.00	1.60
4	1.10	2.50	0.00	1.40
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	74.380

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Line No:119- Ch. 1252.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.90	2.50	0.00	1.60
2	1.30	2.50	0.00	1.20
3	1.40	2.50	0.00	1.10
4	1.50	2.50	0.00	1.00
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	56.575

Line No:120- Ch. 1252.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	1.00	2.50	0.00	1.50
3	1.30	2.50	0.00	1.20
4	1.40	2.50	0.00	1.10
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	65.350

Line No:121- Ch. 1252.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.70	2.50	0.00	1.80
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.40	2.50	0.00	1.10
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	64.850

Line No:122- Ch. 1252.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	0.80	2.50	0.00	1.70
3	0.90	2.50	0.00	1.60
4	1.20	2.50	0.00	1.30
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	73.970

Line No:123- Ch. 1252.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	1.00	2.50	0.00	1.50
4	1.10	2.50	0.00	1.40
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	74.615

Line No:124- Ch. 1252.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.00	2.50	0.00	1.50
2	0.90	2.50	0.00	1.60
3	1.30	2.50	0.00	1.20
4	1.40	2.50	0.00	1.10
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	62.270

Line No:125- Ch. 1252.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	0.80	2.50	0.00	1.70
2	1.10	2.50	0.00	1.40
3	1.00	2.50	0.00	1.50
4	1.30	2.50	0.00	1.20
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	66.665

Line No:126- Ch. 1252.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.50	2.50	0.00	1.00
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	1.30	2.50	0.00	1.20
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	59.545

Line No:127- Ch. 1252.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.60	2.50	0.00	0.90
2	1.30	2.50	0.00	1.20
3	1.00	2.50	0.00	1.50
4	1.60	2.50	0.00	0.90
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	51.525



Line No:128- Ch. 1252.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	1.20	2.50	0.00	1.30
2	1.70	2.50	0.00	0.80
3	1.50	2.50	0.00	1.00
4	1.40	2.50	0.00	1.10
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	50.110

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Line No:129- Ch. 1252.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.40	2.50	0.00	1.10
2	1.20	2.50	0.00	1.30
3	1.50	2.50	0.00	1.00
4	1.40	2.50	0.00	1.10
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	51.550

Line No:130- Ch. 1252.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.00	0.50
1	1.90	2.50	0.00	0.60
2	1.80	2.50	0.00	0.70
3	1.80	2.50	0.00	0.70
4	1.60	2.50	0.00	0.90
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	30.550

Line No:131- Ch. 1252.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.00	0.70
1	1.80	2.50	0.00	0.70
2	2.00	2.50	0.00	0.50
3	1.90	2.50	0.00	0.60
4	1.80	2.50	0.00	0.70
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	30.115

Line No:132- Ch. 1252.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.00	0.70
1	1.80	2.50	0.00	0.70
2	1.80	2.50	0.00	0.70
3	2.40	2.50	0.00	0.10
4	1.80	2.50	0.00	0.70
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	22.790

Line No:133- Ch. 1252.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.00	0.50
1	1.90	2.50	0.00	0.60
2	1.70	2.50	0.00	0.80
3	1.60	2.50	0.00	0.90
4	1.90	2.50	0.00	0.60
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	30.320

Line No:134- Ch. 1252.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.00	0.60
1	1.80	2.50	0.00	0.70
2	1.90	2.50	0.00	0.60
3	2.40	2.50	0.00	0.10
4	2.00	2.50	0.00	0.50
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	21.305

Line No:135- Ch. 1252.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.00	0.80
1	1.90	2.50	0.00	0.60
2	1.80	2.50	0.00	0.70
3	1.90	2.50	0.00	0.60
4	2.40	2.50	0.00	0.10
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	24.445

Line No:136- Ch. 1252.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.60	2.50	0.00	0.90
2	1.90	2.50	0.00	0.60
3	2.00	2.50	0.00	0.50
4	2.30	2.50	0.00	0.20
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	28.595

Line No:137- Ch. 1252.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.00	0.90
1	1.80	2.50	0.00	0.70
2	1.90	2.50	0.00	0.60
3	2.00	2.50	0.00	0.50
4	2.10	2.50	0.00	0.40
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	26.480



Line No:138- Ch. 1252.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.00	0.90
1	1.70	2.50	0.00	0.80
2	2.00	2.50	0.00	0.50
3	2.00	2.50	0.00	0.50
4	2.00	2.50	0.00	0.50
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	27.335

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Line No:139- Ch. 1252.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.30	2.50	0.00	1.20
2	1.60	2.50	0.00	0.90
3	1.70	2.50	0.00	0.80
4	1.90	2.50	0.00	0.60
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	38.645

Line No:140- Ch. 1252.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.50	2.50	0.00	1.00
2	1.60	2.50	0.00	0.90
3	2.00	2.50	0.00	0.50
4	2.40	2.50	0.00	0.10
5	2.40	2.50	0.00	0.10
Area by Simpson's rule (Sqm)			0.000	28.925

Line No:141- Ch. 1252.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	1.60	2.50	0.00	0.90
2	1.70	2.50	0.00	0.80
3	1.90	2.50	0.00	0.60
4	2.10	2.50	0.00	0.40
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	30.220

Line No:142- Ch. 1252.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	1.50	2.50	0.00	1.00
2	1.70	2.50	0.00	0.80
3	2.10	2.50	0.00	0.40
4	2.40	2.50	0.00	0.10
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	26.255

Line No:143- Ch. 1252.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.70	2.50	0.00	0.80
2	1.70	2.50	0.00	0.80
3	2.30	2.50	0.00	0.20
4	2.20	2.50	0.00	0.30
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	25.250

Line No:144- Ch. 1252.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.50	2.50	0.00	1.00
2	1.70	2.50	0.00	0.80
3	2.00	2.50	0.00	0.50
4	2.20	2.50	0.00	0.30
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	31.190

Line No:145- Ch. 1252.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.60	2.50	0.00	0.90
2	1.80	2.50	0.00	0.70
3	2.00	2.50	0.00	0.50
4	2.00	2.50	0.00	0.50
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	30.415

Line No:146- Ch. 1252.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.50	2.50	0.00	1.00
2	1.80	2.50	0.00	0.70
3	2.00	2.50	0.00	0.50
4	2.00	2.50	0.00	0.50
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	30.270

Line No:147- Ch. 1252.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.50	2.50	0.00	1.00
2	1.70	2.50	0.00	0.80
3	2.10	2.50	0.00	0.40
4	2.40	2.50	0.00	0.10
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	28.430



Line No:148- Ch. 1252.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.30	2.50	0.00	1.20
2	1.60	2.50	0.00	0.90
3	2.00	2.50	0.00	0.50
4	2.30	2.50	0.00	0.20
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	32.925

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Line No:149- Ch. 1252.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.00	2.50	0.00	1.50
2	1.50	2.50	0.00	1.00
3	1.90	2.50	0.00	0.60
4	2.20	2.50	0.00	0.30
5	2.80	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	40.470

Line No:150- Ch. 1252.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	1.60	2.50	0.00	0.90
3	2.10	2.50	0.00	0.40
4	2.30	2.50	0.00	0.20
5	2.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	36.245

Line No:151- Ch. 1252.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.20	2.50	0.00	1.30
2	1.40	2.50	0.00	1.10
3	1.80	2.50	0.00	0.70
4	2.40	2.50	0.00	0.10
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	37.895

Line No:152- Ch. 1252.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.10	2.50	0.00	1.40
2	1.30	2.50	0.00	1.20
3	2.00	2.50	0.00	0.50
4	2.40	2.50	0.00	0.10
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	37.770

Line No:153- Ch. 1252.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.20	2.50	0.00	1.30
2	1.70	2.50	0.00	0.80
3	1.80	2.50	0.00	0.70
4	1.90	2.50	0.00	0.60
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	41.715

Line No:154- Ch. 1252.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.70	2.50	0.00	1.80
2	1.30	2.50	0.00	1.20
3	1.80	2.50	0.00	0.70
4	2.20	2.50	0.00	0.30
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	48.370

Line No:155- Ch. 1252.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.10	2.50	0.00	1.40
2	1.40	2.50	0.00	1.10
3	1.90	2.50	0.00	0.60
4	1.90	2.50	0.00	0.60
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	41.645

Line No:156 - Ch. 1252.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	1.20	2.50	0.00	1.30
3	1.70	2.50	0.00	0.80
4	2.10	2.50	0.00	0.40
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	46.620

Line No:157- Ch. 1252.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.10	2.50	0.00	1.40
2	0.40	2.50	0.00	2.10
3	1.70	2.50	0.00	0.80
4	2.30	2.50	0.00	0.20
5	2.40	2.50	0.00	0.10
Area by Simpson's rule (Sqm)			0.000	47.500



Line No:158- Ch. 1252.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	1.10	2.50	0.00	1.40
2	1.30	2.50	0.00	1.20
3	1.40	2.50	0.00	1.10
4	2.10	2.50	0.00	0.40
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	48.200

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Line No:159- Ch. 1252.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.00	2.50	0.00	1.50
2	1.50	2.50	0.00	1.00
3	1.80	2.50	0.00	0.70
4	2.50	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	39.905

Line No:160- Ch. 1252.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	1.00	2.50	0.00	1.50
2	1.40	2.50	0.00	1.10
3	1.90	2.50	0.00	0.60
4	2.70	2.50	0.00	0.00
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	39.800

Line No:161- Ch. 1252.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.90	2.50	0.00	1.60
2	1.30	2.50	0.00	1.20
3	1.70	2.50	0.00	0.80
4	2.50	2.50	0.00	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	44.000

Line No:162- Ch. 1252.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.80	2.50	0.00	1.70
2	1.50	2.50	0.00	1.00
3	2.10	2.50	0.00	0.40
4	2.50	2.50	0.00	0.00
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	39.705

Line No:163- Ch. 1252.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	1.10	2.50	0.00	1.40
2	2.00	2.50	0.00	0.50
3	2.20	2.50	0.00	0.30
4	2.40	2.50	0.00	0.10
5	2.80	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	32.655

Line No:164- Ch. 1252.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	1.10	2.50	0.00	1.40
2	1.90	2.50	0.00	0.60
3	2.30	2.50	0.00	0.20
4	2.40	2.50	0.00	0.10
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	31.550

Line No:165- Ch. 1252.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.30	2.50	0.00	1.20
2	1.80	2.50	0.00	0.70
3	1.90	2.50	0.00	0.60
4	2.10	2.50	0.00	0.40
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	38.185

Line No:166- Ch. 1252.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.60	2.50	0.00	0.90
2	2.10	2.50	0.00	0.40
3	2.00	2.50	0.00	0.50
4	2.00	2.50	0.00	0.50
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	29.950

Line No:167- Ch. 1252.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.10	2.50	0.00	1.40
2	1.70	2.50	0.00	0.80
3	1.90	2.50	0.00	0.60
4	2.20	2.50	0.00	0.30
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	38.070



Line No:168- Ch. 1252.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.10	2.50	0.00	1.40
2	1.60	2.50	0.00	0.90
3	1.80	2.50	0.00	0.70
4	2.00	2.50	0.00	0.50
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	41.370

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Line No:169- Ch. 1252.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.50	2.50	0.00	1.00
2	1.60	2.50	0.00	0.90
3	1.70	2.50	0.00	0.80
4	2.20	2.50	0.00	0.30
5	2.40	2.50	0.00	0.10
Area by Simpson's rule (Sqm)			0.000	35.785

Line No:170- Ch. 1252.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.00	2.50	0.00	1.50
2	1.60	2.50	0.00	0.90
3	2.00	2.50	0.00	0.50
4	2.20	2.50	0.00	0.30
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	38.650

Line No:171- Ch. 1252.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.70	2.50	0.00	0.80
2	1.80	2.50	0.00	0.70
3	1.90	2.50	0.00	0.60
4	2.20	2.50	0.00	0.30
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	30.270

Line No:172- Ch. 1252.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.20	2.50	0.00	1.30
2	1.60	2.50	0.00	0.90
3	1.80	2.50	0.00	0.70
4	2.10	2.50	0.00	0.40
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	39.420

Line No:173- Ch. 1252.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.40	2.50	0.00	1.10
2	1.50	2.50	0.00	1.00
3	1.90	2.50	0.00	0.60
4	2.10	2.50	0.00	0.40
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	36.400

Line No:174- Ch. 1252.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.20	2.50	0.00	1.30
2	1.60	2.50	0.00	0.90
3	1.60	2.50	0.00	0.90
4	2.10	2.50	0.00	0.40
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	43.700

Line No:175- Ch. 1252.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.40	2.50	0.00	1.10
2	1.60	2.50	0.00	0.90
3	1.90	2.50	0.00	0.60
4	2.00	2.50	0.00	0.50
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	37.055

Line No:176- Ch. 1252.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.20	2.50	0.00	1.30
2	1.60	2.50	0.00	0.90
3	2.10	2.50	0.00	0.40
4	2.00	2.50	0.00	0.50
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	38.975

Line No:177- Ch. 1252.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.10	2.50	0.00	1.40
2	1.80	2.50	0.00	0.70
3	1.70	2.50	0.00	0.80
4	1.70	2.50	0.00	0.80
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	46.145



Line No:178- Ch. 1252.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.50	2.50	0.00	1.00
2	1.40	2.50	0.00	1.10
3	1.50	2.50	0.00	1.00
4	1.70	2.50	0.00	0.80
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	46.680

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Line No:179- Ch. 1252.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.00	2.50	0.00	1.50
2	1.60	2.50	0.00	0.90
3	1.50	2.50	0.00	1.00
4	1.30	2.50	0.00	1.20
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	56.975

Line No:180- Ch. 1252.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.50	2.50	0.00	1.00
2	1.40	2.50	0.00	1.10
3	1.30	2.50	0.00	1.20
4	1.30	2.50	0.00	1.20
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	54.200

Line No:181- Ch. 1252.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.50	2.50	0.00	1.00
2	1.40	2.50	0.00	1.10
3	1.30	2.50	0.00	1.20
4	1.30	2.50	0.00	1.20
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	54.200

Line No:182- Ch. 1252.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.20	2.50	0.00	1.30
2	1.20	2.50	0.00	1.30
3	1.40	2.50	0.00	1.10
4	1.30	2.50	0.00	1.20
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	56.900

Line No:183- Ch. 1252.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	0.90	2.50	0.00	1.60
3	1.50	2.50	0.00	1.00
4	1.60	2.50	0.00	0.90
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	57.895

Line No:184- Ch. 1252.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.20	2.50	0.00	1.30
2	1.20	2.50	0.00	1.30
3	1.60	2.50	0.00	0.90
4	1.90	2.50	0.00	0.60
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	47.720

Line No:185- Ch. 1252.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.90	2.50	0.00	1.60
2	1.20	2.50	0.00	1.30
3	1.50	2.50	0.00	1.00
4	1.80	2.50	0.00	0.70
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	54.635

Line No:186- Ch. 1252.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	1.20	2.50	0.00	1.30
3	1.40	2.50	0.00	1.10
4	1.50	2.50	0.00	1.00
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	59.245

Line No:187- Ch. 1252.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	1.00	2.50	0.00	1.50
3	1.20	2.50	0.00	1.30
4	1.50	2.50	0.00	1.00
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	60.220



Line No:188- Ch. 1252.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	0.90	2.50	0.00	1.60
3	1.30	2.50	0.00	1.20
4	1.90	2.50	0.00	0.60
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	57.315

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Line No:189- Ch. 1252.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	1.30	2.50	0.00	1.20
4	1.60	2.50	0.00	0.90
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	62.975

Line No:190- Ch. 1252.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.70	2.50	0.00	1.80
2	1.30	2.50	0.00	1.20
3	1.70	2.50	0.00	0.80
4	1.70	2.50	0.00	0.80
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	54.400

Line No:191- Ch. 1252.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.50	2.50	0.00	2.00
2	0.70	2.50	0.00	1.80
3	1.00	2.50	0.00	1.50
4	1.60	2.50	0.00	0.90
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	69.450

Line No:192- Ch. 1252.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	1.10	2.50	0.00	1.40
3	1.30	2.50	0.00	1.20
4	1.70	2.50	0.00	0.80
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	56.415

Line No:193- Ch. 1252.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	1.40	2.50	0.00	1.10
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	67.795

Line No:194- Ch. 1252.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	1.00	2.50	0.00	1.50
3	1.10	2.50	0.00	1.40
4	0.60	2.50	0.00	1.90
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	78.965

Line No:195- Ch. 1252.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	0.50	2.50	0.00	2.00
3	0.40	2.50	0.00	2.10
4	0.50	2.50	0.00	2.00
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	92.375

Line No:196- Ch. 1252.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	95.510

Line No:197- Ch. 1252.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.30	2.50	0.00	2.20
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	100.420



Line No:198- Ch. 1252.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	0.50	2.50	0.00	2.00
4	0.50	2.50	0.00	2.00
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	90.955

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Line No:199- Ch. 1252.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.50	2.50	0.00	2.00
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	96.055

Line No:200- Ch. 1252.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	0.50	2.50	0.00	2.00
3	0.40	2.50	0.00	2.10
4	0.50	2.50	0.00	2.00
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	93.355

Line No:201- Ch. 1251.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.70	2.50	0.00	1.80
3	0.50	2.50	0.00	2.00
4	0.80	2.50	0.00	1.70
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	87.425

Line No:202- Ch. 1251.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.60	2.50	0.00	1.90
3	1.20	2.50	0.00	1.30
4	1.40	2.50	0.00	1.10
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	71.705

Line No:203- Ch. 1251.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	1.30	2.50	0.00	1.20
3	1.50	2.50	0.00	1.00
4	1.50	2.50	0.00	1.00
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	59.120

Line No:204- Ch. 1251.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	0.70	2.50	0.00	1.80
3	1.40	2.50	0.00	1.10
4	1.40	2.50	0.00	1.10
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	63.550

Line No:205- Ch. 1251.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	0.70	2.50	0.00	1.80
3	1.40	2.50	0.00	1.10
4	1.40	2.50	0.00	1.10
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	63.550

Line No:206- Ch. 1251.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.60	2.50	0.00	1.90
2	1.00	2.50	0.00	1.50
3	1.20	2.50	0.00	1.30
4	1.30	2.50	0.00	1.20
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	67.280

Line No:207- Ch. 1251.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.50	2.50	0.00	2.00
3	0.20	2.50	0.00	2.30
4	1.00	2.50	0.00	1.50
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	89.545



Line No:208- Ch. 1251.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	93.935

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Line No:209- Ch. 1251.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.20	2.50	0.00	2.30
2	0.00	2.50	0.00	2.50
3	0.20	2.50	0.00	2.30
4	0.10	2.50	0.00	2.40
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	110.215

Line No:210- Ch. 1251.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.20	2.50	0.00	2.30
2	0.10	2.50	0.00	2.40
3	0.10	2.50	0.00	2.40
4	0.00	2.50	0.00	2.50
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	112.430

Line No:211- Ch. 1251.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.00	2.50	0.00	2.50
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	112.870

Line No:212- Ch. 1251.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.00	2.50	0.00	2.50
2	0.00	2.50	0.00	2.50
3	0.20	2.50	0.00	2.30
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	115.975

Line No:213- Ch. 1251.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.10	2.50	0.00	2.40
2	0.10	2.50	0.00	2.40
3	-0.10	2.50	0.00	2.60
4	-0.10	2.50	0.00	2.60
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	119.060

Line No:214- Ch. 1251.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	0.20	2.50	0.00	2.30
3	-0.10	2.50	0.00	2.60
4	-0.10	2.50	0.00	2.60
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	116.725

Line No:215- Ch. 1251.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.00	2.50	0.00	2.50
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	113.950

Line No:216- Ch. 1251.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.20	2.50	0.00	2.30
2	0.60	2.50	0.00	1.90
3	0.30	2.50	0.00	2.20
4	0.10	2.50	0.00	2.40
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	107.855

Line No:217- Ch. 1251.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.40	2.50	0.00	2.10
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	105.865



Line No:218- Ch. 1251.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.60	2.50	0.00	1.90
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	103.465

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Line No:219- Ch. 1251.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.80	2.50	0.00	1.70
2	0.20	2.50	0.00	2.30
3	0.30	2.50	0.00	2.20
4	0.60	2.50	0.00	1.90
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	93.850

Line No:220- Ch. 1251.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.10	2.50	0.00	2.40
4	0.00	2.50	0.00	2.50
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	107.535

Line No:221- Ch. 1251.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.30	2.50	0.00	2.20
2	0.30	2.50	0.00	2.20
3	0.10	2.50	0.00	2.40
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	110.735

Line No:222- Ch. 1251.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	-0.30	2.50	0.00	2.80
2	-0.30	2.50	0.00	2.80
3	-0.40	2.50	0.00	2.90
4	-0.30	2.50	0.00	2.80
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	131.540

Line No:223- Ch. 1251.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.10	2.50	0.00	2.40
2	-0.20	2.50	0.00	2.70
3	-0.40	2.50	0.00	2.90
4	-0.40	2.50	0.00	2.90
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	126.805

Line No:224- Ch. 1251.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	-0.30	2.50	0.00	2.80
3	-0.30	2.50	0.00	2.80
4	-0.30	2.50	0.00	2.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	125.065

Line No:225- Ch. 1251.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	-0.20	2.50	0.00	2.70
2	-0.60	2.50	0.00	3.10
3	-0.20	2.50	0.00	2.70
4	-0.50	2.50	0.00	3.00
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	134.200

Line No:226- Ch. 1251.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	-0.40	2.50	0.00	2.90
2	-0.50	2.50	0.00	3.00
3	-0.20	2.50	0.00	2.70
4	-0.40	2.50	0.00	2.90
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	134.495

Line No:227- Ch. 1251.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.20	2.50	0.00	2.70
2	-0.50	2.50	0.00	3.00
3	-0.30	2.50	0.00	2.80
4	0.10	2.50	0.00	2.40
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	132.145



Line No:228- Ch. 1251.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.30	2.50	0.00	2.80
2	-0.50	2.50	0.00	3.00
3	-0.50	2.50	0.00	3.00
4	-0.50	2.50	0.00	3.00
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	141.365

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Line No:229- Ch. 1251.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.20	2.50	0.00	2.70
2	-0.50	2.50	0.00	3.00
3	-0.50	2.50	0.00	3.00
4	-0.60	2.50	0.00	3.10
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	142.075

Line No:230- Ch. 1251.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	-0.50	2.50	0.00	3.00
4	-0.40	2.50	0.00	2.90
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	145.210

Line No:231- Ch. 1251.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.60	2.50	0.00	3.10
2	-0.60	2.50	0.00	3.10
3	-0.50	2.50	0.00	3.00
4	-0.60	2.50	0.00	3.10
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	147.910

Line No:232- Ch. 1251.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	-0.50	2.50	0.00	3.00
4	-0.40	2.50	0.00	2.90
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	140.930

Line No:233- Ch. 1251.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.40	2.50	0.00	2.90
2	-0.50	2.50	0.00	3.00
3	-0.50	2.50	0.00	3.00
4	-0.40	2.50	0.00	2.90
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	139.130

Line No:234- Ch. 1251.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.40	2.50	0.00	2.90
2	-0.20	2.50	0.00	2.70
3	-0.40	2.50	0.00	2.90
4	0.00	2.50	0.00	2.50
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	127.810

Line No:235- Ch. 1251.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.40	2.50	0.00	2.90
2	-0.40	2.50	0.00	2.90
3	0.10	2.50	0.00	2.40
4	0.40	2.50	0.00	2.10
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	122.570

Line No:236- Ch. 1251.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	-0.30	2.50	0.00	2.80
3	0.70	2.50	0.00	1.80
4	0.80	2.50	0.00	1.70
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	107.375

Line No:237- Ch. 1251.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	0.50	2.50	0.00	2.00
2	0.70	2.50	0.00	1.80
3	0.50	2.50	0.00	2.00
4	0.50	2.50	0.00	2.00
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	98.360



Line No:238- Ch. 1251.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	114.430

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Line No:239- Ch. 1251.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.90	2.50	0.00	1.60
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	0.70	2.50	0.00	1.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	93.940

Line No:240- Ch. 1251.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	0.60	2.50	0.00	1.90
2	0.30	2.50	0.00	2.20
3	0.20	2.50	0.00	2.30
4	0.10	2.50	0.00	2.40
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	111.620

Line No:241- Ch. 1251.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	0.40	2.50	0.00	2.10
3	0.30	2.50	0.00	2.20
4	0.00	2.50	0.00	2.50
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	96.825

Line No:242- Ch. 1251.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.70	2.50	0.00	1.80
2	0.60	2.50	0.00	1.90
3	0.00	2.50	0.00	2.50
4	0.30	2.50	0.00	2.20
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	98.500

Line No:243- Ch. 1251.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.30	2.50	0.00	2.20
4	0.60	2.50	0.00	1.90
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	94.325

Line No:244- Ch. 1251.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	0.40	2.50	0.00	2.10
4	0.20	2.50	0.00	2.30
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	93.650

Line No:245- Ch. 1251.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.80	2.50	0.00	1.70
2	0.50	2.50	0.00	2.00
3	3.10	2.50	0.00	0.00
4	3.10	2.50	0.00	0.00
5	3.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	38.945

Line No:246- Ch. 1251.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.90	2.50	0.00	1.60
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.30	2.50	0.00	1.20
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	65.755

Line No:247- Ch. 1251.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	1.20	2.50	0.00	1.30
3	1.40	2.50	0.00	1.10
4	1.60	2.50	0.00	0.90
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	57.950



Line No:248- Ch. 1251.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.80	2.50	0.00	1.70
2	1.20	2.50	0.00	1.30
3	1.40	2.50	0.00	1.10
4	1.70	2.50	0.00	0.80
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	57.280

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Line No:249- Ch. 1251.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.20	2.50	0.00	1.30
2	1.50	2.50	0.00	1.00
3	1.70	2.50	0.00	0.80
4	1.90	2.50	0.00	0.60
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	45.245

Line No:250- Ch. 1251.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.40	2.50	0.00	1.10
2	1.90	2.50	0.00	0.60
3	2.00	2.50	0.00	0.50
4	1.90	2.50	0.00	0.60
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	34.925

Line No:251- Ch. 1251.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	1.50	2.50	0.00	1.00
2	1.70	2.50	0.00	0.80
3	1.90	2.50	0.00	0.60
4	1.00	2.50	0.00	1.50
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	47.230

Line No:252- Ch. 1251.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.30	2.50	0.00	1.20
2	1.60	2.50	0.00	0.90
3	2.00	2.50	0.00	0.50
4	1.80	2.50	0.00	0.70
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	39.715

Line No:253- Ch. 1251.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	1.80	2.50	0.00	0.70
2	2.00	2.50	0.00	0.50
3	2.30	2.50	0.00	0.20
4	1.30	2.50	0.00	1.20
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	35.800

Line No:254- Ch. 1251.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.00	0.90
1	1.60	2.50	0.00	0.90
2	1.60	2.50	0.00	0.90
3	1.90	2.50	0.00	0.60
4	1.10	2.50	0.00	1.40
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	55.005

Line No:255- Ch. 1251.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.00	0.30
1	1.90	2.50	0.00	0.60
2	1.70	2.50	0.00	0.80
3	1.10	2.50	0.00	1.40
4	-1.00	2.50	0.00	3.50
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	76.290

Line No:256- Ch. 1251.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.00	0.60
1	2.30	2.50	0.00	0.20
2	2.30	2.50	0.00	0.20
3	0.60	2.50	0.00	1.90
4	-0.70	2.50	0.00	3.20
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	72.675

Line No:257- Ch. 1251.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.00	0.20
1	2.20	2.50	0.00	0.30
2	1.90	2.50	0.00	0.60
3	-1.00	2.50	0.00	3.50
4	-1.00	2.50	0.00	3.50
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	96.365



Line No:258- Ch. 1251.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.50	2.50	0.00	4.00
1	-1.40	2.50	0.00	3.90
2	-1.10	2.50	0.00	3.60
3	-1.10	2.50	0.00	3.60
4	-1.00	2.50	0.00	3.50
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	169.505

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Line No:259- Ch. 1251.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	2.00	2.50	0.00	0.50
2	1.20	2.50	0.00	1.30
3	-1.00	2.50	0.00	3.50
4	-1.10	2.50	0.00	3.60
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	104.675

Line No:260- Ch. 1251.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.00	0.20
1	1.50	2.50	0.00	1.00
2	-1.00	2.50	0.00	3.50
3	-1.00	2.50	0.00	3.50
4	-0.80	2.50	0.00	3.30
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	102.745

Line No:261- Ch. 1251.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.00	0.40
1	2.00	2.50	0.00	0.50
2	1.40	2.50	0.00	1.10
3	-0.10	2.50	0.00	2.60
4	-0.80	2.50	0.00	3.30
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	72.205

Line No:262- Ch. 1251.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.00	0.50
1	0.80	2.50	0.00	1.70
2	-0.40	2.50	0.00	2.90
3	-0.80	2.50	0.00	3.30
4	1.60	2.50	0.00	0.90
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	89.695

Line No:263- Ch. 1251.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.00	0.50
1	1.70	2.50	0.00	0.80
2	2.00	2.50	0.00	0.50
3	-0.30	2.50	0.00	2.80
4	-0.70	2.50	0.00	3.20
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	89.080

Line No:264- Ch. 1251.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.00	0.50
1	1.70	2.50	0.00	0.80
2	1.80	2.50	0.00	0.70
3	-0.50	2.50	0.00	3.00
4	-0.40	2.50	0.00	2.90
5	4.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	73.175

Line No:265- Ch. 1251.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	2.20	2.50	0.00	0.30
2	2.00	2.50	0.00	0.50
3	0.10	2.50	0.00	2.40
4	-0.10	2.50	0.00	2.60
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	65.915

Line No:266- Ch. 1251.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.00	0.40
1	1.00	2.50	0.00	1.50
2	0.70	2.50	0.00	1.80
3	0.10	2.50	0.00	2.40
4	1.20	2.50	0.00	1.30
5	3.30	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	68.630

Line No:267- Ch. 1251.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.00	0.80
1	1.60	2.50	0.00	0.90
2	1.00	2.50	0.00	1.50
3	0.50	2.50	0.00	2.00
4	0.40	2.50	0.00	2.10
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	78.065



Line No:268- Ch. 1251.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.00	0.70
1	1.10	2.50	0.00	1.40
2	0.30	2.50	0.00	2.20
3	1.50	2.50	0.00	1.00
4	1.90	2.50	0.00	0.60
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	51.220

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Line No:269- Ch. 1251.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.00	0.20
1	0.50	2.50	0.00	2.00
2	-0.10	2.50	0.00	2.60
3	1.70	2.50	0.00	0.80
4	1.90	2.50	0.00	0.60
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	57.715

Line No:270- Ch. 1251.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.40	2.50	0.00	2.10
2	0.60	2.50	0.00	1.90
3	1.60	2.50	0.00	0.90
4	0.00	2.50	0.00	2.50
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	84.105

Line No:271- Ch. 1251.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.50	2.50	0.00	2.00
2	0.90	2.50	0.00	1.60
3	1.00	2.50	0.00	1.50
4	0.30	2.50	0.00	2.20
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	79.180

Line No:272- Ch. 1251.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	1.00	2.50	0.00	1.50
2	1.00	2.50	0.00	1.50
3	0.90	2.50	0.00	1.60
4	0.80	2.50	0.00	1.70
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	71.545

Line No:273- Ch. 1251.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.00	0.90
1	1.10	2.50	0.00	1.40
2	1.40	2.50	0.00	1.10
3	1.00	2.50	0.00	1.50
4	0.80	2.50	0.00	1.70
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	67.610

Line No:274- Ch. 1251.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	1.70	2.50	0.00	0.80
2	1.70	2.50	0.00	0.80
3	2.50	2.50	0.00	0.00
4	1.80	2.50	0.00	0.70
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	31.025

Line No:275- Ch. 1251.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.00	1.10
1	1.70	2.50	0.00	0.80
2	2.00	2.50	0.00	0.50
3	3.10	2.50	0.00	0.00
4	2.00	2.50	0.00	0.50
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	24.175

Line No:276- Ch. 1251.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	2.30	2.50	0.00	0.20
2	2.80	2.50	0.00	0.00
3	2.60	2.50	0.00	0.00
4	2.50	2.50	0.00	0.00
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	11.175

Line No:277- Ch. 1251.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	2.00	2.50	0.00	0.50
2	2.20	2.50	0.00	0.30
3	3.20	2.50	0.00	0.00
4	3.00	2.50	0.00	0.00
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	14.920



Line No:278- Ch. 1251.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.00	0.60
1	2.10	2.50	0.00	0.40
2	3.20	2.50	0.00	0.00
3	2.50	2.50	0.00	0.00
4	2.00	2.50	0.00	0.50
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	13.925

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Line No:279- Ch. 1251.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.00	0.40
1	1.60	2.50	0.00	0.90
2	2.60	2.50	0.00	0.00
3	2.50	2.50	0.00	0.00
4	2.50	2.50	0.00	0.00
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	15.475

Line No:280- Ch. 1251.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.00	0.80
1	2.00	2.50	0.00	0.50
2	2.60	2.50	0.00	0.00
3	2.60	2.50	0.00	0.00
4	2.40	2.50	0.00	0.10
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	9.470

Line No:281- Ch. 1251.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	0.70	2.50	0.00	1.80
2	2.40	2.50	0.00	0.10
3	2.90	2.50	0.00	0.00
4	3.00	2.50	0.00	0.00
5	2.40	2.50	0.00	0.10
Area by Simpson's rule (Sqm)			0.000	26.975

Line No:282- Ch. 1251.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.00	0.80
1	1.80	2.50	0.00	0.70
2	1.50	2.50	0.00	1.00
3	2.50	2.50	0.00	0.00
4	2.80	2.50	0.00	0.00
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	24.995

Line No:283- Ch. 1251.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	4.10	2.50	0.00	0.00
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	66.080

Line No:284- Ch. 1251.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.40	2.50	0.00	2.10
2	1.10	2.50	0.00	1.40
3	1.60	2.50	0.00	0.90
4	1.90	2.50	0.00	0.60
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	62.900

Line No:285- Ch. 1251.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.10	2.50	0.00	2.40
2	0.40	2.50	0.00	2.10
3	2.10	2.50	0.00	0.40
4	2.00	2.50	0.00	0.50
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	62.910

Line No:286- Ch. 1251.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	1.60	2.50	0.00	0.90
2	2.60	2.50	0.00	0.00
3	1.90	2.50	0.00	0.60
4	1.80	2.50	0.00	0.70
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	37.250

Line No:287- Ch. 1251.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	1.40	2.50	0.00	1.10
2	1.60	2.50	0.00	0.90
3	2.30	2.50	0.00	0.20
4	1.80	2.50	0.00	0.70
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	39.715



Line No:288- Ch. 1251.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.40	2.50	0.00	1.10
2	3.30	2.50	0.00	0.00
3	2.30	2.50	0.00	0.20
4	1.80	2.50	0.00	0.70
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	28.790

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Line No:289- Ch. 1251.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	2.20	2.50	0.00	0.30
2	3.20	2.50	0.00	0.00
3	2.50	2.50	0.00	0.00
4	2.00	2.50	0.00	0.50
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	12.530

Line No:290- Ch. 1251.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.60	2.50	0.00	0.00
1	2.60	2.50	0.00	0.00
2	2.60	2.50	0.00	0.00
3	2.60	2.50	0.00	0.00
4	2.60	2.50	0.00	0.00
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	0.920



TDC

IWAJ



TOTAL AREA OF 2600M LENGTH & 45M WIDTH DREDGING AREA WITH SPACING BETWEEN EACH LINE = 10M

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
0	0.00	19.51	Sqm
1	0.00	39.05	Sqm
2	0.00	37.40	Sqm
3	0.00	72.55	Sqm
4	0.00	71.60	Sqm
5	0.00	92.87	Sqm
6	0.00	86.22	Sqm
7	0.00	93.73	Sqm
8	0.00	98.15	Sqm
9	0.00	73.05	Sqm
10	0.00	81.96	Sqm
11	0.00	83.15	Sqm
12	0.00	89.44	Sqm
13	0.00	83.56	Sqm
14	0.00	74.59	Sqm
15	0.00	68.53	Sqm
16	0.00	71.48	Sqm
17	0.00	51.87	Sqm
18	0.00	58.07	Sqm
19	0.00	62.36	Sqm
20	0.00	61.02	Sqm
21	0.00	66.04	Sqm
22	0.00	69.77	Sqm
23	0.00	77.26	Sqm
24	0.00	72.80	Sqm
25	0.00	77.99	Sqm
26	0.00	87.45	Sqm
27	0.00	94.93	Sqm
28	0.00	103.48	Sqm
29	0.00	96.28	Sqm
30	0.00	108.34	Sqm
31	0.00	114.83	Sqm
32	0.00	119.39	Sqm
33	0.00	117.55	Sqm
34	0.00	126.50	Sqm
35	0.00	119.72	Sqm
36	0.00	128.02	Sqm
37	0.00	122.14	Sqm
38	0.00	131.45	Sqm
39	0.00	123.12	Sqm
40	0.00	133.70	Sqm
41	0.00	110.35	Sqm
42	0.00	122.65	Sqm
43	0.00	110.04	Sqm
44	0.00	119.68	Sqm
45	0.00	118.94	Sqm
46	0.00	114.15	Sqm
47	0.00	101.54	Sqm
48	0.00	116.26	Sqm
49	0.00	99.27	Sqm
Total	0.00	4573.69	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
50	0.00	107.69	Sqm
51	0.00	102.31	Sqm
52	0.00	107.69	Sqm
53	0.00	95.71	Sqm
54	0.00	105.80	Sqm
55	0.00	92.93	Sqm
56	0.00	103.03	Sqm
57	0.00	110.26	Sqm
58	0.00	102.58	Sqm
59	0.00	110.16	Sqm
60	0.00	97.18	Sqm
61	0.00	103.11	Sqm
62	0.00	107.23	Sqm
63	0.00	112.24	Sqm
64	0.00	109.83	Sqm
65	0.00	112.06	Sqm
66	0.00	110.97	Sqm
67	0.00	117.10	Sqm
68	0.00	118.03	Sqm
69	0.00	113.33	Sqm
70	0.00	114.76	Sqm
71	0.00	119.35	Sqm
72	0.00	127.15	Sqm
73	0.00	132.55	Sqm
74	0.00	141.99	Sqm
75	0.00	141.13	Sqm
76	0.00	140.80	Sqm
77	0.00	140.30	Sqm
78	0.00	140.11	Sqm
79	0.00	145.96	Sqm
80	0.00	134.88	Sqm
81	0.00	135.76	Sqm
82	0.00	132.31	Sqm
83	0.00	133.39	Sqm
84	0.00	120.34	Sqm
85	0.00	100.15	Sqm
86	0.00	100.33	Sqm
87	0.00	90.31	Sqm
88	0.00	84.32	Sqm
89	0.00	87.12	Sqm
90	0.00	86.10	Sqm
91	0.00	80.30	Sqm
92	0.00	82.70	Sqm
93	0.00	78.32	Sqm
94	0.00	73.69	Sqm
95	0.00	84.19	Sqm
96	0.00	83.59	Sqm
97	0.00	82.50	Sqm
98	0.00	69.63	Sqm
99	0.00	79.87	Sqm
Total	0.00	5403.03	Sqm



TDC

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
100	0.00	79.60	Sqm
101	0.00	82.38	Sqm
102	0.00	73.08	Sqm
103	0.00	79.06	Sqm
104	0.00	72.63	Sqm
105	0.00	88.39	Sqm
106	0.00	90.24	Sqm
107	0.00	89.71	Sqm
108	0.00	78.79	Sqm
109	0.00	81.73	Sqm
110	0.00	80.08	Sqm
111	0.00	82.21	Sqm
112	0.00	78.61	Sqm
113	0.00	87.62	Sqm
114	0.00	89.08	Sqm
115	0.00	83.25	Sqm
116	0.00	81.33	Sqm
117	0.00	74.38	Sqm
118	0.00	74.38	Sqm
119	0.00	56.58	Sqm
120	0.00	65.35	Sqm
121	0.00	64.85	Sqm
122	0.00	73.97	Sqm
123	0.00	74.62	Sqm
124	0.00	62.27	Sqm
125	0.00	66.67	Sqm
126	0.00	59.55	Sqm
127	0.00	51.53	Sqm
128	0.00	50.11	Sqm
129	0.00	51.55	Sqm
130	0.00	30.55	Sqm
131	0.00	30.12	Sqm
132	0.00	22.79	Sqm
133	0.00	30.32	Sqm
134	0.00	21.31	Sqm
135	0.00	24.45	Sqm
136	0.00	28.60	Sqm
137	0.00	26.48	Sqm
138	0.00	27.34	Sqm
139	0.00	38.65	Sqm
140	0.00	28.93	Sqm
141	0.00	30.22	Sqm
142	0.00	26.26	Sqm
143	0.00	25.25	Sqm
144	0.00	31.19	Sqm
145	0.00	30.42	Sqm
146	0.00	30.27	Sqm
147	0.00	28.43	Sqm
148	0.00	32.93	Sqm
149	0.00	40.47	Sqm
150	0.00	36.25	Sqm
151	0.00	37.90	Sqm
152	0.00	37.77	Sqm
Total	0.00	2920.37	Sqm

IWAI



LINE NO.	AREA FOR SOFT	AREA FOR SOFT	Unit
153	0.00	41.72	Sqm
154	0.00	48.37	Sqm
155	0.00	41.65	Sqm
156	0.00	46.62	Sqm
157	0.00	47.50	Sqm
158	0.00	48.20	Sqm
159	0.00	39.91	Sqm
160	0.00	39.80	Sqm
161	0.00	44.00	Sqm
162	0.00	39.71	Sqm
163	0.00	32.66	Sqm
164	0.00	31.55	Sqm
165	0.00	38.19	Sqm
166	0.00	29.95	Sqm
167	0.00	38.07	Sqm
168	0.00	41.37	Sqm
169	0.00	35.79	Sqm
170	0.00	38.65	Sqm
171	0.00	30.27	Sqm
172	0.00	39.42	Sqm
173	0.00	36.40	Sqm
174	0.00	43.70	Sqm
175	0.00	37.06	Sqm
176	0.00	38.98	Sqm
177	0.00	46.15	Sqm
178	0.00	46.68	Sqm
179	0.00	56.98	Sqm
180	0.00	54.20	Sqm
181	0.00	54.20	Sqm
182	0.00	56.90	Sqm
183	0.00	57.90	Sqm
184	0.00	47.72	Sqm
185	0.00	54.64	Sqm
186	0.00	59.25	Sqm
187	0.00	60.22	Sqm
188	0.00	57.32	Sqm
189	0.00	62.98	Sqm
190	0.00	54.40	Sqm
191	0.00	69.45	Sqm
192	0.00	56.42	Sqm
193	0.00	67.80	Sqm
194	0.00	78.97	Sqm
195	0.00	92.38	Sqm
196	0.00	95.51	Sqm
197	0.00	100.42	Sqm
198	0.00	90.96	Sqm
199	0.00	96.06	Sqm
200	0.00	93.36	Sqm
201	0.00	87.43	Sqm
202	0.00	71.71	Sqm
203	0.00	59.12	Sqm
204	0.00	63.55	Sqm
205	0.00	63.55	Sqm
Total	0.00	2905.65	Sqm



IWAI



LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
206	0.00	67.28	Sqm
207	0.00	89.55	Sqm
208	0.00	93.94	Sqm
209	0.00	110.22	Sqm
210	0.00	112.43	Sqm
211	0.00	112.87	Sqm
212	0.00	115.98	Sqm
213	0.00	119.06	Sqm
214	0.00	116.73	Sqm
215	0.00	113.95	Sqm
216	0.00	107.86	Sqm
217	0.00	105.87	Sqm
218	0.00	103.47	Sqm
219	0.00	93.85	Sqm
220	0.00	107.54	Sqm
221	0.00	110.74	Sqm
222	0.00	131.54	Sqm
223	0.00	126.81	Sqm
224	0.00	125.07	Sqm
225	0.00	134.20	Sqm
226	0.00	134.50	Sqm
227	0.00	132.15	Sqm
228	0.00	141.37	Sqm
229	0.00	142.08	Sqm
230	0.00	145.21	Sqm
231	0.00	147.91	Sqm
232	0.00	140.93	Sqm
233	0.00	139.13	Sqm
234	0.00	127.81	Sqm
235	0.00	122.57	Sqm
236	0.00	107.38	Sqm
237	0.00	98.36	Sqm
238	0.00	114.43	Sqm
239	0.00	93.94	Sqm
240	0.00	111.62	Sqm
241	0.00	96.83	Sqm
242	0.00	98.50	Sqm
243	0.00	94.33	Sqm
244	0.00	93.65	Sqm
245	0.00	38.95	Sqm
246	0.00	65.76	Sqm
247	0.00	57.95	Sqm
248	0.00	57.28	Sqm
249	0.00	45.25	Sqm
250	0.00	34.93	Sqm
251	0.00	47.23	Sqm
252	0.00	39.72	Sqm
253	0.00	35.80	Sqm
254	0.00	55.01	Sqm
255	0.00	76.29	Sqm
256	0.00	72.68	Sqm
257	0.00	96.37	Sqm
258	0.00	169.51	Sqm
Total	0.00	5374.25	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
259	0.00	104.68	Sqm
260	0.00	102.75	Sqm
261	0.00	72.21	Sqm
262	0.00	89.70	Sqm
263	0.00	89.08	Sqm
264	0.00	73.18	Sqm
265	0.00	65.92	Sqm
266	0.00	68.63	Sqm
267	0.00	78.07	Sqm
268	0.00	51.22	Sqm
269	0.00	57.72	Sqm
270	0.00	84.11	Sqm
271	0.00	79.18	Sqm
272	0.00	71.55	Sqm
273	0.00	24.18	Sqm
274	0.00	31.03	Sqm
275	0.00	14.92	Sqm
276	0.00	11.18	Sqm
277	0.00	15.48	Sqm
278	0.00	13.93	Sqm
279	0.00	26.98	Sqm
280	0.00	9.47	Sqm
281	0.00	66.08	Sqm
282	0.00	25.00	Sqm
283	0.00	62.91	Sqm
284	0.00	62.90	Sqm
285	0.00	39.72	Sqm
286	0.00	37.25	Sqm
287	0.00	12.53	Sqm
288	0.00	28.79	Sqm
289	0.00	0.00	Sqm
290	0.00	0.92	Sqm
Total	0.00	1571.18	Sqm
G. Total	0.00	22748.16	Sqm

VOLUME CALCULATION BY TRAPEZOIDAL RULE [V=10/2{(A1+An)+2(A2+A3+A4+A5....)}]

Line No	Dredging Quantity (in Cu.M)	Remarks
0 to 290 (for Soft)	0	
Total Dredged Quantity for the chainage 1254.00 Km to 1251.06 Km (in Cu. m) : (for SOFT)	0 Cum	10/2*[(First Area + Last Area)+2*(sum of other areas)]
0 to 290 (for Hard)	227379.48	
Total Dredged Quantity for the chainage 1254.00 Km to 1251.06 Km (in Cu. m) : (for HARD)	227380 Cum	10/2*[(First Area + Last Area)+2*(sum of other areas)]



IWAI



Name of Work : Dredging operation at Hard strata area in between D/s Ramghat (Chainage.1249.60 Km) to D/s Chakeri (Chainage.1242.00 Km) in National Waterway No.1

Pre Dredging Survey : As per detail hydrographic survey carried out by IWAI Varanasi office during 02.05.19 to 27.05.19

Proposed Width of dredging : 45 m

Depth of cut : (+)2.50m with respect to average LWL of last 10 years

Line No: 0 (Base Line/Start Line) - Ch. 1249.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.30	0.00
1	2.50	2.50	0.00	0.00
2	3.10	2.50	0.00	0.00
3	2.70	2.50	0.00	0.00
4	2.30	2.50	0.20	0.00
5	2.20	2.50	0.30	0.00
Area by Simpson's rule (Sqm)			3.840	0.180

Line No:1 - Ch. 1249.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.60	2.50	0.00	0.00
1	2.40	2.50	0.10	0.00
2	2.50	2.50	0.00	0.00
3	2.40	2.50	0.10	0.00
4	2.20	2.50	0.30	0.00
5	2.10	2.50	0.40	0.00
Area by Simpson's rule (Sqm)			6.530	0.160

Line No:2 - Ch. 1249.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.40	0.00
1	2.10	2.50	0.40	0.00
2	2.40	2.50	0.10	0.00
3	2.10	2.50	0.40	0.00
4	2.30	2.50	0.20	0.00
5	2.30	2.50	0.20	0.00
Area by Simpson's rule (Sqm)			13.900	0.200

Line No:3 - Ch. 1249.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.20	0.00
1	2.30	2.50	0.20	0.00
2	2.70	2.50	0.00	0.00
3	2.20	2.50	0.30	0.00
4	2.30	2.50	0.20	0.00
5	2.10	2.50	0.40	0.00
Area by Simpson's rule (Sqm)			10.000	0.200

Line No:4 - Ch. 1249.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.20	0.00
1	2.20	2.50	0.30	0.00
2	2.20	2.50	0.30	0.00
3	2.00	2.50	0.50	0.00
4	1.90	2.50	0.60	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			18.895	0.290

Line No:5 - Ch. 1249.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.40	0.00
1	1.90	2.50	0.60	0.00
2	1.90	2.50	0.60	0.00
3	2.00	2.50	0.50	0.00
4	1.80	2.50	0.70	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			26.725	0.650

Line No:6 - Ch. 1249.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.20	0.00
1	1.80	2.50	0.70	0.00
2	1.60	2.50	0.90	0.00
3	1.40	2.50	1.10	0.00
4	1.40	2.50	1.10	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			41.990	1.480



Line No:7 - Ch. 1249.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.70	2.50	0.80	0.00
2	1.50	2.50	1.00	0.00
3	1.50	2.50	1.00	0.00
4	1.50	2.50	1.00	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			42.820	1.640

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Line No:8 - Ch. 1249.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.50	2.50	1.00	0.00
2	1.60	2.50	0.90	0.00
3	1.30	2.50	1.20	0.00
4	1.30	2.50	1.20	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			49.460	2.020

Line No:9 - Ch. 1249.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.30	2.50	1.20	0.00
2	1.60	2.50	0.90	0.00
3	1.40	2.50	1.10	0.00
4	1.40	2.50	1.10	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			49.525	1.850

Line No:10 - Ch. 1249.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.20	2.50	1.30	0.00
2	1.70	2.50	0.80	0.00
3	1.40	2.50	1.10	0.00
4	1.40	2.50	1.10	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			50.350	2.000

Line No:11 - Ch. 1249.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.70	2.50	0.80	0.00
2	1.90	2.50	0.60	0.00
3	1.70	2.50	0.80	0.00
4	1.30	2.50	1.20	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			40.300	2.000

Line No:12 - Ch. 1249.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.40	2.50	1.10	0.00
2	1.70	2.50	0.80	0.00
3	1.50	2.50	1.00	0.00
4	1.30	2.50	1.20	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			49.440	2.880

Line No:13 - Ch. 1249.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	1.40	2.50	1.10	0.00
2	1.40	2.50	1.10	0.00
3	1.30	2.50	1.20	0.00
4	1.10	2.50	1.40	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			58.325	4.450

Line No:14 - Ch. 1249.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	1.70	2.50	0.80	0.00
2	1.60	2.50	0.90	0.00
3	1.40	2.50	1.10	0.00
4	2.00	2.50	0.50	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			40.990	2.180

Line No:15 - Ch. 1249.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	1.40	2.50	1.10	0.00
2	1.40	2.50	1.10	0.00
3	1.30	2.50	1.20	0.00
4	1.30	2.50	1.20	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			53.800	2.900

Line No:16 - Ch. 1249.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.70	2.50	0.80	0.00
2	1.90	2.50	0.60	0.00
3	1.70	2.50	0.80	0.00
4	1.40	2.50	1.10	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			41.245	2.690



Line No:17 - Ch. 1249.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.40	2.50	1.10	0.00
2	1.20	2.50	1.30	0.00
3	1.00	2.50	1.50	0.00
4	1.00	2.50	1.50	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			62.445	3.690

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Line No:18 - Ch. 1249.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.30	2.50	1.20	0.00
2	1.30	2.50	1.20	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			59.750	4.000

Line No:19 - Ch. 1249.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.30	2.50	1.20	0.00
2	1.20	2.50	1.30	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			59.745	3.690

Line No:20 - Ch. 1249.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.20	2.50	1.30	0.00
2	1.20	2.50	1.30	0.00
3	1.10	2.50	1.40	0.00
4	1.40	2.50	1.10	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			60.645	3.690

Line No:21 - Ch. 1249.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.00	2.50	1.50	0.00
2	0.90	2.50	1.60	0.00
3	1.00	2.50	1.50	0.00
4	1.30	2.50	1.20	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			64.680	3.060

Line No:22 - Ch. 1249.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	1.20	2.50	1.30	0.00
2	0.60	2.50	1.90	0.00
3	1.10	2.50	1.40	0.00
4	1.00	2.50	1.50	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			67.070	4.240

Line No:23 - Ch. 1249.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.80	2.50	1.70	0.00
2	1.00	2.50	1.50	0.00
3	1.00	2.50	1.50	0.00
4	1.00	2.50	1.50	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			72.365	4.930

Line No:24 - Ch. 1249.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.90	2.50	1.60	0.00
2	1.00	2.50	1.50	0.00
3	0.90	2.50	1.60	0.00
4	0.80	2.50	1.70	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			73.390	4.580

Line No:25 - Ch. 1249.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.90	2.50	1.60	0.00
2	0.90	2.50	1.60	0.00
3	0.80	2.50	1.70	0.00
4	0.70	2.50	1.80	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			78.340	5.780

Line No:26 - Ch. 1249.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	0.90	2.50	1.60	0.00
2	0.80	2.50	1.70	0.00
3	0.90	2.50	1.60	0.00
4	0.80	2.50	1.70	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			74.405	4.210



Line No:27 - Ch. 1249.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.80	2.50	1.70	0.00
2	0.90	2.50	1.60	0.00
3	0.90	2.50	1.60	0.00
4	0.90	2.50	1.60	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			76.840	5.780

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Line No:28 - Ch. 1249.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.10	2.50	1.40	0.00
2	1.00	2.50	1.50	0.00
3	0.90	2.50	1.60	0.00
4	0.40	2.50	2.10	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			78.490	6.980

Line No:29 - Ch. 1249.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.80	2.50	0.70	0.00
2	1.30	2.50	1.20	0.00
3	0.70	2.50	1.80	0.00
4	0.70	2.50	1.80	0.00
5	0.40	2.50	2.10	0.00
Area by Simpson's rule (Sqm)			66.675	5.850

Line No:30 - Ch. 1249.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.50	2.50	1.00	0.00
2	1.30	2.50	1.20	0.00
3	1.10	2.50	1.40	0.00
4	1.40	2.50	1.10	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			52.750	2.000

Line No:31 - Ch. 1249.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.85	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	1.30	2.50	1.20	0.00
2	1.20	2.50	1.30	0.00
3	1.40	2.50	1.10	0.00
4	1.60	2.50	0.90	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			51.055	2.210

Line No:32 - Ch. 1249.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 3	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	2.10	2.50	0.40	0.00
2	2.00	2.50	0.50	0.00
3	1.80	2.50	0.70	0.00
4	1.30	2.50	1.20	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			36.980	3.460

Line No:33 - Ch. 1249.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 3	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.80	2.50	0.00	0.00
1	2.00	2.50	0.50	0.00
2	1.80	2.50	0.70	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			40.550	1.000

Line No:34 - Ch. 1249.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 3	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.10	0.00
1	2.30	2.50	0.20	0.00
2	1.90	2.50	0.60	0.00
3	1.50	2.50	1.00	0.00
4	1.60	2.50	0.90	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			31.750	1.700



Line No:35 - Ch. 1249.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 3	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.20	0.00
1	2.10	2.50	0.40	0.00
2	1.70	2.50	0.80	0.00
3	1.90	2.50	0.60	0.00
4	1.10	2.50	1.40	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			37.640	3.280

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Line No:36 - Ch. 1248.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.20	0.00
1	2.30	2.50	0.20	0.00
2	2.30	2.50	0.20	0.00
3	1.70	2.50	0.80	0.00
4	1.20	2.50	1.30	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			30.850	2.000

Line No:37 - Ch. 1248.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.70	2.50	0.00	0.00
1	2.10	2.50	0.40	0.00
2	2.10	2.50	0.40	0.00
3	2.10	2.50	0.40	0.00
4	1.20	2.50	1.30	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			31.470	3.240

Line No:38 - Ch. 1248.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.10	0.00
1	2.30	2.50	0.20	0.00
2	1.80	2.50	0.70	0.00
3	1.50	2.50	1.00	0.00
4	1.30	2.50	1.20	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			33.460	1.220

Line No:39 - Ch. 1248.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.20	0.00
1	2.00	2.50	0.50	0.00
2	1.60	2.50	0.90	0.00
3	1.30	2.50	1.20	0.00
4	1.60	2.50	0.90	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			37.625	0.850

Line No:40 - Ch. 1248.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.40	0.00
1	1.40	2.50	1.10	0.00
2	1.30	2.50	1.20	0.00
3	1.60	2.50	0.90	0.00
4	1.40	2.50	1.10	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			46.285	1.370

Line No:41 - Ch. 1248.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.60	2.50	0.90	0.00
2	1.60	2.50	0.90	0.00
3	1.50	2.50	1.00	0.00
4	1.50	2.50	1.00	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			42.875	1.450

Line No:42 - Ch. 1248.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.50	0.00
1	1.70	2.50	0.80	0.00
2	2.10	2.50	0.40	0.00
3	1.80	2.50	0.70	0.00
4	1.40	2.50	1.10	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			36.970	1.940

Line No:43 - Ch. 1248.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.80	2.50	0.70	0.00
2	2.30	2.50	0.20	0.00
3	1.90	2.50	0.60	0.00
4	2.10	2.50	0.40	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			28.640	2.080

Line No:44 - Ch. 1248.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.60	0.00
1	2.00	2.50	0.50	0.00
2	1.80	2.50	0.70	0.00
3	1.70	2.50	0.80	0.00
4	1.30	2.50	1.20	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			36.900	1.800



Line No:45 - Ch. 1248.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.40	0.00
1	2.30	2.50	0.20	0.00
2	2.00	2.50	0.50	0.00
3	2.00	2.50	0.50	0.00
4	1.60	2.50	0.90	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			26.125	1.850

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Line No:46 - Ch. 1248.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.5	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.50	0.00
1	1.90	2.50	0.60	0.00
2	1.80	2.50	0.70	0.00
3	1.50	2.50	1.00	0.00
4	1.50	2.50	1.00	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			38.645	1.690

Line No:47 - Ch. 1248.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	1.80	2.50	0.70	0.00
2	1.50	2.50	1.00	0.00
3	1.50	2.50	1.00	0.00
4	1.10	2.50	1.40	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			44.800	1.700

Line No:48 - Ch. 1248.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.50	2.50	1.00	0.00
2	1.40	2.50	1.10	0.00
3	1.30	2.50	1.20	0.00
4	1.10	2.50	1.40	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			56.325	4.050

Line No:49 - Ch. 1248.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.50	2.50	1.00	0.00
2	1.10	2.50	1.40	0.00
3	1.10	2.50	1.40	0.00
4	0.80	2.50	1.70	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			60.335	2.770

Line No:50 - Ch. 1248.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.40	2.50	1.10	0.00
2	1.10	2.50	1.40	0.00
3	0.90	2.50	1.60	0.00
4	0.50	2.50	2.00	0.00
5	0.40	2.50	2.10	0.00
Area by Simpson's rule (Sqm)			70.955	5.410

Line No:51 - Ch. 1248.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.50	0.00
1	1.40	2.50	1.10	0.00
2	1.20	2.50	1.30	0.00
3	1.20	2.50	1.30	0.00
4	1.30	2.50	1.20	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			53.920	1.940

Line No:52 - Ch. 1248.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	0.90	2.50	1.60	0.00
2	0.80	2.50	1.70	0.00
3	0.80	2.50	1.70	0.00
4	0.70	2.50	1.80	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			78.400	5.300

Line No:53 - Ch. 1248.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.20	2.50	1.30	0.00
2	1.00	2.50	1.50	0.00
3	0.70	2.50	1.80	0.00
4	0.60	2.50	1.90	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			74.915	4.930

Line No:54 - Ch. 1248.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	0.90	2.50	1.60	0.00
2	0.90	2.50	1.60	0.00
3	0.70	2.50	1.80	0.00
4	0.70	2.50	1.80	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			76.955	4.210



Line No:55 - Ch. 1248.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	0.90	2.50	1.60	0.00
2	0.90	2.50	1.60	0.00
3	0.70	2.50	1.80	0.00
4	0.80	2.50	1.70	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			76.055	0.000

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Line No:56 - Ch. 1248.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.40	2.50	2.10	0.00
2	0.50	2.50	2.00	0.00
3	0.80	2.50	1.70	0.00
4	0.90	2.50	1.60	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			82.840	0.000

Line No:57 - Ch. 1248.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.70	2.50	1.80	0.00
2	0.60	2.50	1.90	0.00
3	0.60	2.50	1.90	0.00
4	0.70	2.50	1.80	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			85.415	6.130

Line No:58 - Ch. 1248.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.80	2.50	1.70	0.00
2	0.70	2.50	1.80	0.00
3	0.70	2.50	1.80	0.00
4	1.00	2.50	1.50	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			76.715	4.330

Line No:59 - Ch. 1248.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.70	2.50	1.80	0.00
2	0.70	2.50	1.80	0.00
3	0.70	2.50	1.80	0.00
4	0.90	2.50	1.60	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			79.715	4.930

Line No:60 - Ch. 1248.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.60	2.50	1.90	0.00
2	0.60	2.50	1.90	0.00
3	0.70	2.50	1.80	0.00
4	0.70	2.50	1.80	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			84.085	5.570

Line No:61 - Ch. 1248.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.50	2.50	2.00	0.00
2	0.50	2.50	2.00	0.00
3	0.80	2.50	1.70	0.00
4	0.70	2.50	1.80	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			85.775	6.250

Line No:62 - Ch. 1248.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.00	0.10
1	0.60	2.50	1.90	0.00
2	0.40	2.50	2.00	0.10
3	0.70	2.50	1.80	0.00
4	0.80	2.50	1.70	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			85.025	7.155

Line No:63 - Ch. 1248.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.00	0.20
1	0.20	2.50	2.00	0.30
2	0.50	2.50	2.00	0.00
3	0.50	2.50	2.00	0.00
4	0.80	2.50	1.70	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			88.030	10.180

Line No:64 - Ch. 1248.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.00	0.10
1	0.60	2.50	1.90	0.00
2	0.60	2.50	1.90	0.00
3	0.80	2.50	1.70	0.00
4	0.70	2.50	1.80	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			83.380	6.265



Line No:65 - Ch. 1248.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.40	2.50	2.00	0.10
2	0.50	2.50	2.00	0.00
3	0.70	2.50	1.80	0.00
4	0.80	2.50	1.70	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			85.630	7.160

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Line No:66 - Ch. 1248.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.00	0.40
1	0.30	2.50	2.00	0.20
2	0.50	2.50	2.00	0.00
3	0.80	2.50	1.70	0.00
4	0.90	2.50	1.60	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			84.275	9.930

Line No:67 - Ch. 1248.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.00	0.10
1	0.40	2.50	2.00	0.10
2	0.70	2.50	1.80	0.00
3	0.80	2.50	1.70	0.00
4	0.80	2.50	1.70	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			84.430	8.065

Line No:68 - Ch. 1248.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.00	0.20
1	0.30	2.50	2.00	0.20
2	0.60	2.50	1.90	0.00
3	0.90	2.50	1.60	0.00
4	0.80	2.50	1.70	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			82.630	8.980

Line No:69 - Ch. 1248.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.00	0.40
1	0.50	2.50	2.00	0.00
2	0.60	2.50	1.90	0.00
3	0.50	2.50	2.00	0.00
4	0.70	2.50	1.80	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			90.620	8.520

Line No:70 - Ch. 1248.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.00	0.10
1	0.30	2.50	2.00	0.20
2	0.50	2.50	2.00	0.00
3	0.60	2.50	1.90	0.00
4	0.80	2.50	1.70	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			87.425	8.955

Line No:71 - Ch. 1248.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.00	0.30
1	0.30	2.50	2.00	0.20
2	0.40	2.50	2.00	0.10
3	0.60	2.50	1.90	0.00
4	0.80	2.50	1.70	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			86.830	9.905

Line No:72 - Ch. 1248.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.00	0.30
1	0.20	2.50	2.00	0.30
2	0.80	2.50	1.70	0.00
3	1.00	2.50	1.50	0.00
4	1.10	2.50	1.40	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			77.395	10.235

Line No:73 - Ch. 1248.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.00	0.30
1	0.10	2.50	2.00	0.40
2	0.70	2.50	1.80	0.00
3	1.00	2.50	1.50	0.00
4	1.00	2.50	1.50	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			79.925	11.995

Line No:74 - Ch. 1248.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.00	0.60
1	0.70	2.50	1.80	0.00
2	1.00	2.50	1.50	0.00
3	0.80	2.50	1.70	0.00
4	0.80	2.50	1.70	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			80.845	8.870



Line No:75 - Ch. 1248.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.00	0.30
1	0.30	2.50	2.00	0.20
2	0.50	2.50	2.00	0.00
3	0.80	2.50	1.70	0.00
4	0.90	2.50	1.60	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			84.275	9.595

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Line No:76 - Ch. 1248.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.00	0.20
1	0.30	2.50	2.00	0.20
2	0.40	2.50	2.00	0.10
3	0.80	2.50	1.70	0.00
4	1.40	2.50	1.10	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			78.770	9.060

Line No:77 - Ch. 1248.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.10	0.00
1	2.40	2.50	0.10	0.00
2	2.40	2.50	0.10	0.00
3	2.30	2.50	0.20	0.00
4	2.30	2.50	0.20	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			8.380	0.260

Line No:78 - Ch. 1248.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.60	2.50	0.00	0.00
1	2.20	2.50	0.30	0.00
2	2.00	2.50	0.50	0.00
3	1.80	2.50	0.70	0.00
4	1.60	2.50	0.90	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			25.145	0.490

Line No:79 - Ch. 1248.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.20	0.00
1	2.60	2.50	0.00	0.00
2	1.90	2.50	0.60	0.00
3	1.90	2.50	0.60	0.00
4	1.90	2.50	0.60	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			18.295	0.290

Line No:80 - Ch. 1248.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.10	0.00
1	2.10	2.50	0.40	0.00
2	2.20	2.50	0.30	0.00
3	1.70	2.50	0.80	0.00
4	1.90	2.50	0.60	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			23.885	0.370

Line No:81 - Ch. 1248.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.60	0.00
1	2.10	2.50	0.40	0.00
2	1.80	2.50	0.70	0.00
3	1.80	2.50	0.70	0.00
4	1.50	2.50	1.00	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			30.275	0.850

Line No:82 - Ch. 1248.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.20	0.00
1	2.00	2.50	0.50	0.00
2	2.10	2.50	0.40	0.00
3	1.70	2.50	0.80	0.00
4	2.00	2.50	0.50	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			24.745	0.290

Line No:83 - Ch. 1248.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	2.20	2.50	0.30	0.00
2	2.10	2.50	0.40	0.00
3	1.80	2.50	0.70	0.00
4	1.80	2.50	0.70	0.00
5	1.70	2.50	0.80	0.00
Area by Simpson's rule (Sqm)			26.290	1.280

Line No:84 - Ch. 1248.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.30	0.00
1	1.90	2.50	0.60	0.00
2	2.20	2.50	0.30	0.00
3	1.70	2.50	0.80	0.00
4	1.70	2.50	0.80	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			28.425	0.450



Line No:85 - Ch. 1248.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.90	2.50	0.60	0.00
2	1.60	2.50	0.90	0.00
3	2.10	2.50	0.40	0.00
4	2.10	2.50	0.40	0.00
5	2.10	2.50	0.40	0.00
Area by Simpson's rule (Sqm)			25.385	0.970

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Line No:86 - Ch. 1248.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	1.90	2.50	0.60	0.00
2	2.10	2.50	0.40	0.00
3	2.00	2.50	0.50	0.00
4	1.80	2.50	0.70	0.00
5	2.30	2.50	0.20	0.00
Area by Simpson's rule (Sqm)			24.115	0.530

Line No:87 - Ch. 1248.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.60	0.00
1	1.70	2.50	0.80	0.00
2	1.50	2.50	1.00	0.00
3	1.90	2.50	0.60	0.00
4	2.20	2.50	0.30	0.00
5	2.40	2.50	0.10	0.00
Area by Simpson's rule (Sqm)			27.485	0.370

Line No:88 - Ch. 1248.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.60	2.50	0.90	0.00
2	1.60	2.50	0.90	0.00
3	2.10	2.50	0.40	0.00
4	2.20	2.50	0.30	0.00
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			26.355	0.810

Line No:89 - Ch. 1248.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	2.00	2.50	0.50	0.00
2	2.30	2.50	0.20	0.00
3	2.00	2.50	0.50	0.00
4	2.50	2.50	0.00	0.00
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			15.545	0.490

Line No:90 - Ch. 1248.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.70	2.50	0.80	0.00
2	2.00	2.50	0.50	0.00
3	2.60	2.50	0.00	0.00
4	3.20	2.50	0.00	0.00
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			15.320	0.640

Line No:91 - Ch. 1248.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.60	2.50	0.90	0.00
2	2.10	2.50	0.40	0.00
3	2.40	2.50	0.10	0.00
4	2.80	2.50	0.00	0.00
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			17.900	1.000

Line No:92 - Ch. 1248.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	1.60	2.50	0.90	0.00
2	2.10	2.50	0.40	0.00
3	2.40	2.50	0.10	0.00
4	2.60	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			18.305	1.210

Line No:93 - Ch. 1248.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.70	2.50	0.80	0.00
2	2.30	2.50	0.20	0.00
3	2.60	2.50	0.00	0.00
4	2.60	2.50	0.00	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			14.300	1.000

Line No:94 - Ch. 1248.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.70	2.50	0.80	0.00
2	2.30	2.50	0.20	0.00
3	2.60	2.50	0.00	0.00
4	2.60	2.50	0.00	0.00
5	2.80	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			13.905	0.810



Line No:95 - Ch. 1248.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	2.00	2.50	0.50	0.00
2	2.30	2.50	0.20	0.00
3	2.50	2.50	0.00	0.00
4	2.80	2.50	0.00	0.00
5	2.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			9.545	0.490

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Line No:96 - Ch. 1248.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	2.10	2.50	0.40	0.00
2	2.00	2.50	0.50	0.00
3	2.20	2.50	0.30	0.00
4	2.60	2.50	0.00	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			14.900	1.000

Line No:97 - Ch. 1248.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.50	0.00
1	2.20	2.50	0.30	0.00
2	2.10	2.50	0.40	0.00
3	2.40	2.50	0.10	0.00
4	2.60	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			8.825	0.250

Line No:98 - Ch. 1248.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.60	2.50	0.90	0.00
2	2.20	2.50	0.30	0.00
3	2.30	2.50	0.20	0.00
4	2.40	2.50	0.10	0.00
5	2.20	2.50	0.30	0.00
Area by Simpson's rule (Sqm)			21.465	1.530

Line No:99 - Ch. 1248.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	2.00	2.50	0.50	0.00
2	2.30	2.50	0.20	0.00
3	2.50	2.50	0.00	0.00
4	2.40	2.50	0.10	0.00
5	3.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			11.055	0.810

Line No:100 - Ch. 1248.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.50	2.50	1.00	0.00
2	1.90	2.50	0.60	0.00
3	2.10	2.50	0.40	0.00
4	2.30	2.50	0.20	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			26.220	1.440

Line No:101 - Ch. 1248.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.60	2.50	0.90	0.00
2	1.90	2.50	0.60	0.00
3	2.30	2.50	0.20	0.00
4	2.50	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			21.120	1.440

Line No:102 - Ch. 1248.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.60	2.50	0.90	0.00
2	1.90	2.50	0.60	0.00
3	1.90	2.50	0.60	0.00
4	2.30	2.50	0.20	0.00
5	2.80	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			27.845	1.690

Line No:103 - Ch. 1248.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.80	2.50	0.70	0.00
2	2.30	2.50	0.20	0.00
3	2.20	2.50	0.30	0.00
4	2.30	2.50	0.20	0.00
5	2.30	2.50	0.20	0.00
Area by Simpson's rule (Sqm)			19.940	1.480

Line No:104 - Ch. 1248.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	2.10	2.50	0.40	0.00
2	2.00	2.50	0.50	0.00
3	2.00	2.50	0.50	0.00
4	2.20	2.50	0.30	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			21.530	1.060



Line No:105 - Ch. 1248.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.70	2.50	0.80	0.00
2	1.30	2.50	1.20	0.00
3	1.50	2.50	1.00	0.00
4	1.50	2.50	1.00	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			45.620	2.440

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Line No:106 - Ch. 1248.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.30	2.50	1.20	0.00
2	1.40	2.50	1.10	0.00
3	1.30	2.50	1.20	0.00
4	1.70	2.50	0.80	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			48.095	1.690

Line No:107 - Ch. 1248.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	1.10	2.50	1.40	0.00
2	1.10	2.50	1.40	0.00
3	1.40	2.50	1.10	0.00
4	1.30	2.50	1.20	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			54.185	1.570

Line No:108 - Ch. 1248.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	1.00	2.50	1.50	0.00
2	1.50	2.50	1.00	0.00
3	1.70	2.50	0.80	0.00
4	1.50	2.50	1.00	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			54.815	4.930

Line No:109 - Ch. 1248.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.40	2.50	1.10	0.00
2	0.90	2.50	1.60	0.00
3	1.00	2.50	1.50	0.00
4	1.20	2.50	1.30	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			60.295	2.690

Line No:110 - Ch. 1248.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	1.00	2.50	1.50	0.00
2	1.10	2.50	1.40	0.00
3	1.20	2.50	1.30	0.00
4	1.40	2.50	1.10	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			60.785	3.370

Line No:111 - Ch. 1248.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.30	2.50	1.20	0.00
2	1.10	2.50	1.40	0.00
3	1.30	2.50	1.20	0.00
4	1.00	2.50	1.50	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			61.070	3.940

Line No:112 - Ch. 1247.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.10	0.00
1	2.30	2.50	0.20	0.00
2	1.90	2.50	0.60	0.00
3	0.90	2.50	1.60	0.00
4	1.10	2.50	1.40	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			42.700	1.700

Line No:113 - Ch. 1247.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.50	0.00
1	2.10	2.50	0.40	0.00
2	2.20	2.50	0.30	0.00
3	1.40	2.50	1.10	0.00
4	1.70	2.50	0.80	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			32.980	1.460

Line No:114 - Ch. 1247.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.60	0.00
1	2.00	2.50	0.50	0.00
2	1.90	2.50	0.60	0.00
3	1.90	2.50	0.60	0.00
4	1.80	2.50	0.70	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			28.485	1.170



Line No:115 - Ch. 1247.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.80	2.50	0.70	0.00
2	2.00	2.50	0.50	0.00
3	1.90	2.50	0.60	0.00
4	2.00	2.50	0.50	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			32.545	2.690

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Line No:116 - Ch. 1247.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.80	2.50	0.70	0.00
2	1.50	2.50	1.00	0.00
3	1.50	2.50	1.00	0.00
4	1.80	2.50	0.70	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			40.310	2.020

Line No:117 - Ch. 1247.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.40	2.50	1.10	0.00
2	1.70	2.50	0.80	0.00
3	1.90	2.50	0.60	0.00
4	1.30	2.50	1.20	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			45.500	3.400

Line No:118 - Ch. 1247.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.70	2.50	0.80	0.00
2	1.20	2.50	1.30	0.00
3	1.50	2.50	1.00	0.00
4	1.60	2.50	0.90	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			48.130	3.560

Line No:119 - Ch. 1247.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.40	2.50	1.10	0.00
2	1.20	2.50	1.30	0.00
3	1.30	2.50	1.20	0.00
4	1.50	2.50	1.00	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			58.000	5.300

Line No:120 - Ch. 1247.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	1.80	2.50	0.70	0.00
2	1.80	2.50	0.70	0.00
3	1.50	2.50	1.00	0.00
4	1.20	2.50	1.30	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			44.570	2.740

Line No:121 - Ch. 1247.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.80	2.50	0.70	0.00
2	1.80	2.50	0.70	0.00
3	1.70	2.50	0.80	0.00
4	1.80	2.50	0.70	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			33.950	1.300

Line No:122 - Ch. 1247.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.60	2.50	0.90	0.00
2	1.40	2.50	1.10	0.00
3	1.70	2.50	0.80	0.00
4	1.60	2.50	0.90	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			41.705	1.810

Line No:123 - Ch. 1247.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	1.30	2.50	1.20	0.00
2	1.50	2.50	1.00	0.00
3	1.30	2.50	1.20	0.00
4	1.60	2.50	0.90	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			49.910	2.020

Line No:124 - Ch. 1247.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.30	2.50	1.20	0.00
2	1.30	2.50	1.20	0.00
3	1.30	2.50	1.20	0.00
4	1.40	2.50	1.10	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			53.025	2.250



Line No:125 - Ch. 1247.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.10	2.50	1.40	0.00
2	1.20	2.50	1.30	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			61.695	3.690

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Line No:126 - Ch. 1247.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.10	2.50	1.40	0.00
2	1.30	2.50	1.20	0.00
3	1.20	2.50	1.30	0.00
4	1.10	2.50	1.40	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			60.180	3.060

Line No:127 - Ch. 1247.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	1.00	2.50	1.50	0.00
2	1.00	2.50	1.50	0.00
3	1.30	2.50	1.20	0.00
4	1.20	2.50	1.30	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			64.510	4.520

Line No:128 - Ch. 1247.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	0.90	2.50	1.60	0.00
2	1.00	2.50	1.50	0.00
3	1.10	2.50	1.40	0.00
4	0.70	2.50	1.80	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			73.675	5.450

Line No:129 - Ch. 1247.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.80	2.50	1.70	0.00
2	0.80	2.50	1.70	0.00
3	1.10	2.50	1.40	0.00
4	1.00	2.50	1.50	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			73.545	5.490

Line No:130 - Ch. 1247.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.80	2.50	1.70	0.00
2	0.80	2.50	1.70	0.00
3	0.80	2.50	1.70	0.00
4	0.40	2.50	2.00	0.10
5	0.50	2.50	2.00	0.00
Area by Simpson's rule (Sqm)			83.545	7.640

Line No:131 - Ch. 1247.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.90	2.50	1.60	0.00
2	0.50	2.50	2.00	0.00
3	0.90	2.50	1.60	0.00
4	0.80	2.50	1.70	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			79.415	6.130

Line No:132 - Ch. 1247.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.00	2.50	1.50	0.00
2	1.20	2.50	1.30	0.00
3	1.30	2.50	1.20	0.00
4	0.80	2.50	1.70	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			68.295	5.490

Line No:133 - Ch. 1247.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.00	2.50	1.50	0.00
2	0.80	2.50	1.70	0.00
3	0.60	2.50	1.90	0.00
4	0.70	2.50	1.80	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			79.220	5.140

Line No:134 - Ch. 1247.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.00	2.50	1.50	0.00
2	0.80	2.50	1.70	0.00
3	0.60	2.50	1.90	0.00
4	0.50	2.50	2.00	0.00
5	0.10	2.50	2.00	0.40
Area by Simpson's rule (Sqm)			81.745	7.570



Line No:135 - Ch. 1247.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.70	2.50	1.80	0.00
2	0.70	2.50	1.80	0.00
3	0.40	2.50	2.00	0.10
4	0.50	2.50	2.00	0.00
5	0.10	2.50	2.00	0.40
Area by Simpson's rule (Sqm)			89.420	10.320

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Line No:136 - Ch. 1247.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.90	2.50	1.60	0.00
2	0.70	2.50	1.80	0.00
3	0.50	2.50	2.00	0.00
4	0.10	2.50	2.00	0.40
5	-0.10	2.50	2.00	0.60
Area by Simpson's rule (Sqm)			86.545	12.770

Line No:137 - Ch. 1247.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.80	2.50	1.70	0.00
2	0.60	2.50	1.90	0.00
3	0.50	2.50	2.00	0.00
4	0.30	2.50	2.00	0.20
5	0.00	2.50	2.00	0.50
Area by Simpson's rule (Sqm)			88.345	10.765

Line No:138 - Ch. 1247.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.60	2.50	1.90	0.00
2	0.30	2.50	2.00	0.20
3	0.00	2.50	2.00	0.50
4	0.20	2.50	2.00	0.30
5	0.30	2.50	2.00	0.20
Area by Simpson's rule (Sqm)			91.820	17.610

Line No:139 - Ch. 1247.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	0.90	2.50	1.60	0.00
2	0.90	2.50	1.60	0.00
3	0.60	2.50	1.90	0.00
4	0.40	2.50	2.00	0.10
5	0.10	2.50	2.00	0.40
Area by Simpson's rule (Sqm)			83.680	9.190

Line No:140 - Ch. 1247.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.60	2.50	1.90	0.00
2	0.40	2.50	2.00	0.10
3	0.30	2.50	2.00	0.20
4	0.10	2.50	2.00	0.40
5	0.00	2.50	2.00	0.50
Area by Simpson's rule (Sqm)			92.305	15.985

Line No:141 - Ch. 1247.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.50	2.50	2.00	0.00
2	0.30	2.50	2.00	0.20
3	0.30	2.50	2.00	0.20
4	0.60	2.50	1.90	0.00
5	0.20	2.50	2.00	0.30
Area by Simpson's rule (Sqm)			92.755	12.605

Line No:142 - Ch. 1247.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.00	0.40
1	0.00	2.50	2.00	0.50
2	-0.10	2.50	2.00	0.60
3	0.40	2.50	2.00	0.10
4	0.20	2.50	2.00	0.30
5	0.40	2.50	2.00	0.10
Area by Simpson's rule (Sqm)			94.000	22.785

Line No:143 - Ch. 1247.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.00	0.20
1	0.30	2.50	2.00	0.20
2	0.30	2.50	2.00	0.20
3	0.10	2.50	2.00	0.40
4	0.00	2.50	2.00	0.50
5	0.40	2.50	2.00	0.10
Area by Simpson's rule (Sqm)			94.000	21.225

Line No:144 - Ch. 1247.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.00	0.50
1	-0.10	2.50	2.00	0.60
2	0.20	2.50	2.00	0.30
3	0.20	2.50	2.00	0.30
4	0.70	2.50	1.80	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			90.595	21.115



Line No:145 - Ch. 1247.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.00	0.40
1	-0.20	2.50	2.00	0.70
2	0.20	2.50	2.00	0.30
3	0.20	2.50	2.00	0.30
4	0.60	2.50	1.90	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			91.970	22.320

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Line No:146 - Ch. 1247.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.00	0.30
1	0.00	2.50	2.00	0.50
2	0.30	2.50	2.00	0.20
3	0.00	2.50	2.00	0.50
4	0.20	2.50	2.00	0.30
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			93.355	24.005

Line No:147 - Ch. 1247.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.60	2.50	1.90	0.00
2	0.10	2.50	2.00	0.40
3	0.20	2.50	2.00	0.30
4	0.20	2.50	2.00	0.30
5	0.20	2.50	2.00	0.30
Area by Simpson's rule (Sqm)			91.345	16.535

Line No:148 - Ch. 1247.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.00	2.50	1.50	0.00
2	0.80	2.50	1.70	0.00
3	0.60	2.50	1.90	0.00
4	0.90	2.50	1.60	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			77.275	4.850

Line No:149 - Ch. 1247.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	0.90	2.50	1.60	0.00
2	0.80	2.50	1.70	0.00
3	0.80	2.50	1.70	0.00
4	0.90	2.50	1.60	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			76.075	4.850

Line No:150 - Ch. 1247.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	0.80	2.50	1.70	0.00
2	0.90	2.50	1.60	0.00
3	0.80	2.50	1.70	0.00
4	1.00	2.50	1.50	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			74.705	4.210

Line No:151 - Ch. 1247.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.20	2.50	1.30	0.00
2	0.90	2.50	1.60	0.00
3	1.10	2.50	1.40	0.00
4	1.10	2.50	1.40	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			64.960	3.920

Line No:152 - Ch. 1247.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.00	2.50	1.50	0.00
2	0.90	2.50	1.60	0.00
3	1.00	2.50	1.50	0.00
4	1.30	2.50	1.20	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			67.060	3.920

Line No:153 - Ch. 1247.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	0.90	2.50	1.60	0.00
2	0.80	2.50	1.70	0.00
3	0.80	2.50	1.70	0.00
4	0.80	2.50	1.70	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			75.350	4.000

Line No:154 - Ch. 1247.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	0.90	2.50	1.60	0.00
2	0.90	2.50	1.60	0.00
3	0.90	2.50	1.60	0.00
4	0.90	2.50	1.60	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			73.660	4.520



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Line No:155 - Ch. 1247.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.40	2.50	1.10	0.00
2	1.10	2.50	1.40	0.00
3	0.90	2.50	1.60	0.00
4	1.00	2.50	1.50	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			65.710	4.520

Line No:156 - Ch. 1247.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	1.30	2.50	1.20	0.00
2	0.90	2.50	1.60	0.00
3	1.00	2.50	1.50	0.00
4	1.10	2.50	1.40	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			66.455	4.810

Line No:157 - Ch. 1247.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.15	0.05
1	0.20	2.50	2.15	0.15
2	0.10	2.50	2.15	0.25
3	0.00	2.50	2.15	0.35
4	1.00	2.50	1.50	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			90.631	13.714

Line No:158 - Ch. 1247.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	0.90	2.50	1.60	0.00
2	1.00	2.50	1.50	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			64.730	3.460

Line No:159 - Ch. 1247.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.00	2.50	1.50	0.00
2	0.80	2.50	1.70	0.00
3	1.40	2.50	1.10	0.00
4	1.30	2.50	1.20	0.00
5	1.70	2.50	0.80	0.00
Area by Simpson's rule (Sqm)			59.500	2.600

Line No:160 - Ch. 1247.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.90	2.50	1.60	0.00
2	0.90	2.50	1.60	0.00
3	1.00	2.50	1.50	0.00
4	1.40	2.50	1.10	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			64.475	3.250

Line No:161 - Ch. 1247.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.70	2.50	1.80	0.00
2	0.70	2.50	1.80	0.00
3	0.70	2.50	1.80	0.00
4	1.10	2.50	1.40	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			76.045	3.890

Line No:162 - Ch. 1247.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.60	2.50	1.90	0.00
2	1.00	2.50	1.50	0.00
3	1.20	2.50	1.30	0.00
4	2.00	2.50	0.50	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			58.170	3.240

Line No:163 - Ch. 1247.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.60	2.50	1.90	0.00
2	0.60	2.50	1.90	0.00
3	1.50	2.50	1.00	0.00
4	2.00	2.50	0.50	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			57.455	3.610

Line No:164 - Ch. 1247.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	1.00	2.50	1.50	0.00
2	1.00	2.50	1.50	0.00
3	1.60	2.50	0.90	0.00
4	2.50	2.50	0.00	0.00
5	2.80	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			43.880	2.560



Line No:165 - Ch. 1247.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.60	2.50	1.90	0.00
2	1.10	2.50	1.40	0.00
3	2.00	2.50	0.50	0.00
4	2.60	2.50	0.00	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			44.220	3.240

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Line No:166 - Ch. 1247.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.70	2.50	1.80	0.00
2	1.40	2.50	1.10	0.00
3	2.20	2.50	0.30	0.00
4	2.10	2.50	0.40	0.00
5	2.10	2.50	0.40	0.00
Area by Simpson's rule (Sqm)			44.185	3.770

Line No:167 - Ch. 1247.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.15	0.15
1	0.50	2.50	2.00	0.00
2	1.60	2.50	0.90	0.00
3	1.70	2.50	0.80	0.00
4	1.80	2.50	0.70	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			55.386	5.334

Line No:168 - Ch. 1247.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	1.20	2.50	1.30	0.00
2	1.50	2.50	1.00	0.00
3	1.80	2.50	0.70	0.00
4	1.60	2.50	0.90	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			49.750	5.000

Line No:169 - Ch. 1247.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	1.10	2.50	1.40	0.00
2	1.20	2.50	1.30	0.00
3	1.30	2.50	1.20	0.00
4	1.30	2.50	1.20	0.00
5	1.70	2.50	0.80	0.00
Area by Simpson's rule (Sqm)			58.000	3.200

Line No:170 - Ch. 1247.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	1.00	2.50	1.50	0.00
2	1.20	2.50	1.30	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			61.090	3.380

Line No:171 - Ch. 1247.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	0.80	2.50	1.70	0.00
2	1.20	2.50	1.30	0.00
3	1.10	2.50	1.40	0.00
4	1.00	2.50	1.50	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			68.275	3.650

Line No:172 - Ch. 1247.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.10	2.50	1.40	0.00
2	1.00	2.50	1.50	0.00
3	1.00	2.50	1.50	0.00
4	0.80	2.50	1.70	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			71.015	4.930

Line No:173 - Ch. 1247.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.10	2.50	1.40	0.00
2	0.70	2.50	1.80	0.00
3	1.00	2.50	1.50	0.00
4	0.80	2.50	1.70	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			71.255	4.210

Line No:174 - Ch. 1247.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.60	2.50	1.90	0.00
2	0.80	2.50	1.70	0.00
3	0.80	2.50	1.70	0.00
4	0.80	2.50	1.70	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			81.790	5.780



Line No:175 - Ch. 1247.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	0.60	2.50	1.90	0.00
2	0.40	2.50	2.10	0.00
3	0.70	2.50	1.80	0.00
4	0.70	2.50	1.80	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			83.300	4.000

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Line No:176 - Ch. 1247.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	0.80	2.50	1.70	0.00
2	0.60	2.50	1.90	0.00
3	0.70	2.50	1.80	0.00
4	0.60	2.50	1.90	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			83.630	5.860

Line No:177 - Ch. 1247.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	0.70	2.50	1.80	0.00
2	0.50	2.50	2.00	0.00
3	0.50	2.50	2.00	0.00
4	0.60	2.50	1.90	0.00
5	0.50	2.50	2.00	0.00
Area by Simpson's rule (Sqm)			88.930	6.560

Line No:178 - Ch. 1247.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	0.60	2.50	1.90	0.00
2	0.30	2.50	2.15	0.05
3	0.40	2.50	2.10	0.00
4	0.60	2.50	1.90	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			89.870	5.440

Line No:179 - Ch. 1247.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.80	2.50	1.70	0.00
2	0.60	2.50	1.90	0.00
3	0.40	2.50	2.10	0.00
4	0.50	2.50	2.00	0.00
5	0.50	2.50	2.00	0.00
Area by Simpson's rule (Sqm)			90.020	7.240

Line No:180 - Ch. 1247.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.15	0.05
1	0.60	2.50	1.90	0.00
2	0.40	2.50	2.10	0.00
3	0.50	2.50	2.00	0.00
4	0.30	2.50	2.15	0.05
5	0.30	2.50	2.15	0.05
Area by Simpson's rule (Sqm)			96.273	9.998

Line No:181 - Ch. 1247.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.15	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.30	2.50	2.15	0.05
2	0.30	2.50	2.15	0.05
3	0.30	2.50	2.15	0.05
4	0.40	2.50	2.10	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			97.345	8.390

Line No:182 - Ch. 1247.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.80	1.00
1	0.60	2.50	0.80	1.10
2	0.60	2.50	0.80	1.10
3	0.30	2.50	0.80	1.40
4	0.30	2.50	0.80	1.40
5	0.30	2.50	0.80	1.40
Area by Simpson's rule (Sqm)			36.640	59.160

Line No:183 - Ch. 1247.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.80	1.20
1	0.30	2.50	0.80	1.40
2	0.30	2.50	0.80	1.40
3	0.60	2.50	0.80	1.10
4	0.40	2.50	0.80	1.30
5	0.20	2.50	0.80	1.50
Area by Simpson's rule (Sqm)			36.640	61.625

Line No:184 - Ch. 1247.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.80	1.10
1	0.40	2.50	0.80	1.30
2	0.30	2.50	0.80	1.40
3	0.10	2.50	0.80	1.60
4	0.30	2.50	0.80	1.40
5	0.10	2.50	0.80	1.60
Area by Simpson's rule (Sqm)			36.640	67.365



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Line No:185 - Ch. 1247.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.80	1.00
1	0.90	2.50	0.80	0.80
2	0.30	2.50	0.80	1.40
3	0.50	2.50	0.80	1.20
4	0.60	2.50	0.80	1.10
5	0.40	2.50	0.80	1.30
Area by Simpson's rule (Sqm)			36.640	52.125

Line No:186 - Ch. 1247.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.80	1.00
1	0.50	2.50	0.80	1.20
2	0.30	2.50	0.80	1.40
3	0.50	2.50	0.80	1.20
4	0.40	2.50	0.80	1.30
5	0.40	2.50	0.80	1.30
Area by Simpson's rule (Sqm)			36.640	58.425

Line No:187 - Ch. 1247.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.80	1.10
1	0.60	2.50	0.80	1.10
2	0.60	2.50	0.80	1.10
3	0.70	2.50	0.80	1.00
4	0.40	2.50	0.80	1.30
5	0.20	2.50	0.80	1.50
Area by Simpson's rule (Sqm)			36.640	54.610

Line No:188 - Ch. 1247.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.80	1.10
1	0.40	2.50	0.80	1.30
2	0.30	2.50	0.80	1.40
3	0.50	2.50	0.80	1.20
4	0.20	2.50	0.80	1.50
5	0.40	2.50	0.80	1.30
Area by Simpson's rule (Sqm)			36.640	61.530

Line No:189 - Ch. 1247.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.80	1.10
1	0.40	2.50	0.80	1.30
2	0.30	2.50	0.80	1.40
3	0.40	2.50	0.80	1.30
4	0.40	2.50	0.80	1.30
5	0.40	2.50	0.80	1.30
Area by Simpson's rule (Sqm)			36.640	61.230

Line No:190 - Ch. 1247.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.80	1.30
1	0.40	2.50	0.80	1.30
2	0.30	2.50	0.80	1.40
3	0.60	2.50	0.80	1.10
4	0.10	2.50	0.80	1.60
5	0.30	2.50	0.80	1.40
Area by Simpson's rule (Sqm)			36.640	62.505

Line No:191 - Ch. 1247.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.80	1.40
1	0.10	2.50	0.80	1.60
2	0.40	2.50	0.80	1.30
3	0.80	2.50	0.80	0.90
4	0.90	2.50	0.80	0.80
5	1.00	2.50	0.80	0.70
Area by Simpson's rule (Sqm)			36.640	53.655

Line No:192 - Ch. 1247.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.80	1.50
1	0.40	2.50	0.80	1.30
2	0.60	2.50	0.80	1.10
3	0.50	2.50	0.80	1.20
4	0.40	2.50	0.80	1.30
5	0.20	2.50	0.80	1.50
Area by Simpson's rule (Sqm)			36.640	61.130

Line No:193 - Ch. 1247.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.80	1.50
1	0.30	2.50	0.80	1.40
2	0.50	2.50	0.80	1.20
3	0.50	2.50	0.80	1.20
4	0.50	2.50	0.80	1.20
5	0.40	2.50	0.80	1.30
Area by Simpson's rule (Sqm)			36.640	61.000

Line No:194 - Ch. 1247.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.80	1.40
1	0.10	2.50	0.80	1.60
2	0.60	2.50	0.80	1.10
3	0.30	2.50	0.80	1.40
4	0.20	2.50	0.80	1.50
5	0.30	2.50	0.80	1.40
Area by Simpson's rule (Sqm)			36.640	67.590



Line No:195 - Ch. 1247.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.80	1.70
1	0.10	2.50	0.80	1.60
2	0.20	2.50	0.80	1.50
3	0.60	2.50	0.80	1.10
4	0.30	2.50	0.80	1.40
5	0.40	2.50	0.80	1.30
Area by Simpson's rule (Sqm)			36.640	66.420

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Line No:196 - Ch. 1247.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.80	1.40
1	0.20	2.50	0.80	1.50
2	0.20	2.50	0.80	1.50
3	0.20	2.50	0.80	1.50
4	0.80	2.50	0.80	0.90
5	1.50	2.50	0.80	0.20
Area by Simpson's rule (Sqm)			36.640	59.130

Line No:197 - Ch. 1247.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.80	1.70
1	0.20	2.50	0.80	1.50
2	0.40	2.50	0.80	1.30
3	0.10	2.50	0.80	1.60
4	2.50	2.50	0.00	0.00
5	2.40	2.50	0.10	0.00
Area by Simpson's rule (Sqm)			27.175	52.195

Line No:198 - Ch. 1247.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.80	1.80
1	0.00	2.50	0.80	1.70
2	0.10	2.50	0.80	1.60
3	1.80	2.50	0.70	0.00
4	4.00	2.50	0.00	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			28.915	38.150

Line No:199 - Ch. 1247.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.80	1.50
1	0.00	2.50	0.80	1.70
2	1.90	2.50	0.80	0.00
3	1.20	2.50	0.80	0.50
4	3.20	2.50	0.00	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			27.895	32.915

Line No:200 - Ch. 1247.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.80	1.80
1	1.00	2.50	0.80	0.70
2	2.70	2.50	0.00	0.00
3	1.30	2.50	0.80	0.40
4	1.10	2.50	0.80	0.60
5	2.30	2.50	0.20	0.00
Area by Simpson's rule (Sqm)			28.840	25.400

Line No:201 - Ch. 1247.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.80	0.90
1	0.90	2.50	0.80	0.80
2	0.30	2.50	0.80	1.40
3	1.20	2.50	0.80	0.50
4	0.80	2.50	0.80	0.90
5	1.40	2.50	0.80	0.30
Area by Simpson's rule (Sqm)			36.640	36.530

Line No:202 - Ch. 1247.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.80	1.00
1	0.70	2.50	0.80	1.00
2	1.00	2.50	0.80	0.70
3	1.70	2.50	0.80	0.00
4	1.40	2.50	0.80	0.30
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			35.095	22.840

Line No:203 - Ch. 1247.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.80	0.90
1	1.00	2.50	0.80	0.70
2	1.00	2.50	0.80	0.70
3	1.00	2.50	0.80	0.70
4	2.10	2.50	0.40	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			32.095	24.995

Line No:204 - Ch. 1247.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.80	1.30
1	1.00	2.50	0.80	0.70
2	1.60	2.50	0.80	0.10
3	0.80	2.50	0.80	0.90
4	0.80	2.50	0.80	0.90
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			36.115	32.425



Line No:205 - Ch. 1247.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.80	0.40
1	0.70	2.50	0.80	1.00
2	1.20	2.50	0.80	0.50
3	0.40	2.50	0.80	1.30
4	1.00	2.50	0.80	0.70
5	1.50	2.50	0.80	0.20
Area by Simpson's rule (Sqm)			36.640	39.330

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Line No:206 - Ch. 1247.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.80	1.40
1	0.10	2.50	0.80	1.60
2	0.20	2.50	0.80	1.50
3	0.20	2.50	0.80	1.50
4	1.00	2.50	0.80	0.70
5	1.10	2.50	0.80	0.60
Area by Simpson's rule (Sqm)			36.640	60.790

Line No:207 - Ch. 1247.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.80	1.40
1	-0.10	2.50	0.80	1.80
2	0.00	2.50	0.80	1.70
3	0.10	2.50	0.80	1.60
4	0.10	2.50	0.80	1.60
5	0.60	2.50	0.80	1.10
Area by Simpson's rule (Sqm)			36.640	75.015

Line No:208 - Ch. 1247.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.80	1.50
1	-0.20	2.50	0.80	1.90
2	0.00	2.50	0.80	1.70
3	0.10	2.50	0.80	1.60
4	0.40	2.50	0.80	1.30
5	0.80	2.50	0.80	0.90
Area by Simpson's rule (Sqm)			36.640	73.310

Line No:209 - Ch. 1247.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.80	1.50
1	0.20	2.50	0.80	1.50
2	-0.30	2.50	0.80	2.00
3	0.10	2.50	0.80	1.60
4	0.30	2.50	0.80	1.40
5	0.50	2.50	0.80	1.20
Area by Simpson's rule (Sqm)			36.640	72.725

Line No:210 - Ch. 1247.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.80	1.60
1	-0.20	2.50	0.80	1.90
2	0.00	2.50	0.80	1.70
3	0.20	2.50	0.80	1.50
4	0.40	2.50	0.80	1.30
5	0.80	2.50	0.80	0.90
Area by Simpson's rule (Sqm)			36.640	72.565

Line No:211 - Ch. 1247.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.80	1.60
1	-0.20	2.50	0.80	1.90
2	0.00	2.50	0.80	1.70
3	0.10	2.50	0.80	1.60
4	0.20	2.50	0.80	1.50
5	0.60	2.50	0.80	1.10
Area by Simpson's rule (Sqm)			36.640	76.365

Line No:212 - Ch. 1246.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	-0.30	2.50	0.00	2.80
2	0.10	2.50	0.00	2.40
3	0.10	2.50	0.00	2.40
4	0.10	2.50	0.00	2.40
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	116.535

Line No:213 - Ch. 1246.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	-0.20	2.50	0.00	2.70
2	0.20	2.50	0.00	2.30
3	0.20	2.50	0.00	2.30
4	0.60	2.50	0.00	1.90
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	106.405

Line No:214 - Ch. 1246.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.10	2.50	0.00	2.60
2	0.20	2.50	0.00	2.30
3	0.40	2.50	0.00	2.10
4	0.70	2.50	0.00	1.80
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	103.420



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Line No:215 - Ch. 1246.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.00	2.50	0.00	2.50
2	0.10	2.50	0.00	2.40
3	0.40	2.50	0.00	2.10
4	0.80	2.50	0.00	1.70
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	101.525

Line No:216 - Ch. 1246.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.30	2.50	0.00	2.20
4	0.70	2.50	0.00	1.80
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	100.525

Line No:217 - Ch. 1246.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.30	2.50	0.00	2.20
2	0.40	2.50	0.00	2.10
3	0.30	2.50	0.00	2.20
4	0.90	2.50	0.00	1.60
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	95.960

Line No:218 - Ch. 1246.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.40	2.50	0.00	2.10
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	0.90	2.50	0.00	1.60
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	87.625

Line No:219 - Ch. 1246.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.10	2.50	0.00	2.40
2	0.80	2.50	0.00	1.70
3	0.80	2.50	0.00	1.70
4	1.20	2.50	0.00	1.30
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	84.785

Line No:220 - Ch. 1246.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.00	2.50	0.00	2.50
2	0.80	2.50	0.00	1.70
3	1.00	2.50	0.00	1.50
4	1.20	2.50	0.00	1.30
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	85.270

Line No:221 - Ch. 1246.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.10	2.50	0.00	2.40
2	0.80	2.50	0.00	1.70
3	1.30	2.50	0.00	1.20
4	1.60	2.50	0.00	0.90
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	76.885

Line No:222 - Ch. 1246.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.40	2.50	0.00	2.10
2	0.90	2.50	0.00	1.60
3	1.30	2.50	0.00	1.20
4	2.00	2.50	0.00	0.50
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	64.870

Line No:223 - Ch. 1246.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.30	2.50	0.00	2.20
2	1.20	2.50	0.00	1.30
3	1.20	2.50	0.00	1.30
4	1.80	2.50	0.00	0.70
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	66.950

Line No:224 - Ch. 1246.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	1.00	2.50	0.00	1.50
3	1.40	2.50	0.00	1.10
4	1.40	2.50	0.00	1.10
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	75.470



Line No:225 - Ch. 1246.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	1.10	2.50	0.00	1.40
2	1.30	2.50	0.00	1.20
3	1.50	2.50	0.00	1.00
4	1.70	2.50	0.00	0.80
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	63.080

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Line No:226 - Ch. 1246.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.30
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.70	2.50	0.00	0.80
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	78.145

Line No:227 - Ch. 1246.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.20	2.50	0.00	2.30
2	1.10	2.50	0.00	1.40
3	1.40	2.50	0.00	1.10
4	1.30	2.50	0.00	1.20
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	81.145

Line No:228 - Ch. 1246.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.40	2.50	0.00	2.10
2	1.20	2.50	0.00	1.30
3	1.00	2.50	0.00	1.50
4	0.90	2.50	0.00	1.60
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	86.620

Line No:229 - Ch. 1246.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	1.00	2.50	0.00	1.50
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	0.80	2.50	0.00	1.70
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	76.250

Line No:230 - Ch. 1246.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	1.10	2.50	0.00	1.40
2	1.20	2.50	0.00	1.30
3	0.90	2.50	0.00	1.60
4	0.20	2.50	0.00	2.30
5	0.10	2.50	0.00	2.40
Area by Simpson's rule (Sqm)			0.000	83.235

Line No:231 - Ch. 1246.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	1.20	2.50	0.00	1.30
2	1.00	2.50	0.00	1.50
3	0.40	2.50	0.00	2.10
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	91.630

Line No:232 - Ch. 1246.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.90	2.50	0.00	1.60
2	1.00	2.50	0.00	1.50
3	0.40	2.50	0.00	2.10
4	-0.10	2.50	0.00	2.60
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	95.000

Line No:233 - Ch. 1246.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.80	2.50	0.00	1.70
2	0.80	2.50	0.00	1.70
3	-0.20	2.50	0.00	2.70
4	-0.70	2.50	0.00	3.20
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	107.920

Line No:234 - Ch. 1246.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	0.50	2.50	0.00	2.00
3	-0.20	2.50	0.00	2.70
4	-0.10	2.50	0.00	2.60
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	101.440



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Line No:235 - Ch. 1246.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.70	2.50	0.00	1.80
2	0.60	2.50	0.00	1.90
3	-0.10	2.50	0.00	2.60
4	-0.10	2.50	0.00	2.60
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	104.155

Line No:236 - Ch. 1246.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.50	2.50	0.00	2.00
2	0.70	2.50	0.00	1.80
3	0.10	2.50	0.00	2.40
4	0.20	2.50	0.00	2.30
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	101.525

Line No:237 - Ch. 1246.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	0.60	2.50	0.00	1.90
3	0.60	2.50	0.00	1.90
4	0.60	2.50	0.00	1.90
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	85.450

Line No:238 - Ch. 1246.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.70	2.50	0.00	1.80
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	0.90	2.50	0.00	1.60
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	78.515

Line No:239 - Ch. 1246.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	0.90	2.50	0.00	1.60
4	1.10	2.50	0.00	1.40
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	77.480

Line No:240 - Ch. 1246.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	0.90	2.50	0.00	1.60
3	1.00	2.50	0.00	1.50
4	1.10	2.50	0.00	1.40
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	72.800

Line No:241 - Ch. 1246.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	0.80	2.50	0.00	1.70
3	0.60	2.50	0.00	1.90
4	1.10	2.50	0.00	1.40
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	78.795

Line No:242 - Ch. 1246.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	0.70	2.50	0.00	1.80
3	0.00	2.50	0.00	2.50
4	0.30	2.50	0.00	2.20
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	92.845

Line No:243 - Ch. 1246.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.20	2.50	0.00	2.30
2	0.00	2.50	0.00	2.50
3	-0.20	2.50	0.00	2.70
4	1.00	2.50	0.00	1.50
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	107.590

Line No:244 - Ch. 1246.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.40	2.50	0.00	2.10
2	0.30	2.50	0.00	2.20
3	0.80	2.50	0.00	1.70
4	0.10	2.50	0.00	2.40
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	103.820



Line No:245 - Ch. 1246.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.30	2.50	0.00	2.20
2	0.50	2.50	0.00	2.00
3	1.00	2.50	0.00	1.50
4	-0.50	2.50	0.00	3.00
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	107.440

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Line No:246 - Ch. 1246.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.30	2.50	0.00	2.20
2	1.20	2.50	0.00	1.30
3	0.80	2.50	0.00	1.70
4	0.20	2.50	0.00	2.30
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	101.165

Line No:247 - Ch. 1246.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.20	2.50	0.00	2.30
2	1.60	2.50	0.00	0.90
3	0.10	2.50	0.00	2.40
4	0.00	2.50	0.00	2.50
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	112.025

Line No:248 - Ch. 1246.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.00	2.50	0.00	2.50
2	0.60	2.50	0.00	1.90
3	-0.50	2.50	0.00	3.00
4	0.10	2.50	0.00	2.40
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	120.955

Line No:249 - Ch. 1246.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.20	2.50	0.00	2.20
2	0.20	2.50	0.00	2.30
3	-0.50	2.50	0.00	3.00
4	1.10	2.50	0.00	1.40
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	109.100

Line No:250 - Ch. 1246.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.30	2.50	0.00	2.20
2	0.30	2.50	0.00	2.20
3	0.10	2.50	0.00	2.40
4	1.60	2.50	0.00	0.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	93.375

Line No:251 - Ch. 1246.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.40	2.50	0.00	2.10
3	0.50	2.50	0.00	2.00
4	0.60	2.50	0.00	1.90
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	96.515

Line No:252 - Ch. 1246.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.20	2.50	0.00	1.30
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	0.60	2.50	0.00	1.90
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	78.230

Line No:253 - Ch. 1246.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	0.80	2.50	0.00	1.70
3	-0.10	2.50	0.00	2.60
4	-0.20	2.50	0.00	2.70
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	103.190

Line No:254 - Ch. 1246.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.00	2.50	0.00	1.50
2	1.00	2.50	0.00	1.50
3	-0.10	2.50	0.00	2.60
4	-0.30	2.50	0.00	2.80
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	100.175



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Line No:255 - Ch. 1246.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	0.80	2.50	0.00	1.70
3	1.20	2.50	0.00	1.30
4	-0.60	2.50	0.00	3.10
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	89.390

Line No:256 - Ch. 1246.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.00	2.50	0.00	1.50
2	1.20	2.50	0.00	1.30
3	1.30	2.50	0.00	1.20
4	-0.30	2.50	0.00	2.80
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	82.360

Line No:257 - Ch. 1246.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.90	2.50	0.00	1.60
2	1.10	2.50	0.00	1.40
3	0.70	2.50	0.00	1.80
4	0.10	2.50	0.00	2.40
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	89.785

Line No:258 - Ch. 1246.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	-0.40	2.50	0.00	2.90
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	0.70	2.50	0.00	1.80
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	102.040

Line No:259 - Ch. 1246.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.50	2.50	0.00	3.00
2	0.00	2.50	0.00	2.50
3	1.00	2.50	0.00	1.50
4	0.60	2.50	0.00	1.90
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	112.675

Line No:260 - Ch. 1246.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.40	2.50	0.00	2.90
2	-0.40	2.50	0.00	2.90
3	0.20	2.50	0.00	2.30
4	0.30	2.50	0.00	2.20
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	121.525

Line No:261 - Ch. 1246.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	0.00	2.50	0.00	2.50
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.40	2.50	0.00	2.10
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	112.045

Line No:262 - Ch. 1246.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.40	2.50	0.00	2.90
2	-0.50	2.50	0.00	3.00
3	1.10	2.50	0.00	1.40
4	0.50	2.50	0.00	2.00
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	112.585

Line No:263 - Ch. 1246.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.50	2.50	0.00	3.00
2	0.60	2.50	0.00	1.90
3	1.30	2.50	0.00	1.20
4	0.80	2.50	0.00	1.70
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	104.570

Line No:264 - Ch. 1246.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	0.00	2.50	0.00	2.50
4	0.80	2.50	0.00	1.70
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	126.645



Line No:265 - Ch. 1246.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.40	2.50	0.00	2.90
2	-0.60	2.50	0.00	3.10
3	0.70	2.50	0.00	1.80
4	0.50	2.50	0.00	2.00
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	115.225

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Line No:266 - Ch. 1246.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.60	2.50	0.00	3.10
2	0.00	2.50	0.00	2.50
3	0.30	2.50	0.00	2.20
4	-0.50	2.50	0.00	3.00
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	132.600

Line No:267 - Ch. 1246.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	-0.50	2.50	0.00	3.00
4	-0.50	2.50	0.00	3.00
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	142.280

Line No:268 - Ch. 1246.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	-0.60	2.50	0.00	3.10
4	-0.50	2.50	0.00	3.00
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	140.575

Line No:269 - Ch. 1246.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.60	2.50	0.00	3.10
2	-0.60	2.50	0.00	3.10
3	-0.50	2.50	0.00	3.00
4	-0.40	2.50	0.00	2.90
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	144.910

Line No:270 - Ch. 1246.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.40	2.50	0.00	2.90
2	-0.50	2.50	0.00	3.00
3	-0.50	2.50	0.00	3.00
4	-0.40	2.50	0.00	2.90
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	141.790

Line No:271 - Ch. 1246.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.60	2.50	0.00	3.10
2	-0.50	2.50	0.00	3.00
3	-0.40	2.50	0.00	2.90
4	-0.30	2.50	0.00	2.80
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	134.975

Line No:272 - Ch. 1246.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.30	2.50	0.00	2.80
2	-0.20	2.50	0.00	2.70
3	-0.20	2.50	0.00	2.70
4	0.20	2.50	0.00	2.30
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	122.670

Line No:273 - Ch. 1246.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.40	2.50	0.00	2.90
2	-0.20	2.50	0.00	2.70
3	0.10	2.50	0.00	2.40
4	0.40	2.50	0.00	2.10
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	114.050

Line No:274 - Ch. 1246.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.40	2.50	0.00	2.90
2	-0.20	2.50	0.00	2.70
3	0.20	2.50	0.00	2.30
4	1.10	2.50	0.00	1.40
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	107.540



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Line No:275 - Ch. 1246.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.10	2.50	0.00	2.40
2	-0.20	2.50	0.00	2.70
3	0.20	2.50	0.00	2.30
4	0.50	2.50	0.00	2.00
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	103.235

Line No:276 - Ch. 1246.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.30	2.50	0.00	2.80
2	0.20	2.50	0.00	2.30
3	0.60	2.50	0.00	1.90
4	1.50	2.50	0.00	1.00
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	97.895

Line No:277 - Ch. 1246.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.00	2.50	0.00	2.50
2	-0.30	2.50	0.00	2.80
3	0.80	2.50	0.00	1.70
4	0.80	2.50	0.00	1.70
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	100.850

Line No:278 - Ch. 1246.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	0.10	2.50	0.00	2.40
2	-0.40	2.50	0.00	2.90
3	0.60	2.50	0.00	1.90
4	1.10	2.50	0.00	1.40
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	105.760

Line No:279 - Ch. 1246.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	-0.20	2.50	0.00	2.70
2	0.00	2.50	0.00	2.50
3	-0.30	2.50	0.00	2.80
4	0.40	2.50	0.00	2.10
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	118.485

Line No:280 - Ch. 1246.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.20	2.50	0.00	2.70
2	-0.10	2.50	0.00	2.60
3	-0.30	2.50	0.00	2.80
4	1.20	2.50	0.00	1.30
5	0.60	2.50	0.00	1.90
Area by Simpson's rule (Sqm)			0.000	114.025

Line No:281 - Ch. 1246.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.20	2.50	0.00	2.70
2	-0.10	2.50	0.00	2.60
3	-0.60	2.50	0.00	3.10
4	1.10	2.50	0.00	1.40
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	115.320

Line No:282 - Ch. 1246.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.50	2.50	0.00	3.00
2	0.10	2.50	0.00	2.40
3	-0.30	2.50	0.00	2.80
4	0.90	2.50	0.00	1.60
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	110.120

Line No:283 - Ch. 1246.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.30	2.50	0.00	2.80
2	-0.50	2.50	0.00	3.00
3	-0.20	2.50	0.00	2.70
4	1.10	2.50	0.00	1.40
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	108.620

Line No:284 - Ch. 1246.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.20	2.50	0.00	2.70
2	-0.20	2.50	0.00	2.70
3	-0.20	2.50	0.00	2.70
4	1.00	2.50	0.00	1.50
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	107.450



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Line No:285 - Ch. 1246.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.20	2.50	0.00	2.70
2	-0.10	2.50	0.00	2.60
3	0.80	2.50	0.00	1.70
4	1.00	2.50	0.00	1.50
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	96.475

Line No:286 - Ch. 1246.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.30	2.50	0.00	2.80
2	-0.10	2.50	0.00	2.60
3	0.30	2.50	0.00	2.20
4	0.90	2.50	0.00	1.60
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	105.475

Line No:287 - Ch. 1246.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	-0.10	2.50	0.00	2.60
3	0.30	2.50	0.00	2.20
4	0.90	2.50	0.00	1.60
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	106.060

Line No:288 - Ch. 1246.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.30	2.50	0.00	2.80
2	-0.10	2.50	0.00	2.60
3	0.40	2.50	0.00	2.10
4	0.90	2.50	0.00	1.60
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	107.180

Line No:289 - Ch. 1246.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.50	2.50	0.00	3.00
2	-0.10	2.50	0.00	2.60
3	0.30	2.50	0.00	2.20
4	0.60	2.50	0.00	1.90
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	114.845

Line No:290 - Ch. 1246.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.20	2.50	0.00	2.30
2	0.50	2.50	0.00	2.00
3	0.70	2.50	0.00	1.80
4	0.40	2.50	0.00	2.10
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	108.990

Line No:291 - Ch. 1246.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	0.00	2.50	0.00	2.50
2	0.30	2.50	0.00	2.20
3	0.40	2.50	0.00	2.10
4	0.40	2.50	0.00	2.10
5	0.40	2.50	0.00	2.10
Area by Simpson's rule (Sqm)			0.000	111.785

Line No:292 - Ch. 1246.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.50	2.50	0.00	2.00
4	0.60	2.50	0.00	1.90
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	107.315

Line No:293 - Ch. 1246.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	0.10	2.50	0.00	2.40
2	0.40	2.50	0.00	2.10
3	0.20	2.50	0.00	2.30
4	0.10	2.50	0.00	2.40
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	116.000

Line No:294 - Ch. 1246.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.30	2.50	0.00	2.80
2	0.40	2.50	0.00	2.10
3	-0.10	2.50	0.00	2.60
4	-0.70	2.50	0.00	3.20
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	134.600



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Line No:295 - Ch. 1246.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.20	2.50	0.00	2.70
2	0.50	2.50	0.00	2.00
3	0.20	2.50	0.00	2.30
4	-0.60	2.50	0.00	3.10
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	125.570

Line No:296 - Ch. 1246.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.10	2.50	0.00	2.60
2	0.30	2.50	0.00	2.20
3	0.20	2.50	0.00	2.30
4	-0.80	2.50	0.00	3.30
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	128.015

Line No:297 - Ch. 1246.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.90	2.50	0.00	3.40
1	-0.70	2.50	0.00	3.20
2	-0.10	2.50	0.00	2.60
3	-0.80	2.50	0.00	3.30
4	-0.80	2.50	0.00	3.30
5	-0.80	2.50	0.00	3.30
Area by Simpson's rule (Sqm)			0.000	154.625

Line No:298 - Ch. 1246.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.50	2.50	0.00	2.00
2	-0.20	2.50	0.00	2.70
3	-0.80	2.50	0.00	3.30
4	-0.80	2.50	0.00	3.30
5	-1.10	2.50	0.00	3.60
Area by Simpson's rule (Sqm)			0.000	133.775

Line No:299 - Ch. 1246.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	0.80	2.50	0.00	1.70
2	0.50	2.50	0.00	2.00
3	-0.30	2.50	0.00	2.80
4	-0.80	2.50	0.00	3.30
5	-1.30	2.50	0.00	3.80
Area by Simpson's rule (Sqm)			0.000	127.975

Line No:300 - Ch. 1246.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.40	2.50	0.00	2.10
2	0.10	2.50	0.00	2.40
3	-0.40	2.50	0.00	2.90
4	-0.80	2.50	0.00	3.30
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	128.530

Line No:301 - Ch. 1246.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.50	2.50	0.00	2.00
2	0.10	2.50	0.00	2.40
3	0.40	2.50	0.00	2.10
4	-0.40	2.50	0.00	2.90
5	0.30	2.50	0.00	2.20
Area by Simpson's rule (Sqm)			0.000	104.690

Line No:302 - Ch. 1246.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.50	2.50	0.00	2.00
2	0.30	2.50	0.00	2.20
3	0.20	2.50	0.00	2.30
4	0.10	2.50	0.00	2.40
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	99.540

Line No:303 - Ch. 1246.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.40	2.50	0.00	2.10
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.30	2.50	0.00	2.20
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	95.995

Line No:304 - Ch. 1246.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	0.40	2.50	0.00	2.10
3	0.30	2.50	0.00	2.20
4	0.40	2.50	0.00	2.10
5	1.20	2.50	0.00	1.30
Area by Simpson's rule (Sqm)			0.000	91.265



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Line No:305 - Ch. 1246.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.80	2.50	0.00	1.70
4	4.40	2.50	0.00	0.00
5	4.60	2.50	0.00	0.00
Area by Simpson's rule (SqM)			0.000	66.200

Line No:306 - Ch. 1246.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.60	2.50	0.00	1.90
2	0.70	2.50	0.00	1.80
3	1.60	2.50	0.00	0.90
4	4.40	2.50	0.00	0.00
5	4.10	2.50	0.00	0.00
Area by Simpson's rule (SqM)			0.000	52.905

Line No:307 - Ch. 1246.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.50	2.50	0.00	2.00
2	0.70	2.50	0.00	1.80
3	1.50	2.50	0.00	1.00
4	4.00	2.50	0.00	0.00
5	4.20	2.50	0.00	0.00
Area by Simpson's rule (SqM)			0.000	55.305

Line No:308 - Ch. 1246.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	1.20	2.50	0.00	1.30
3	2.80	2.50	0.00	0.00
4	5.40	2.50	0.00	0.00
5	4.80	2.50	0.00	0.00
Area by Simpson's rule (SqM)			0.000	38.105

Line No:309 - Ch. 1246.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	2.30	2.50	0.00	0.20
2	3.90	2.50	0.00	0.00
3	4.60	2.50	0.00	0.00
4	4.40	2.50	0.00	0.00
5	3.80	2.50	0.00	0.00
Area by Simpson's rule (SqM)			0.000	7.580

Line No:310 - Ch. 1246.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.60	2.50	0.00	0.90
2	3.00	2.50	0.00	0.00
3	3.70	2.50	0.00	0.00
4	4.70	2.50	0.00	0.00
5	4.20	2.50	0.00	0.00
Area by Simpson's rule (SqM)			0.000	17.820

Line No:311 - Ch. 1246.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.00	0.70
1	3.00	2.50	0.00	0.00
2	2.80	2.50	0.00	0.00
3	2.40	2.50	0.00	0.10
4	4.10	2.50	0.00	0.00
5	3.90	2.50	0.00	0.00
Area by Simpson's rule (SqM)			0.000	3.545

Line No:312 - Ch. 1245.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.00	0.60
1	3.00	2.50	0.00	0.00
2	2.80	2.50	0.00	0.00
3	2.30	2.50	0.00	0.20
4	3.10	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (SqM)			0.000	4.380

Line No:313 - Ch. 1245.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.00	0.40
1	3.00	2.50	0.00	0.00
2	2.30	2.50	0.00	0.20
3	2.30	2.50	0.00	0.20
4	2.90	2.50	0.00	0.00
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (SqM)			0.000	5.800

Line No:314 - Ch. 1245.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.00	0.70
1	1.80	2.50	0.00	0.70
2	1.80	2.50	0.00	0.70
3	1.80	2.50	0.00	0.70
4	1.80	2.50	0.00	0.70
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (SqM)			0.000	33.595



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Line No:315 - Ch. 1245.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.00	0.20
1	2.30	2.50	0.00	0.20
2	2.30	2.50	0.00	0.20
3	1.90	2.50	0.00	0.60
4	1.50	2.50	0.00	1.00
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	26.795

Line No:316 - Ch. 1245.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	2.20	2.50	0.00	0.30
2	2.10	2.50	0.00	0.40
3	2.00	2.50	0.00	0.50
4	1.50	2.50	0.00	1.00
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	28.595

Line No:317 - Ch. 1245.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.00	0.10
1	2.60	2.50	0.00	0.00
2	2.70	2.50	0.00	0.00
3	2.30	2.50	0.00	0.20
4	2.00	2.50	0.00	0.50
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	9.850

Line No:318 - Ch. 1245.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.00	0.30
1	2.70	2.50	0.00	0.00
2	2.70	2.50	0.00	0.00
3	2.70	2.50	0.00	0.00
4	2.80	2.50	0.00	0.00
5	2.10	2.50	0.00	0.40
Area by Simpson's rule (Sqm)			0.000	2.825

Line No:319 - Ch. 1245.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.00	0.10
1	3.30	2.50	0.00	0.00
2	3.40	2.50	0.00	0.00
3	3.30	2.50	0.00	0.00
4	3.80	2.50	0.00	0.00
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	4.760

Line No:320 - Ch. 1245.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.00	0.20
1	2.90	2.50	0.00	0.00
2	3.60	2.50	0.00	0.00
3	3.40	2.50	0.00	0.00
4	2.80	2.50	0.00	0.00
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	3.500

Line No:321 - Ch. 1245.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	3.00	2.50	0.00	0.00
2	3.60	2.50	0.00	0.00
3	3.80	2.50	0.00	0.00
4	4.10	2.50	0.00	0.00
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	2.375

Line No:322 - Ch. 1245.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	2.90	2.50	0.00	0.00
2	3.60	2.50	0.00	0.00
3	3.80	2.50	0.00	0.00
4	4.00	2.50	0.00	0.00
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	0.000

Line No:323 - Ch. 1245.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	2.90	2.50	0.00	0.00
2	3.70	2.50	0.00	0.00
3	4.00	2.50	0.00	0.00
4	3.70	2.50	0.00	0.00
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	2.375

Line No:324 - Ch. 1245.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.00	0.10
1	2.70	2.50	0.00	0.00
2	3.20	2.50	0.00	0.00
3	3.80	2.50	0.00	0.00
4	3.70	2.50	0.00	0.00
5	3.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	0.305



Line No:325 - Ch. 1245.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.60	2.50	0.00	0.00
1	3.00	2.50	0.00	0.00
2	3.60	2.50	0.00	0.00
3	4.20	2.50	0.00	0.00
4	3.50	2.50	0.00	0.00
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	2.375

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Line No:326 - Ch. 1245.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.70	2.50	0.00	0.00
1	2.90	2.50	0.00	0.00
2	3.60	2.50	0.00	0.00
3	4.00	2.50	0.00	0.00
4	3.90	2.50	0.00	0.00
5	1.60	2.50	0.00	0.90
Area by Simpson's rule (Sqm)			0.000	4.455

Line No:327 - Ch. 1245.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.60	2.50	0.00	0.00
1	2.90	2.50	0.00	0.00
2	3.50	2.50	0.00	0.00
3	3.70	2.50	0.00	0.00
4	4.20	2.50	0.00	0.00
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	0.000

Line No:328 - Ch. 1245.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.70	2.50	0.00	0.00
1	3.20	2.50	0.00	0.00
2	3.60	2.50	0.00	0.00
3	4.10	2.50	0.00	0.00
4	4.20	2.50	0.00	0.00
5	3.40	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	0.000

Line No:329 - Ch. 1245.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.80	2.50	0.00	0.00
1	3.60	2.50	0.00	0.00
2	4.10	2.50	0.00	0.00
3	4.40	2.50	0.00	0.00
4	3.40	2.50	0.00	0.00
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	9.720

Line No:330 - Ch. 1245.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	3.10	2.50	0.00	0.00
2	4.00	2.50	0.00	0.00
3	4.40	2.50	0.00	0.00
4	3.20	2.50	0.00	0.00
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	11.000

Line No:331 - Ch. 1245.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.70	2.50	0.00	0.00
1	3.30	2.50	0.00	0.00
2	4.00	2.50	0.00	0.00
3	4.60	2.50	0.00	0.00
4	4.50	2.50	0.00	0.00
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	5.000

Line No:332 - Ch. 1245.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.50	2.50	0.00	0.00
1	3.10	2.50	0.00	0.00
2	3.70	2.50	0.00	0.00
3	4.10	2.50	0.00	0.00
4	4.00	2.50	0.00	0.00
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	1.395

Line No:333 - Ch. 1245.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.00	0.70
1	2.70	2.50	0.00	0.00
2	3.50	2.50	0.00	0.00
3	3.60	2.50	0.00	0.00
4	3.80	2.50	0.00	0.00
5	3.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	2.345

Line No:334 - Ch. 1245.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	2.40	2.50	0.00	0.10
2	2.80	2.50	0.00	0.00
3	3.40	2.50	0.00	0.00
4	3.60	2.50	0.00	0.00
5	3.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	7.280



Line No:335 - Ch. 1245.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	2.20	2.50	0.00	0.30
2	2.60	2.50	0.00	0.00
3	3.00	2.50	0.00	0.00
4	3.10	2.50	0.00	0.00
5	3.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	7.920

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Line No:336 - Ch. 1245.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.90	2.50	0.00	0.60
2	2.40	2.50	0.00	0.10
3	2.80	2.50	0.00	0.00
4	3.00	2.50	0.00	0.00
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	12.120

Line No:337 - Ch. 1245.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	1.90	2.50	0.00	0.60
2	2.30	2.50	0.00	0.20
3	2.50	2.50	0.00	0.00
4	2.70	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	11.900

Line No:338 - Ch. 1245.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.00	0.30
1	1.90	2.50	0.00	0.60
2	2.20	2.50	0.00	0.30
3	2.50	2.50	0.00	0.00
4	2.60	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	9.945

Line No:339 - Ch. 1245.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.00	0.30
1	2.30	2.50	0.00	0.20
2	2.10	2.50	0.00	0.40
3	2.30	2.50	0.00	0.20
4	2.40	2.50	0.00	0.10
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	8.895

Line No:340 - Ch. 1245.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	2.50	2.50	0.00	0.00
2	2.40	2.50	0.00	0.10
3	2.20	2.50	0.00	0.30
4	2.20	2.50	0.00	0.30
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	10.870

Line No:341 - Ch. 1245.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.40	2.50	0.00	1.10
2	2.50	2.50	0.00	0.00
3	2.40	2.50	0.00	0.10
4	2.20	2.50	0.00	0.30
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	23.670

Line No:342 - Ch. 1245.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.00	2.50	0.00	2.50
2	2.10	2.50	0.00	0.40
3	2.40	2.50	0.00	0.10
4	2.20	2.50	0.00	0.30
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	47.325

Line No:343 - Ch. 1245.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	1.30	2.50	0.00	1.20
3	2.40	2.50	0.00	0.10
4	2.60	2.50	0.00	0.00
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	45.740

Line No:344 - Ch. 1245.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.10	2.50	0.00	1.40
2	1.20	2.50	0.00	1.30
3	1.90	2.50	0.00	0.60
4	2.50	2.50	0.00	0.00
5	2.40	2.50	0.00	0.10
Area by Simpson's rule (Sqm)			0.000	37.880



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Line No:345 - Ch. 1245.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.70	2.50	0.00	0.80
2	1.80	2.50	0.00	0.70
3	2.20	2.50	0.00	0.30
4	2.40	2.50	0.00	0.10
5	2.40	2.50	0.00	0.10
Area by Simpson's rule (Sqm)			0.000	24.230

Line No:346 - Ch. 1245.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	1.10	2.50	0.00	1.40
2	2.40	2.50	0.00	0.10
3	2.20	2.50	0.00	0.30
4	2.00	2.50	0.00	0.50
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	31.295

Line No:347 - Ch. 1245.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	3.10	2.50	0.00	0.00
2	2.60	2.50	0.00	0.00
3	2.20	2.50	0.00	0.30
4	2.10	2.50	0.00	0.40
5	2.30	2.50	0.00	0.20
Area by Simpson's rule (Sqm)			0.000	11.840

Line No:348 - Ch. 1245.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	0.00	1.00
1	2.80	2.50	0.00	0.00
2	3.50	2.50	0.00	0.00
3	2.50	2.50	0.00	0.00
4	2.30	2.50	0.00	0.20
5	2.20	2.50	0.00	0.30
Area by Simpson's rule (Sqm)			0.000	6.395

Line No:349 - Ch. 1245.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.00	0.60
1	3.50	2.50	0.00	0.00
2	2.80	2.50	0.00	0.00
3	2.50	2.50	0.00	0.00
4	2.20	2.50	0.00	0.30
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	4.230

Line No:350 - Ch. 1245.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	3.00	2.50	0.00	0.00
2	3.40	2.50	0.00	0.00
3	2.80	2.50	0.00	0.00
4	2.50	2.50	0.00	0.00
5	2.70	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	4.745

Line No:351 - Ch. 1245.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	2.40	2.50	0.00	0.10
2	3.90	2.50	0.00	0.00
3	3.10	2.50	0.00	0.00
4	2.70	2.50	0.00	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	7.745

Line No:352 - Ch. 1245.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.30	2.50	0.00	0.20
1	3.70	2.50	0.00	0.00
2	3.00	2.50	0.00	0.00
3	2.70	2.50	0.00	0.00
4	2.90	2.50	0.00	0.00
5	2.80	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			0.000	0.620

Line No:353 - Ch. 1245.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.80	0.60
1	2.70	2.50	0.00	0.00
2	3.70	2.50	0.00	0.00
3	3.10	2.50	0.00	0.00
4	2.80	2.50	0.00	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			2.720	2.620

Line No:354 - Ch. 1245.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	0.80	0.30
1	3.20	2.50	0.00	0.00
2	3.60	2.50	0.00	0.00
3	2.80	2.50	0.00	0.00
4	3.00	2.50	0.00	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			2.720	1.585



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Line No:355 - Ch. 1245.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.80	0.10
1	3.70	2.50	0.00	0.00
2	3.80	2.50	0.00	0.00
3	3.20	2.50	0.00	0.00
4	2.80	2.50	0.00	0.00
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			2.720	0.945

Line No:356 - Ch. 1245.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	3.60	2.50	0.00	0.00
2	3.40	2.50	0.00	0.00
3	3.00	2.50	0.00	0.00
4	2.80	2.50	0.00	0.00
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			2.345	0.490

Line No:357 - Ch. 1245.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.80	0.50
1	2.00	2.50	0.50	0.00
2	3.20	2.50	0.00	0.00
3	3.20	2.50	0.00	0.00
4	3.30	2.50	0.00	0.00
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			8.720	2.265

Line No:358 - Ch. 1245.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.80	0.60
1	2.30	2.50	0.20	0.00
2	3.00	2.50	0.00	0.00
3	2.90	2.50	0.00	0.00
4	3.00	2.50	0.00	0.00
5	3.10	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			5.120	2.620

Line No:359 - Ch. 1245.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.80	0.50
1	2.90	2.50	0.00	0.00
2	2.90	2.50	0.00	0.00
3	2.70	2.50	0.00	0.00
4	3.20	2.50	0.00	0.00
5	3.30	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			2.720	2.265

Line No:360 - Ch. 1245.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.60	2.50	0.00	0.00
1	2.30	2.50	0.20	0.00
2	3.00	2.50	0.00	0.00
3	2.60	2.50	0.00	0.00
4	3.30	2.50	0.00	0.00
5	3.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			2.400	0.000

Line No:361 - Ch. 1245.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.80	0.50
1	2.60	2.50	0.00	0.00
2	2.50	2.50	0.00	0.00
3	2.70	2.50	0.00	0.00
4	2.90	2.50	0.00	0.00
5	3.30	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			2.720	2.265

Line No:362 - Ch. 1245.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.40	0.00
1	3.00	2.50	0.00	0.00
2	2.30	2.50	0.20	0.00
3	2.60	2.50	0.00	0.00
4	2.80	2.50	0.00	0.00
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			2.480	0.160

Line No:363 - Ch. 1245.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.80	0.40
1	1.60	2.50	0.80	0.10
2	2.40	2.50	0.10	0.00
3	2.50	2.50	0.00	0.00
4	2.40	2.50	0.10	0.00
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			13.670	3.120

Line No:364 - Ch. 1245.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.30	0.00
1	1.60	2.50	0.80	0.10
2	2.10	2.50	0.40	0.00
3	2.20	2.50	0.30	0.00
4	2.70	2.50	0.00	0.00
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			16.545	1.290



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Line No:365 - Ch. 1245.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.30	2.50	0.80	0.40
2	1.80	2.50	0.70	0.00
3	1.30	2.50	0.80	0.40
4	1.50	2.50	0.80	0.20
5	2.30	2.50	0.20	0.00
Area by Simpson's rule (Sqm)			33.040	11.780

Line No:366 - Ch. 1245.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.80	0.90
1	0.40	2.50	0.80	1.30
2	1.60	2.50	0.80	0.10
3	1.40	2.50	0.80	0.30
4	1.60	2.50	0.80	0.10
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			32.720	24.295

Line No:367 - Ch. 1245.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.50	0.00
1	0.50	2.50	0.80	1.20
2	0.10	2.50	0.80	1.60
3	1.40	2.50	0.80	0.30
4	1.70	2.50	0.80	0.00
5	1.40	2.50	0.80	0.30
Area by Simpson's rule (Sqm)			35.545	29.885

Line No:368 - Ch. 1245.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.80	1.20
1	1.10	2.50	0.80	0.60
2	1.90	2.50	0.60	0.00
3	1.40	2.50	0.80	0.30
4	0.20	2.50	0.80	1.50
5	-0.30	2.50	0.80	2.00
Area by Simpson's rule (Sqm)			35.440	38.650

Line No:369 - Ch. 1245.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.80	0.60
1	1.10	2.50	0.80	0.60
2	1.30	2.50	0.80	0.40
3	1.30	2.50	0.80	0.40
4	0.30	2.50	0.80	1.40
5	0.00	2.50	0.80	1.70
Area by Simpson's rule (Sqm)			36.640	37.255

Line No:370 - Ch. 1245.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.10	2.50	0.80	0.60
2	0.90	2.50	0.80	0.80
3	0.00	2.50	0.80	1.70
4	0.00	2.50	0.80	1.70
5	0.00	2.50	0.80	1.70
Area by Simpson's rule (Sqm)			36.640	55.525

Line No:371 - Ch. 1245.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.10	0.00
1	2.80	2.50	0.00	0.00
2	0.20	2.50	0.80	1.50
3	-0.10	2.50	0.80	1.80
4	0.10	2.50	0.80	1.60
5	0.20	2.50	0.80	1.50
Area by Simpson's rule (Sqm)			24.625	51.125

Line No:372 - Ch. 1245.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	0.00	2.50	0.80	1.70
2	-0.10	2.50	0.80	1.80
3	0.10	2.50	0.80	1.60
4	0.10	2.50	0.80	1.60
5	-0.10	2.50	0.80	1.80
Area by Simpson's rule (Sqm)			36.640	73.400

Line No:373 - Ch. 1245.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.80	0.90
1	0.00	2.50	0.80	1.70
2	0.30	2.50	0.80	1.40
3	0.10	2.50	0.80	1.60
4	0.30	2.50	0.80	1.40
5	0.20	2.50	0.80	1.50
Area by Simpson's rule (Sqm)			36.640	70.760

Line No:374 - Ch. 1245.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.80	1.00
1	0.40	2.50	0.80	1.30
2	0.50	2.50	0.80	1.20
3	0.70	2.50	0.80	1.00
4	0.90	2.50	0.80	0.80
5	0.50	2.50	0.80	1.20
Area by Simpson's rule (Sqm)			36.640	51.700



Line No:375 - Ch. 1245.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.00	2.50	0.00	1.50
2	0.80	2.50	0.00	1.70
3	0.50	2.50	0.00	2.00
4	0.70	2.50	0.00	1.80
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	79.655

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Line No:376 - Ch. 1245.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.60	2.50	0.00	1.90
2	0.60	2.50	0.00	1.90
3	0.80	2.50	0.00	1.70
4	1.00	2.50	0.00	1.50
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	81.490

Line No:377 - Ch. 1245.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	0.00	1.50
1	0.90	2.50	0.00	1.60
2	0.80	2.50	0.00	1.70
3	0.60	2.50	0.00	1.90
4	0.50	2.50	0.00	2.00
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	81.305

Line No:378 - Ch. 1245.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.30	2.50	0.00	1.20
2	1.10	2.50	0.00	1.40
3	0.70	2.50	0.00	1.80
4	0.60	2.50	0.00	1.90
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	74.030

Line No:379 - Ch. 1245.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	0.90	2.50	0.00	1.60
3	0.90	2.50	0.00	1.60
4	1.00	2.50	0.00	1.50
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	71.875

Line No:380 - Ch. 1245.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	1.00	2.50	0.00	1.50
3	0.90	2.50	0.00	1.60
4	0.90	2.50	0.00	1.60
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	73.820

Line No:381 - Ch. 1245.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.00	2.50	0.00	1.50
2	1.00	2.50	0.00	1.50
3	1.00	2.50	0.00	1.50
4	1.10	2.50	0.00	1.40
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	67.525

Line No:382 - Ch. 1245.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.90	2.50	0.00	1.60
2	1.10	2.50	0.00	1.40
3	1.00	2.50	0.00	1.50
4	0.90	2.50	0.00	1.60
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	71.155

Line No:383 - Ch. 1245.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.90	2.50	0.00	1.60
2	0.70	2.50	0.00	1.80
3	1.00	2.50	0.00	1.50
4	1.60	2.50	0.00	0.90
5	1.90	2.50	0.00	0.60
Area by Simpson's rule (Sqm)			0.000	64.175

Line No:384 - Ch. 1245.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.20	2.50	0.00	1.30
2	1.10	2.50	0.00	1.40
3	1.40	2.50	0.00	1.10
4	1.70	2.50	0.00	0.80
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	53.080



Line No:385 - Ch. 1245.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.00	2.50	0.00	1.50
2	1.20	2.50	0.00	1.30
3	1.20	2.50	0.00	1.30
4	2.00	2.50	0.00	0.50
5	2.40	2.50	0.00	0.10
Area by Simpson's rule (Sqm)			0.000	50.785

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Line No:386 - Ch. 1245.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.80	2.50	0.00	1.70
2	1.00	2.50	0.00	1.50
3	1.20	2.50	0.00	1.30
4	1.50	2.50	0.00	1.00
5	1.80	2.50	0.00	0.70
Area by Simpson's rule (Sqm)			0.000	61.975

Line No:387 - Ch. 1245.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	1.20	2.50	0.00	1.30
2	1.60	2.50	0.00	0.90
3	1.90	2.50	0.00	0.60
4	1.50	2.50	0.00	1.00
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	45.700

Line No:388 - Ch. 1245.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	0.00	1.20
1	1.50	2.50	0.00	1.00
2	1.30	2.50	0.00	1.20
3	1.50	2.50	0.00	1.00
4	1.40	2.50	0.00	1.10
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	47.690

Line No:389 - Ch. 1245.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	0.00	1.40
1	1.50	2.50	0.00	1.00
2	2.20	2.50	0.00	0.30
3	2.00	2.50	0.00	0.50
4	1.50	2.50	0.00	1.00
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	36.400

Line No:390 - Ch. 1245.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	1.60	2.50	0.00	0.90
2	1.90	2.50	0.00	0.60
3	0.70	2.50	0.00	1.80
4	1.80	2.50	0.00	0.70
5	2.00	2.50	0.00	0.50
Area by Simpson's rule (Sqm)			0.000	48.370

Line No:391 - Ch. 1245.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.00	0.70
1	2.20	2.50	0.00	0.30
2	1.70	2.50	0.00	0.80
3	0.60	2.50	0.00	1.90
4	1.00	2.50	0.00	1.50
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	50.915

Line No:392 - Ch. 1244.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.30	2.50	0.00	0.00
1	1.50	2.50	0.00	1.00
2	0.30	2.50	0.00	2.20
3	0.30	2.50	0.00	2.20
4	0.20	2.50	0.00	2.30
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	81.845

Line No:393 - Ch. 1244.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	3.00	2.50	0.00	0.00
1	2.60	2.50	0.00	0.00
2	1.10	2.50	0.00	1.40
3	0.30	2.50	0.00	2.20
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	68.630

Line No:394 - Ch. 1244.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.40	2.50	0.00	0.10
1	1.20	2.50	0.00	1.30
2	0.80	2.50	0.00	1.70
3	0.50	2.50	0.00	2.00
4	0.10	2.50	0.00	2.40
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	89.980



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Line No:395 - Ch. 1244.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.10	2.50	0.00	2.60
2	0.80	2.50	0.00	1.70
3	0.80	2.50	0.00	1.70
4	0.30	2.50	0.00	2.20
5	-1.10	2.50	0.00	3.60
Area by Simpson's rule (Sqm)			0.000	111.605

Line No:396 - Ch. 1244.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.10	2.50	0.00	2.60
2	-0.10	2.50	0.00	2.60
3	-0.10	2.50	0.00	2.60
4	-0.20	2.50	0.00	2.70
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	125.950

Line No:397 - Ch. 1244.94

Sounding position from the dredging block right to left	-0.1	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.20	2.50	0.00	2.70
2	-0.10	2.50	0.00	2.60
3	-0.10	2.50	0.00	2.60
4	-0.20	2.50	0.00	2.70
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	127.150

Line No:398 - Ch. 1244.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.00	2.50	0.00	2.50
2	-0.30	2.50	0.00	2.80
3	0.00	2.50	0.00	2.50
4	-0.10	2.50	0.00	2.60
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	123.445

Line No:399 - Ch. 1244.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.10	2.50	0.00	2.60
2	-0.60	2.50	0.00	3.10
3	-0.10	2.50	0.00	2.60
4	-0.10	2.50	0.00	2.60
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	127.645

Line No:400 - Ch. 1244.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.20	2.50	0.00	2.70
2	-0.40	2.50	0.00	2.90
3	-0.10	2.50	0.00	2.60
4	-0.30	2.50	0.00	2.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	129.700

Line No:401 - Ch. 1244.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.20	2.50	0.00	2.70
2	-0.40	2.50	0.00	2.90
3	-0.20	2.50	0.00	2.70
4	-0.30	2.50	0.00	2.80
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	132.200

Line No:402 - Ch. 1244.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.60	2.50	0.00	1.90
2	-0.20	2.50	0.00	2.70
3	-0.20	2.50	0.00	2.70
4	-0.20	2.50	0.00	2.70
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	116.670

Line No:403 - Ch. 1244.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.80	2.50	0.00	0.00
1	3.60	2.50	0.00	0.00
2	3.00	2.50	0.00	0.00
3	0.50	2.50	0.00	2.00
4	-0.50	2.50	0.00	3.00
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	61.580

Line No:404 - Ch. 1244.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	4.40	2.50	0.00	0.00
1	4.80	2.50	0.00	0.00
2	5.00	2.50	0.00	0.00
3	2.90	2.50	0.00	0.00
4	0.20	2.50	0.00	2.30
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	36.770



Line No:405 - Ch. 1244.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	4.00	2.50	0.00	0.00
1	5.00	2.50	0.00	0.00
2	4.50	2.50	0.00	0.00
3	3.70	2.50	0.00	0.00
4	0.80	2.50	0.00	1.70
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	17.750

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Line No:406 - Ch. 1244.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.30	0.00
1	3.30	2.50	0.00	0.00
2	2.90	2.50	0.00	0.00
3	2.00	2.50	0.50	0.00
4	1.10	2.50	1.00	0.40
5	-0.60	2.50	1.00	2.10
Area by Simpson's rule (Sqm)			19.445	15.745

Line No:407 - Ch. 1244.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.00	2.50	0.50	0.00
1	2.20	2.50	0.30	0.00
2	3.10	2.50	0.00	0.00
3	3.00	2.50	0.00	0.00
4	2.00	2.50	0.50	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			13.430	1.060

Line No:408 - Ch. 1244.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.60	0.00
1	1.90	2.50	0.60	0.00
2	2.60	2.50	0.00	0.00
3	2.80	2.50	0.00	0.00
4	3.00	2.50	0.00	0.00
5	1.40	2.50	1.00	0.10
Area by Simpson's rule (Sqm)			14.180	1.815

Line No:409 - Ch. 1244.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.60	2.50	0.90	0.00
2	1.70	2.50	0.80	0.00
3	1.90	2.50	0.60	0.00
4	0.80	2.50	1.00	0.70
5	0.00	2.50	1.00	1.50
Area by Simpson's rule (Sqm)			38.800	15.125

Line No:410 - Ch. 1244.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.00	0.20
1	1.30	2.50	1.00	0.20
2	1.50	2.50	1.00	0.00
3	1.50	2.50	1.00	0.00
4	1.10	2.50	1.00	0.40
5	0.40	2.50	1.00	1.10
Area by Simpson's rule (Sqm)			46.000	13.575

Line No:411 - Ch. 1244.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.00	0.20
1	1.20	2.50	1.00	0.30
2	1.40	2.50	1.00	0.10
3	1.30	2.50	1.00	0.20
4	0.50	2.50	1.00	1.00
5	-0.20	2.50	1.00	1.70
Area by Simpson's rule (Sqm)			46.000	25.815

Line No:412 - Ch. 1244.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.00	0.40
1	1.30	2.50	1.00	0.20
2	0.90	2.50	1.00	0.60
3	0.90	2.50	1.00	0.60
4	0.70	2.50	1.00	0.80
5	-0.40	2.50	1.00	1.90
Area by Simpson's rule (Sqm)			46.000	32.835

Line No:413 - Ch. 1244.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.20	2.50	0.30	0.00
1	0.90	2.50	1.00	0.60
2	1.00	2.50	1.00	0.50
3	1.10	2.50	1.00	0.40
4	0.60	2.50	1.00	0.90
5	0.20	2.50	1.00	1.30
Area by Simpson's rule (Sqm)			43.445	29.535

Line No:414 - Ch. 1244.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.40	2.50	1.00	0.10
2	1.00	2.50	1.00	0.50
3	0.90	2.50	1.00	0.60
4	0.90	2.50	1.00	0.60
5	0.10	2.50	1.00	1.40
Area by Simpson's rule (Sqm)			46.000	25.180



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Line No:415 - Ch. 1244.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.00	0.20
1	1.40	2.50	1.00	0.10
2	1.10	2.50	1.00	0.40
3	0.90	2.50	1.00	0.60
4	0.80	2.50	1.00	0.70
5	0.60	2.50	1.00	0.90
Area by Simpson's rule (Sqm)			46.000	23.125

Line No:416 - Ch. 1244.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.60	0.00
1	0.90	2.50	1.00	0.60
2	1.10	2.50	1.00	0.40
3	1.10	2.50	1.00	0.40
4	0.50	2.50	1.00	1.00
5	0.60	2.50	1.00	0.90
Area by Simpson's rule (Sqm)			44.480	27.715

Line No:417 - Ch. 1244.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.70	2.50	0.80	0.00
2	0.80	2.50	1.00	0.70
3	0.40	2.50	1.00	1.10
4	0.50	2.50	1.00	1.00
5	0.60	2.50	1.00	0.90
Area by Simpson's rule (Sqm)			42.820	30.995

Line No:418 - Ch. 1244.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.00	2.50	1.00	0.50
2	0.80	2.50	1.00	0.70
3	0.40	2.50	1.00	1.10
4	0.80	2.50	1.00	0.70
5	-1.20	2.50	1.00	2.70
Area by Simpson's rule (Sqm)			46.000	46.445

Line No:419 - Ch. 1244.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.00	0.70
1	1.70	2.50	0.80	0.00
2	1.10	2.50	1.00	0.40
3	0.90	2.50	1.00	0.60
4	0.80	2.50	1.00	0.70
5	0.90	2.50	1.00	0.60
Area by Simpson's rule (Sqm)			43.600	22.075

Line No:420 - Ch. 1244.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.00	0.10
1	1.60	2.50	0.90	0.00
2	0.90	2.50	1.00	0.60
3	0.70	2.50	1.00	0.80
4	0.80	2.50	1.00	0.70
5	0.90	2.50	1.00	0.60
Area by Simpson's rule (Sqm)			44.800	23.635

Line No:421 - Ch. 1244.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.00	0.30
1	1.00	2.50	1.00	0.50
2	1.30	2.50	1.00	0.20
3	1.10	2.50	1.00	0.40
4	0.90	2.50	1.00	0.60
5	1.00	2.50	1.00	0.50
Area by Simpson's rule (Sqm)			46.000	21.820

Line No:422 - Ch. 1244.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.00	0.40
1	1.00	2.50	1.00	0.50
2	1.30	2.50	1.00	0.20
3	1.00	2.50	1.00	0.50
4	0.90	2.50	1.00	0.60
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			46.000	20.980

Line No:423 - Ch. 1244.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.60	2.50	0.90	0.00
2	1.20	2.50	1.00	0.30
3	0.90	2.50	1.00	0.60
4	1.20	2.50	1.00	0.30
5	1.20	2.50	1.00	0.30
Area by Simpson's rule (Sqm)			44.800	14.645

Line No:424 - Ch. 1244.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.10	2.50	1.00	0.40
2	1.00	2.50	1.00	0.50
3	1.10	2.50	1.00	0.40
4	1.40	2.50	1.00	0.10
5	1.30	2.50	1.00	0.20
Area by Simpson's rule (Sqm)			46.000	16.270



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Line No:425 - Ch. 1244.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.00	0.50
1	1.60	2.50	0.90	0.00
2	1.30	2.50	1.00	0.20
3	2.40	2.50	0.10	0.00
4	1.20	2.50	1.00	0.30
5	1.30	2.50	1.00	0.20
Area by Simpson's rule (SqM)			34.000	7.995

Line No:426 - Ch. 1244.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.00	0.60
1	1.40	2.50	1.00	0.10
2	1.10	2.50	1.00	0.40
3	1.40	2.50	1.00	0.10
4	1.30	2.50	1.00	0.20
5	1.20	2.50	1.00	0.30
Area by Simpson's rule (SqM)			46.000	11.675

Line No:427 - Ch. 1244.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	1.20	2.50	1.00	0.30
2	0.90	2.50	1.00	0.60
3	1.10	2.50	1.00	0.40
4	1.00	2.50	1.00	0.50
5	1.10	2.50	1.00	0.40
Area by Simpson's rule (SqM)			44.845	19.120

Line No:428 - Ch. 1244.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.80	2.50	0.70	0.00
2	1.90	2.50	0.60	0.00
3	2.00	2.50	0.50	0.00
4	2.00	2.50	0.50	0.00
5	1.20	2.50	1.00	0.30
Area by Simpson's rule (SqM)			29.470	3.035

Line No:429 - Ch. 1244.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.00	0.50
1	1.50	2.50	1.00	0.00
2	2.10	2.50	0.40	0.00
3	1.70	2.50	0.80	0.00
4	1.50	2.50	1.00	0.00
5	1.30	2.50	1.00	0.20
Area by Simpson's rule (SqM)			40.000	4.545

Line No:430 - Ch. 1244.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.00	0.60
1	1.20	2.50	1.00	0.30
2	1.50	2.50	1.00	0.00
3	2.00	2.50	0.50	0.00
4	2.20	2.50	0.30	0.00
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (SqM)			29.750	6.580

Line No:431 - Ch. 1244.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.00	0.50
1	1.60	2.50	0.90	0.00
2	1.90	2.50	0.60	0.00
3	2.20	2.50	0.30	0.00
4	2.80	2.50	0.00	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (SqM)			24.380	2.985

Line No:432 - Ch. 1244.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.00	0.20
1	2.00	2.50	0.50	0.00
2	2.00	2.50	0.50	0.00
3	2.00	2.50	0.50	0.00
4	2.20	2.50	0.30	0.00
5	2.10	2.50	0.40	0.00
Area by Simpson's rule (SqM)			22.630	1.780

Line No:433 - Ch. 1244.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.00	0.10
1	1.40	2.50	1.00	0.10
2	1.70	2.50	0.80	0.00
3	3.10	2.50	0.00	0.00
4	1.80	2.50	0.70	0.00
5	1.70	2.50	0.80	0.00
Area by Simpson's rule (SqM)			29.470	3.145

Line No:434 - Ch. 1244.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.00	0.80
1	0.90	2.50	1.00	0.60
2	1.20	2.50	1.00	0.30
3	2.20	2.50	0.30	0.00
4	2.70	2.50	0.00	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (SqM)			28.495	13.210



Line No:435 - Ch. 1244.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.00	0.80
1	1.00	2.50	1.00	0.50
2	1.60	2.50	0.90	0.00
3	2.00	2.50	0.50	0.00
4	2.50	2.50	0.00	0.00
5	2.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			26.900	9.720

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Line No:436 - Ch. 1244.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.00	1.00
1	1.20	2.50	1.00	0.30
2	1.60	2.50	0.90	0.00
3	2.00	2.50	0.50	0.00
4	2.60	2.50	0.00	0.00
5	2.30	2.50	0.20	0.00
Area by Simpson's rule (Sqm)			27.820	8.140

Line No:437 - Ch. 1244.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.00	0.90
1	1.00	2.50	1.00	0.50
2	1.60	2.50	0.90	0.00
3	2.10	2.50	0.40	0.00
4	2.60	2.50	0.00	0.00
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			25.700	10.105

Line No:438 - Ch. 1244.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	1.00	1.10
1	0.50	2.50	1.00	1.00
2	0.70	2.50	1.00	0.80
3	1.70	2.50	0.80	0.00
4	2.10	2.50	0.40	0.00
5	3.20	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			34.100	21.705

Line No:439 - Ch. 1244.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.00	1.00
1	1.00	2.50	1.00	0.50
2	1.20	2.50	1.00	0.30
3	1.50	2.50	1.00	0.00
4	2.60	2.50	0.00	0.00
5	3.30	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			33.500	12.300

Line No:440 - Ch. 1244.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	1.00	1.20
1	0.60	2.50	1.00	0.90
2	1.00	2.50	1.00	0.50
3	2.20	2.50	0.30	0.00
4	2.10	2.50	0.40	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			30.980	19.480

Line No:441 - Ch. 1244.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	1.00	1.30
1	0.70	2.50	1.00	0.80
2	1.10	2.50	1.00	0.40
3	1.90	2.50	0.60	0.00
4	1.80	2.50	0.70	0.00
5	1.70	2.50	0.80	0.00
Area by Simpson's rule (Sqm)			37.870	18.385

Line No:442 - Ch. 1244.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.30	2.50	0.00	2.20
2	0.70	2.50	0.00	1.80
3	1.60	2.50	0.00	0.90
4	1.40	2.50	0.00	1.10
5	1.70	2.50	0.00	0.80
Area by Simpson's rule (Sqm)			0.000	70.250

Line No:443 - Ch. 1244.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.70	2.50	0.00	1.80
2	1.00	2.50	0.00	1.50
3	1.40	2.50	0.00	1.10
4	1.50	2.50	0.00	1.00
5	1.40	2.50	0.00	1.10
Area by Simpson's rule (Sqm)			0.000	65.360

Line No:444 - Ch. 1244.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	1.00	2.50	0.00	1.50
2	1.30	2.50	0.00	1.20
3	1.50	2.50	0.00	1.00
4	1.30	2.50	0.00	1.20
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	61.095



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Line No:445 - Ch. 1244.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.00	2.50	0.00	1.50
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.10	2.50	0.00	1.40
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	67.285

Line No:446 - Ch. 1244.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.10	2.50	0.00	1.40
2	1.00	2.50	0.00	1.50
3	1.10	2.50	0.00	1.40
4	1.10	2.50	0.00	1.40
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	68.480

Line No:447 - Ch. 1244.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.70	2.50	0.00	1.80
2	1.00	2.50	0.00	1.50
3	1.00	2.50	0.00	1.50
4	1.50	2.50	0.00	1.00
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	70.725

Line No:448 - Ch. 1244.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.00	2.50	0.00	1.50
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.20	2.50	0.00	1.30
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	66.535

Line No:449 - Ch. 1244.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	0.00	1.80
1	0.80	2.50	0.00	1.70
2	1.40	2.50	0.00	1.10
3	1.30	2.50	0.00	1.20
4	1.30	2.50	0.00	1.20
5	0.50	2.50	0.00	2.00
Area by Simpson's rule (Sqm)			0.000	68.420

Line No:450 - Ch. 1244.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	1.00	2.50	0.00	1.50
2	1.20	2.50	0.00	1.30
3	1.20	2.50	0.00	1.30
4	1.10	2.50	0.00	1.40
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	68.165

Line No:451 - Ch. 1244.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	1.10	2.50	0.00	1.40
2	1.10	2.50	0.00	1.40
3	1.20	2.50	0.00	1.30
4	1.00	2.50	0.00	1.50
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	69.275

Line No:452 - Ch. 1244.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	0.00	1.30
1	0.90	2.50	0.00	1.60
2	0.80	2.50	0.00	1.70
3	0.80	2.50	0.00	1.70
4	0.60	2.50	0.00	1.90
5	1.30	2.50	0.00	1.20
Area by Simpson's rule (Sqm)			0.000	74.915

Line No:453 - Ch. 1244.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	0.00	1.70
1	0.80	2.50	0.00	1.70
2	0.90	2.50	0.00	1.60
3	0.70	2.50	0.00	1.80
4	0.50	2.50	0.00	2.00
5	1.10	2.50	0.00	1.40
Area by Simpson's rule (Sqm)			0.000	80.425

Line No:454 - Ch. 1244.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	0.00	1.60
1	0.90	2.50	0.00	1.60
2	0.80	2.50	0.00	1.70
3	0.60	2.50	0.00	1.90
4	0.60	2.50	0.00	1.90
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	81.010



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Line No:455 - Ch. 1244.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.70	2.50	0.00	1.80
2	0.70	2.50	0.00	1.80
3	0.70	2.50	0.00	1.80
4	0.70	2.50	0.00	1.80
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	83.485

Line No:456 - Ch. 1244.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	0.60	2.50	0.00	1.90
3	0.60	2.50	0.00	1.90
4	0.70	2.50	0.00	1.80
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	86.485

Line No:457 - Ch. 1244.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	0.00	1.90
1	0.60	2.50	0.00	1.90
2	0.60	2.50	0.00	1.90
3	0.60	2.50	0.00	1.90
4	0.60	2.50	0.00	1.90
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	87.235

Line No:458 - Ch. 1244.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.50	2.50	0.00	2.00
3	0.60	2.50	0.00	1.90
4	0.60	2.50	0.00	1.90
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	89.530

Line No:459 - Ch. 1244.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.50	2.50	0.00	2.00
2	0.50	2.50	0.00	2.00
3	0.50	2.50	0.00	2.00
4	0.50	2.50	0.00	2.00
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	92.095

Line No:460 - Ch. 1244.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	0.00	2.00
1	0.40	2.50	0.00	2.10
2	0.50	2.50	0.00	2.00
3	0.60	2.50	0.00	1.90
4	0.70	2.50	0.00	1.80
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	89.980

Line No:461 - Ch. 1244.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.40	2.50	0.00	2.10
2	0.50	2.50	0.00	2.00
3	0.70	2.50	0.00	1.80
4	0.60	2.50	0.00	1.90
5	1.00	2.50	0.00	1.50
Area by Simpson's rule (Sqm)			0.000	89.430

Line No:462 - Ch. 1244.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	0.00	2.20
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.60	2.50	0.00	1.90
4	0.70	2.50	0.00	1.80
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	91.600

Line No:463 - Ch. 1244.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.40	2.50	0.00	2.10
2	0.40	2.50	0.00	2.10
3	0.40	2.50	0.00	2.10
4	0.90	2.50	0.00	1.60
5	0.90	2.50	0.00	1.60
Area by Simpson's rule (Sqm)			0.000	91.985

Line No:464 - Ch. 1244.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	0.30	2.50	0.00	2.20
2	0.40	2.50	0.00	2.10
3	0.70	2.50	0.00	1.80
4	0.80	2.50	0.00	1.70
5	0.80	2.50	0.00	1.70
Area by Simpson's rule (Sqm)			0.000	91.990



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Line No:465 - Ch. 1244.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	0.00	2.10
1	0.40	2.50	0.00	2.10
2	0.50	2.50	0.00	2.00
3	0.80	2.50	0.00	1.70
4	0.90	2.50	0.00	1.60
5	0.70	2.50	0.00	1.80
Area by Simpson's rule (Sqm)			0.000	87.825

Line No:466 - Ch. 1244.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.00	0.40
1	0.30	2.50	2.00	0.20
2	0.60	2.50	1.90	0.00
3	0.60	2.50	1.90	0.00
4	0.70	2.50	1.80	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			90.055	11.290

Line No:467 - Ch. 1244.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.00	0.40
1	0.20	2.50	2.00	0.30
2	0.70	2.50	1.80	0.00
3	0.70	2.50	1.80	0.00
4	0.70	2.50	1.80	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			88.255	12.490

Line No:468 - Ch. 1244.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.00	0.50
1	0.40	2.50	2.00	0.10
2	0.40	2.50	2.00	0.10
3	0.40	2.50	2.00	0.10
4	0.30	2.50	2.00	0.20
5	0.30	2.50	2.00	0.20
Area by Simpson's rule (Sqm)			94.000	15.045

Line No:469 - Ch. 1244.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.00	0.40
1	0.20	2.50	2.00	0.30
2	0.20	2.50	2.00	0.30
3	0.30	2.50	2.00	0.20
4	0.30	2.50	2.00	0.20
5	0.30	2.50	2.00	0.20
Area by Simpson's rule (Sqm)			94.000	19.500

Line No:470 - Ch. 1244.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.00	0.40
1	0.10	2.50	2.00	0.40
2	0.20	2.50	2.00	0.30
3	0.30	2.50	2.00	0.20
4	0.30	2.50	2.00	0.20
5	0.40	2.50	2.00	0.10
Area by Simpson's rule (Sqm)			94.000	20.235

Line No:471 - Ch. 1244.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.00	0.50
1	0.10	2.50	2.00	0.40
2	0.10	2.50	2.00	0.40
3	0.10	2.50	2.00	0.40
4	0.30	2.50	2.00	0.20
5	0.30	2.50	2.00	0.20
Area by Simpson's rule (Sqm)			94.000	24.045

Line No:472 - Ch. 1244.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.00	0.50
1	0.10	2.50	2.00	0.40
2	0.10	2.50	2.00	0.40
3	0.10	2.50	2.00	0.40
4	0.10	2.50	2.00	0.40
5	0.10	2.50	2.00	0.40
Area by Simpson's rule (Sqm)			94.000	26.505

Line No:473 - Ch. 1244.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.00	0.60
1	0.00	2.50	2.00	0.50
2	0.00	2.50	2.00	0.50
3	0.20	2.50	2.00	0.30
4	0.10	2.50	2.00	0.40
5	0.10	2.50	2.00	0.40
Area by Simpson's rule (Sqm)			94.000	27.460

Line No:474 - Ch. 1244.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.00	0.60
1	0.00	2.50	2.00	0.50
2	0.00	2.50	2.00	0.50
3	0.00	2.50	2.00	0.50
4	0.00	2.50	2.00	0.50
5	0.00	2.50	2.00	0.50
Area by Simpson's rule (Sqm)			94.000	31.105



Line No:475 - Ch. 1244.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.00	0.50
1	0.00	2.50	2.00	0.50
2	0.00	2.50	2.00	0.50
3	0.00	2.50	2.00	0.50
4	0.00	2.50	2.00	0.50
5	-0.10	2.50	2.00	0.60
Area by Simpson's rule (Sqm)			94.000	31.255

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Line No:476 - Ch. 1244.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.00	0.60
1	-0.10	2.50	2.00	0.60
2	0.00	2.50	2.00	0.50
3	-0.10	2.50	2.00	0.60
4	0.00	2.50	2.00	0.50
5	0.00	2.50	2.00	0.50
Area by Simpson's rule (Sqm)			94.000	33.505

Line No:477 - Ch. 1244.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.00	2.50	0.00	2.50
2	-0.10	2.50	0.00	2.60
3	0.00	2.50	0.00	2.50
4	-0.10	2.50	0.00	2.60
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	120.805

Line No:478 - Ch. 1244.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.00	2.50	0.00	2.50
2	0.00	2.50	0.00	2.50
3	0.00	2.50	0.00	2.50
4	-0.10	2.50	0.00	2.60
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	120.205

Line No:479 - Ch. 1244.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	0.00	2.40
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	-0.10	2.50	0.00	2.60
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	117.710

Line No:480 - Ch. 1244.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.10	2.50	0.00	2.40
2	0.20	2.50	0.00	2.30
3	0.10	2.50	0.00	2.40
4	0.10	2.50	0.00	2.40
5	0.00	2.50	0.00	2.50
Area by Simpson's rule (Sqm)			0.000	114.400

Line No:481 - Ch. 1244.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	0.00	2.30
1	-0.20	2.50	0.00	2.70
2	-0.10	2.50	0.00	2.60
3	0.00	2.50	0.00	2.50
4	0.00	2.50	0.00	2.50
5	0.20	2.50	0.00	2.30
Area by Simpson's rule (Sqm)			0.000	119.290

Line No:482 - Ch. 1244.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.00	2.50	0.00	2.50
2	0.10	2.50	0.00	2.40
3	-0.20	2.50	0.00	2.70
4	-0.20	2.50	0.00	2.70
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	122.755

Line No:483 - Ch. 1244.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	0.40	2.50	0.00	2.10
2	-0.20	2.50	0.00	2.70
3	0.00	2.50	0.00	2.50
4	0.00	2.50	0.00	2.50
5	-0.10	2.50	0.00	2.60
Area by Simpson's rule (Sqm)			0.000	115.855

Line No:484 - Ch. 1244.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	0.00	2.60
1	-0.10	2.50	0.00	2.60
2	0.00	2.50	0.00	2.50
3	-0.20	2.50	0.00	2.70
4	-0.10	2.50	0.00	2.60
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	125.075



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Line No:485 - Ch. 1244.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.20	2.50	0.00	2.70
2	-0.30	2.50	0.00	2.80
3	-0.30	2.50	0.00	2.80
4	-0.30	2.50	0.00	2.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	132.065

Line No:486 - Ch. 1244.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	-1.00	2.50	0.00	3.50
2	-0.90	2.50	0.00	3.40
3	-0.70	2.50	0.00	3.20
4	-0.30	2.50	0.00	2.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	154.945

Line No:487 - Ch. 1244.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	0.00	2.90
1	-0.40	2.50	0.00	2.90
2	-0.40	2.50	0.00	2.90
3	-0.50	2.50	0.00	3.00
4	-0.50	2.50	0.00	3.00
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	141.605

Line No:488 - Ch. 1244.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	0.00	2.70
1	-0.30	2.50	0.00	2.80
2	-0.50	2.50	0.00	3.00
3	-0.30	2.50	0.00	2.80
4	-0.30	2.50	0.00	2.80
5	-0.40	2.50	0.00	2.90
Area by Simpson's rule (Sqm)			0.000	135.200

Line No:489 - Ch. 1244.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	0.00	2.50
1	-0.20	2.50	0.00	2.70
2	-0.30	2.50	0.00	2.80
3	-0.20	2.50	0.00	2.70
4	-0.30	2.50	0.00	2.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	129.745

Line No:490 - Ch. 1244.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	0.00	2.80
1	-0.40	2.50	0.00	2.90
2	-0.40	2.50	0.00	2.90
3	-0.30	2.50	0.00	2.80
4	-0.30	2.50	0.00	2.80
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	135.640

Line No:491 - Ch. 1244.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.30	2.50	0.00	2.80
2	-0.30	2.50	0.00	2.80
3	-0.30	2.50	0.00	2.80
4	-0.10	2.50	0.00	2.60
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	133.520

Line No:492 - Ch. 1243.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.50	2.50	0.00	3.00
2	-0.50	2.50	0.00	3.00
3	-0.30	2.50	0.00	2.80
4	-0.30	2.50	0.00	2.80
5	-0.50	2.50	0.00	3.00
Area by Simpson's rule (Sqm)			0.000	140.100

Line No:493 - Ch. 1243.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.50	2.50	0.00	3.00
2	-0.40	2.50	0.00	2.90
3	-0.50	2.50	0.00	3.00
4	-0.20	2.50	0.00	2.70
5	-0.20	2.50	0.00	2.70
Area by Simpson's rule (Sqm)			0.000	138.945

Line No:494 - Ch. 1243.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	0.00	3.10
1	-0.50	2.50	0.00	3.00
2	-0.50	2.50	0.00	3.00
3	-0.50	2.50	0.00	3.00
4	-0.70	2.50	0.00	3.20
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	147.625



Line No:495 - Ch. 1243.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	0.00	3.00
1	-0.50	2.50	0.00	3.00
2	-0.60	2.50	0.00	3.10
3	-0.70	2.50	0.00	3.20
4	-0.50	2.50	0.00	3.00
5	-0.60	2.50	0.00	3.10
Area by Simpson's rule (Sqm)			0.000	147.755

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Line No:496 - Ch. 1243.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.80	2.50	0.00	3.30
2	-0.80	2.50	0.00	3.30
3	-0.90	2.50	0.00	3.40
4	-0.80	2.50	0.00	3.30
5	-0.70	2.50	0.00	3.20
Area by Simpson's rule (Sqm)			0.000	159.190

Line No:497 - Ch. 1243.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.70	2.50	0.00	3.20
2	-0.70	2.50	0.00	3.20
3	-0.70	2.50	0.00	3.20
4	-0.70	2.50	0.00	3.20
5	-0.90	2.50	0.00	3.40
Area by Simpson's rule (Sqm)			0.000	155.800

Line No:498 - Ch. 1243.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.70	2.50	0.00	3.20
1	-0.70	2.50	0.00	3.20
2	-0.70	2.50	0.00	3.20
3	-0.70	2.50	0.00	3.20
4	-0.90	2.50	0.00	3.40
5	-0.30	2.50	0.00	2.80
Area by Simpson's rule (Sqm)			0.000	152.740

Line No:499 - Ch. 1243.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	0.00	3.50
1	-1.00	2.50	0.00	3.50
2	-1.10	2.50	0.00	3.60
3	-1.10	2.50	0.00	3.60
4	-1.00	2.50	0.00	3.50
5	-1.00	2.50	0.00	3.50
Area by Simpson's rule (Sqm)			0.000	171.550

Line No:500 - Ch. 1243.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 0	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.80	2.50	0.00	3.30
1	-0.90	2.50	0.00	3.40
2	-1.00	2.50	0.00	3.50
3	0.00	2.50	0.00	2.50
4	1.00	2.50	0.00	1.50
5	1.50	2.50	0.00	1.00
Area by Simpson's rule (Sqm)			0.000	123.395

Line No:501 - Ch. 1243.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-1.00	2.50	2.80	0.70
1	-1.00	2.50	2.80	0.70
2	-0.70	2.50	2.80	0.40
3	0.30	2.50	2.20	0.00
4	0.80	2.50	1.70	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			107.990	22.425

Line No:502 - Ch. 1243.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	1.30	2.50	1.20	0.00
2	1.10	2.50	1.40	0.00
3	1.10	2.50	1.40	0.00
4	1.00	2.50	1.50	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			62.950	4.100

Line No:503 - Ch. 1243.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	0.80	2.50	1.70	0.00
2	1.30	2.50	1.20	0.00
3	1.10	2.50	1.40	0.00
4	1.80	2.50	0.70	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			58.105	2.810

Line No:504 - Ch. 1243.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.20	2.50	1.30	0.00
2	1.40	2.50	1.10	0.00
3	1.60	2.50	0.90	0.00
4	1.60	2.50	0.90	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			46.445	1.690



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Line No:505 - Ch. 1243.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.50	2.50	1.00	0.00
2	1.10	2.50	1.40	0.00
3	1.90	2.50	0.60	0.00
4	1.50	2.50	1.00	0.00
5	2.30	2.50	0.20	0.00
Area by Simpson's rule (Sqm)			40.340	1.480

Line No:506 - Ch. 1243.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.50	2.50	1.00	0.00
2	1.40	2.50	1.10	0.00
3	1.20	2.50	1.30	0.00
4	1.00	2.50	1.50	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			50.545	0.890

Line No:507 - Ch. 1243.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	2.10	2.50	0.40	0.00
1	1.40	2.50	1.10	0.00
2	1.40	2.50	1.10	0.00
3	1.50	2.50	1.00	0.00
4	1.70	2.50	0.80	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			41.960	0.520

Line No:508 - Ch. 1243.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.40	2.50	1.10	0.00
2	1.20	2.50	1.30	0.00
3	1.60	2.50	0.90	0.00
4	1.70	2.50	0.80	0.00
5	2.40	2.50	0.10	0.00
Area by Simpson's rule (Sqm)			41.755	1.010

Line No:509 - Ch. 1243.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.60	2.50	0.90	0.00
2	1.80	2.50	0.70	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			49.190	2.080

Line No:510 - Ch. 1243.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.80	2.50	0.70	0.00
1	1.70	2.50	0.80	0.00
2	1.50	2.50	1.00	0.00
3	1.30	2.50	1.20	0.00
4	1.20	2.50	1.30	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			47.650	1.700

Line No:511 - Ch. 1243.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.80	2.50	0.70	0.00
2	1.50	2.50	1.00	0.00
3	1.40	2.50	1.10	0.00
4	2.00	2.50	0.50	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			36.950	1.000

Line No:512 - Ch. 1243.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.50	2.50	1.00	0.00
1	1.50	2.50	1.00	0.00
2	1.40	2.50	1.10	0.00
3	1.40	2.50	1.10	0.00
4	1.80	2.50	0.70	0.00
5	1.70	2.50	0.80	0.00
Area by Simpson's rule (Sqm)			44.470	1.640

Line No:513 - Ch. 1243.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	1.80	2.50	0.70	0.00
2	1.30	2.50	1.20	0.00
3	1.20	2.50	1.30	0.00
4	1.10	2.50	1.40	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			46.795	0.890

Line No:514 - Ch. 1243.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	1.30	2.50	1.20	0.00
2	1.20	2.50	1.30	0.00
3	1.40	2.50	1.10	0.00
4	1.70	2.50	0.80	0.00
5	1.70	2.50	0.80	0.00
Area by Simpson's rule (Sqm)			49.225	1.850



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Line No:515 - Ch. 1243.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.20	2.50	1.30	0.00
2	1.20	2.50	1.30	0.00
3	1.60	2.50	0.90	0.00
4	1.90	2.50	0.60	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			46.415	1.930

Line No:516 - Ch. 1243.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.90	2.50	1.60	0.00
1	1.30	2.50	1.20	0.00
2	1.90	2.50	0.60	0.00
3	1.20	2.50	1.30	0.00
4	1.10	2.50	1.40	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			50.180	2.560

Line No:517 - Ch. 1243.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	1.10	2.50	1.40	0.00
2	1.40	2.50	1.10	0.00
3	1.40	2.50	1.10	0.00
4	1.80	2.50	0.70	0.00
5	2.10	2.50	0.40	0.00
Area by Simpson's rule (Sqm)			50.275	3.050

Line No:518 - Ch. 1243.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	1.20	2.50	1.30	0.00
2	1.40	2.50	1.10	0.00
3	1.50	2.50	1.00	0.00
4	1.60	2.50	0.90	0.00
5	2.20	2.50	0.30	0.00
Area by Simpson's rule (Sqm)			45.450	0.900

Line No:519 - Ch. 1243.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	0.90	2.50	1.60	0.00
2	1.50	2.50	1.00	0.00
3	1.50	2.50	1.00	0.00
4	1.70	2.50	0.80	0.00
5	2.50	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			48.825	2.250

Line No:520 - Ch. 1243.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.00	2.50	1.50	0.00
2	1.10	2.50	1.40	0.00
3	1.40	2.50	1.10	0.00
4	1.50	2.50	1.00	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			56.735	2.770

Line No:521 - Ch. 1243.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	1.40	2.50	1.10	0.00
2	1.50	2.50	1.00	0.00
3	1.70	2.50	0.80	0.00
4	2.00	2.50	0.50	0.00
5	3.00	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			36.455	1.210

Line No:522 - Ch. 1243.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.20	2.50	1.30	0.00
2	2.10	2.50	0.40	0.00
3	1.40	2.50	1.10	0.00
4	2.40	2.50	0.10	0.00
5	2.20	2.50	0.30	0.00
Area by Simpson's rule (Sqm)			37.665	1.530

Line No:523 - Ch. 1243.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.00	2.50	1.50	0.00
2	1.10	2.50	1.40	0.00
3	1.80	2.50	0.70	0.00
4	1.80	2.50	0.70	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			47.170	1.940

Line No:524 - Ch. 1243.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.30	2.50	1.20	0.00
2	1.50	2.50	1.00	0.00
3	1.70	2.50	0.80	0.00
4	1.90	2.50	0.60	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			42.055	2.210



Line No:525 - Ch. 1243.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.10	2.50	1.40	0.00
2	1.60	2.50	0.90	0.00
3	1.60	2.50	0.90	0.00
4	1.90	2.50	0.60	0.00
5	2.30	2.50	0.20	0.00
Area by Simpson's rule (Sqm)			44.045	2.290

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Line No:526 - Ch. 1243.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	1.10	2.50	1.40	0.00
2	1.10	2.50	1.40	0.00
3	1.00	2.50	1.50	0.00
4	1.90	2.50	0.60	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			57.600	3.600

Line No:527 - Ch. 1243.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.90	2.50	1.60	0.00
2	1.20	2.50	1.30	0.00
3	2.00	2.50	0.50	0.00
4	2.00	2.50	0.50	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			46.175	3.250

Line No:528 - Ch. 1243.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	1.20	2.50	1.30	0.00
2	1.00	2.50	1.50	0.00
3	1.70	2.50	0.80	0.00
4	2.00	2.50	0.50	0.00
5	2.60	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			44.970	3.240

Line No:529 - Ch. 1243.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.40	2.50	1.10	0.00
2	1.30	2.50	1.20	0.00
3	1.20	2.50	1.30	0.00
4	2.60	2.50	0.00	0.00
5	2.40	2.50	0.10	0.00
Area by Simpson's rule (Sqm)			41.200	1.700

Line No:530 - Ch. 1243.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.80	2.50	1.70	0.00
2	1.10	2.50	1.40	0.00
3	1.50	2.50	1.00	0.00
4	1.70	2.50	0.80	0.00
5	2.90	2.50	0.00	0.00
Area by Simpson's rule (Sqm)			55.820	4.840

Line No:531 - Ch. 1243.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	1.10	2.50	1.40	0.00
2	1.30	2.50	1.20	0.00
3	2.00	2.50	0.50	0.00
4	2.00	2.50	0.50	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			44.125	4.250

Line No:532 - Ch. 1243.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	1.30	2.50	1.20	0.00
2	1.60	2.50	0.90	0.00
3	1.60	2.50	0.90	0.00
4	1.80	2.50	0.70	0.00
5	2.00	2.50	0.50	0.00
Area by Simpson's rule (Sqm)			47.245	5.090

Line No:533 - Ch. 1243.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	1.00	2.50	1.50	0.00
2	1.20	2.50	1.30	0.00
3	1.40	2.50	1.10	0.00
4	1.60	2.50	0.90	0.00
5	2.10	2.50	0.40	0.00
Area by Simpson's rule (Sqm)			56.135	4.570

Line No:534 - Ch. 1243.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	1.00	2.50	1.50	0.00
2	1.20	2.50	1.30	0.00
3	2.90	2.50	0.00	0.00
4	1.30	2.50	1.20	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			45.800	3.700



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Line No:535 - Ch. 1243.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.20	2.50	1.30	0.00
2	1.80	2.50	0.70	0.00
3	1.60	2.50	0.90	0.00
4	1.70	2.50	0.80	0.00
5	1.70	2.50	0.80	0.00
Area by Simpson's rule (Sqm)			46.145	2.890

Line No:536 - Ch. 1243.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.40	2.50	1.10	0.00
2	1.10	2.50	1.40	0.00
3	1.30	2.50	1.20	0.00
4	1.10	2.50	1.40	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			57.680	3.460

Line No:537 - Ch. 1243.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	1.00	2.50	1.50	0.00
2	1.30	2.50	1.20	0.00
3	1.50	2.50	1.00	0.00
4	1.70	2.50	0.80	0.00
5	2.20	2.50	0.30	0.00
Area by Simpson's rule (Sqm)			51.140	2.980

Line No:538 - Ch. 1243.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	1.00	2.50	1.50	0.00
2	1.30	2.50	1.20	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			64.265	4.930

Line No:539 - Ch. 1243.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	1.00	2.50	1.50	0.00
2	1.30	2.50	1.20	0.00
3	0.80	2.50	1.70	0.00
4	1.10	2.50	1.40	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			69.655	5.210

Line No:540 - Ch. 1243.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.70	2.50	1.80	0.00
2	1.40	2.50	1.10	0.00
3	1.20	2.50	1.30	0.00
4	2.10	2.50	0.40	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			61.000	5.300

Line No:541 - Ch. 1243.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.20	2.50	1.30	0.00
1	1.10	2.50	1.40	0.00
2	1.00	2.50	1.50	0.00
3	1.00	2.50	1.50	0.00
4	1.70	2.50	0.80	0.00
5	2.20	2.50	0.30	0.00
Area by Simpson's rule (Sqm)			55.940	1.780

Line No:542 - Ch. 1243.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.50	2.50	1.00	0.00
2	0.50	2.50	2.00	0.00
3	1.00	2.50	1.50	0.00
4	1.20	2.50	1.30	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			63.495	3.690

Line No:543 - Ch. 1243.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.30	0.00
1	0.30	2.50	2.20	0.00
2	0.50	2.50	2.00	0.00
3	0.90	2.50	1.60	0.00
4	0.80	2.50	1.70	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			89.615	8.530

Line No:544 - Ch. 1243.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.80	2.50	1.70	0.00
2	0.40	2.50	2.10	0.00
3	0.20	2.50	2.30	0.00
4	0.60	2.50	1.90	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			92.075	6.850



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Line No:545 - Ch. 1243.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.40	2.50	2.10	0.00
2	0.70	2.50	1.80	0.00
3	0.50	2.50	2.00	0.00
4	0.40	2.50	2.10	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			94.490	8.080

Line No:546 - Ch. 1243.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.30	2.50	2.20	0.00
2	0.30	2.50	2.20	0.00
3	0.40	2.50	2.10	0.00
4	0.50	2.50	2.00	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			91.820	4.240

Line No:547 - Ch. 1243.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.30	2.50	2.20	0.00
2	0.80	2.50	1.70	0.00
3	0.90	2.50	1.60	0.00
4	1.00	2.50	1.50	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			82.250	6.100

Line No:548 - Ch. 1243.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.20	2.50	2.30	0.00
2	0.70	2.50	1.80	0.00
3	0.90	2.50	1.60	0.00
4	1.00	2.50	1.50	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			82.405	5.210

Line No:549 - Ch. 1243.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.40	2.50	2.10	0.00
2	0.60	2.50	1.90	0.00
3	0.90	2.50	1.60	0.00
4	1.10	2.50	1.40	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			81.440	6.280

Line No:550 - Ch. 1243.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.30	2.50	2.20	0.00
2	0.60	2.50	1.90	0.00
3	1.10	2.50	1.40	0.00
4	0.90	2.50	1.60	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			81.175	6.050

Line No:551 - Ch. 1243.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 2.8	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.30	0.00
1	0.50	2.50	2.00	0.00
2	0.60	2.50	1.90	0.00
3	0.80	2.50	1.70	0.00
4	1.10	2.50	1.40	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			82.540	6.980

Line No:552 - Ch. 1243.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	1.90	0.20
1	0.40	2.50	1.90	0.20
2	0.70	2.50	1.80	0.00
3	0.80	2.50	1.70	0.00
4	1.30	2.50	1.20	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			77.200	8.320

Line No:553 - Ch. 1243.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	1.90	0.60
1	0.20	2.50	1.90	0.40
2	0.30	2.50	1.90	0.30
3	0.40	2.50	1.90	0.20
4	0.80	2.50	1.70	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			85.130	16.840

Line No:554 - Ch. 1243.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	1.90	0.60
1	0.40	2.50	1.90	0.20
2	0.50	2.50	1.90	0.10
3	0.80	2.50	1.70	0.00
4	1.10	2.50	1.40	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			78.725	10.030



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Line No:555 - Ch. 1243.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	1.90	0.60
1	0.00	2.50	1.90	0.60
2	0.40	2.50	1.90	0.20
3	0.70	2.50	1.80	0.00
4	0.90	2.50	1.60	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			82.585	15.950

Line No:556 - Ch. 1243.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	1.90	0.30
1	0.20	2.50	1.90	0.40
2	0.40	2.50	1.90	0.20
3	0.70	2.50	1.80	0.00
4	0.80	2.50	1.70	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			83.930	12.805

Line No:557 - Ch. 1243.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	1.90	0.70
1	0.20	2.50	1.90	0.40
2	0.60	2.50	1.90	0.00
3	0.90	2.50	1.60	0.00
4	0.90	2.50	1.60	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			81.385	13.315

Line No:558 - Ch. 1243.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	1.90	0.40
1	0.10	2.50	1.90	0.50
2	0.40	2.50	1.90	0.20
3	0.70	2.50	1.80	0.00
4	0.90	2.50	1.60	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			82.585	14.050

Line No:559 - Ch. 1243.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	1.90	0.60
1	0.10	2.50	1.90	0.50
2	0.50	2.50	1.90	0.10
3	0.70	2.50	1.80	0.00
4	0.60	2.50	1.90	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			86.650	15.080

Line No:560 - Ch. 1243.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	1.90	0.60
1	0.30	2.50	1.90	0.30
2	0.10	2.50	1.90	0.50
3	0.80	2.50	1.70	0.00
4	1.10	2.50	1.40	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			80.480	14.440

Line No:561 - Ch. 1243.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	1.90	0.60
1	0.70	2.50	1.80	0.00
2	1.30	2.50	1.20	0.00
3	0.90	2.50	1.60	0.00
4	1.40	2.50	1.10	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			69.310	6.800

Line No:562 - Ch. 1243.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	0.60	2.50	1.90	0.00
2	0.90	2.50	1.60	0.00
3	1.20	2.50	1.30	0.00
4	2.00	2.50	0.50	0.00
5	2.20	2.50	0.30	0.00
Area by Simpson's rule (Sqm)			60.165	3.330

Line No:563 - Ch. 1243.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	1.90	0.60
1	0.60	2.50	1.90	0.00
2	0.80	2.50	1.70	0.00
3	1.20	2.50	1.30	0.00
4	2.00	2.50	0.50	0.00
5	1.40	2.50	1.10	0.00
Area by Simpson's rule (Sqm)			65.410	6.800

Line No:564 - Ch. 1243.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	1.90	0.20
1	0.70	2.50	1.80	0.00
2	0.90	2.50	1.60	0.00
3	1.30	2.50	1.20	0.00
4	2.00	2.50	0.50	0.00
5	2.20	2.50	0.30	0.00
Area by Simpson's rule (Sqm)			58.250	4.320



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Line No:565 - Ch. 1243.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.90	0.10
1	1.00	2.50	1.50	0.00
2	1.00	2.50	1.50	0.00
3	1.30	2.50	1.20	0.00
4	1.40	2.50	1.10	0.00
5	1.50	2.50	1.00	0.00
Area by Simpson's rule (Sqm)			62.155	4.915

Line No:566 - Ch. 1243.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	1.90	0.30
1	0.80	2.50	1.70	0.00
2	0.90	2.50	1.60	0.00
3	0.90	2.50	1.60	0.00
4	1.40	2.50	1.10	0.00
5	1.80	2.50	0.70	0.00
Area by Simpson's rule (Sqm)			68.350	5.045

Line No:567 - Ch. 1243.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.90	0.10
1	0.70	2.50	1.80	0.00
2	1.20	2.50	1.30	0.00
3	1.40	2.50	1.10	0.00
4	1.20	2.50	1.30	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			67.135	5.875

Line No:568 - Ch. 1243.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.90	0.10
1	0.90	2.50	1.60	0.00
2	0.90	2.50	1.60	0.00
3	1.50	2.50	1.00	0.00
4	1.40	2.50	1.10	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			64.430	6.165

Line No:569 - Ch. 1243.22

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	1.30	2.50	1.20	0.00
2	1.50	2.50	1.00	0.00
3	1.30	2.50	1.20	0.00
4	1.10	2.50	1.40	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			59.720	5.140

Line No:570 - Ch. 1243.21

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.40	2.50	1.10	0.00
2	2.00	2.50	0.50	0.00
3	1.30	2.50	1.20	0.00
4	2.10	2.50	0.40	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			45.345	3.690

Line No:571 - Ch. 1243.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.90	0.10
1	0.70	2.50	1.80	0.00
2	1.00	2.50	1.50	0.00
3	1.70	2.50	0.80	0.00
4	1.80	2.50	0.70	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			59.650	5.605

Line No:572 - Ch. 1243.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.90	0.10
1	0.70	2.50	1.80	0.00
2	1.00	2.50	1.50	0.00
3	1.80	2.50	0.70	0.00
4	2.10	2.50	0.40	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			52.385	4.275

Line No:573 - Ch. 1243.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.10	2.50	1.40	0.00
2	1.10	2.50	1.40	0.00
3	1.10	2.50	1.40	0.00
4	2.10	2.50	0.40	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			57.905	4.210

Line No:574 - Ch. 1243.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	1.60	2.50	0.90	0.00
2	1.30	2.50	1.20	0.00
3	1.10	2.50	1.40	0.00
4	1.60	2.50	0.90	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			55.970	5.140



Line No:575 - Ch. 1243.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	1.10	2.50	1.40	0.00
2	1.50	2.50	1.00	0.00
3	1.10	2.50	1.40	0.00
4	0.90	2.50	1.60	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			66.625	5.450

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Line No:576 - Ch. 1243.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.80	2.50	1.70	0.00
2	1.10	2.50	1.40	0.00
3	1.20	2.50	1.30	0.00
4	1.80	2.50	0.70	0.00
5	1.90	2.50	0.60	0.00
Area by Simpson's rule (Sqm)			60.035	3.970

Line No:577 - Ch. 1243.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.90	2.50	1.60	0.00
2	1.00	2.50	1.50	0.00
3	1.10	2.50	1.40	0.00
4	1.60	2.50	0.90	0.00
5	1.30	2.50	1.20	0.00
Area by Simpson's rule (Sqm)			64.415	4.330

Line No:578 - Ch. 1243.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.00	2.50	1.50	0.00
2	1.00	2.50	1.50	0.00
3	1.20	2.50	1.30	0.00
4	1.20	2.50	1.30	0.00
5	1.20	2.50	1.30	0.00
Area by Simpson's rule (Sqm)			64.670	3.940

Line No:579 - Ch. 1243.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.70	2.50	1.80	0.00
1	1.10	2.50	1.40	0.00
2	2.30	2.50	0.20	0.00
3	1.50	2.50	1.00	0.00
4	1.50	2.50	1.00	0.00
5	1.60	2.50	0.90	0.00
Area by Simpson's rule (Sqm)			48.975	4.050

Line No:580 - Ch. 1243.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	1.90	0.40
1	0.40	2.50	1.90	0.20
2	0.50	2.50	1.90	0.10
3	0.80	2.50	1.70	0.00
4	0.80	2.50	1.70	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			83.950	10.780

Line No:581 - Ch. 1243.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.90	0.10
1	0.80	2.50	1.70	0.00
2	1.30	2.50	1.20	0.00
3	0.70	2.50	1.80	0.00
4	0.80	2.50	1.70	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			79.175	7.155

Line No:582 - Ch. 1243.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	1.90	0.10
1	0.70	2.50	1.80	0.00
2	0.80	2.50	1.70	0.00
3	0.90	2.50	1.60	0.00
4	0.80	2.50	1.70	0.00
5	1.00	2.50	1.50	0.00
Area by Simpson's rule (Sqm)			79.130	6.165

Line No:583 - Ch. 1243.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	1.90	0.40
1	0.30	2.50	1.90	0.30
2	0.40	2.50	1.90	0.20
3	0.40	2.50	1.90	0.20
4	0.90	2.50	1.60	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			84.985	14.650

Line No:584 - Ch. 1243.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	1.90	0.30
1	0.40	2.50	1.90	0.20
2	0.40	2.50	1.90	0.20
3	0.40	2.50	1.90	0.20
4	0.60	2.50	1.90	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			89.110	14.165



Line No:585 - Ch. 1243.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	1.90	0.40
1	0.30	2.50	1.90	0.30
2	0.40	2.50	1.90	0.20
3	0.70	2.50	1.80	0.00
4	0.40	2.50	1.90	0.20
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			87.910	14.800

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Line No:586 - Ch. 1243.05

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	1.90	0.20
1	0.50	2.50	1.90	0.10
2	0.30	2.50	1.90	0.30
3	0.40	2.50	1.90	0.20
4	0.70	2.50	1.80	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			88.360	13.240

Line No:587 - Ch. 1243.04

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	1.90	0.50
1	0.30	2.50	1.90	0.30
2	0.50	2.50	1.90	0.10
3	0.40	2.50	1.90	0.20
4	0.60	2.50	1.90	0.00
5	0.50	2.50	1.90	0.10
Area by Simpson's rule (Sqm)			89.110	15.900

Line No:588 - Ch. 1243.03

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	1.90	0.50
1	0.20	2.50	1.90	0.40
2	0.40	2.50	1.90	0.20
3	0.30	2.50	1.90	0.30
4	0.60	2.50	1.90	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			89.110	18.445

Line No:589 - Ch. 1243.02

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	1.90	0.30
1	0.30	2.50	1.90	0.30
2	0.40	2.50	1.90	0.20
3	0.40	2.50	1.90	0.20
4	0.20	2.50	1.90	0.40
5	0.50	2.50	1.90	0.10
Area by Simpson's rule (Sqm)			89.110	18.820

Line No:590 - Ch. 1243.01

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	1.90	0.20
1	0.40	2.50	1.90	0.20
2	0.30	2.50	1.90	0.30
3	0.40	2.50	1.90	0.20
4	0.60	2.50	1.90	0.00
5	0.20	2.50	1.90	0.40
Area by Simpson's rule (Sqm)			89.110	16.320

Line No:591 - Ch. 1243.00

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 1.9	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	1.90	0.40
1	0.60	2.50	1.90	0.00
2	0.40	2.50	1.90	0.20
3	0.40	2.50	1.90	0.20
4	0.30	2.50	1.90	0.30
5	0.40	2.50	1.90	0.20
Area by Simpson's rule (Sqm)			89.110	15.270

Line No:592 - Ch. 1242.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.60	2.50	1.90	0.00
2	0.50	2.50	2.00	0.00
3	0.30	2.50	2.20	0.00
4	0.30	2.50	2.20	0.00
5	0.40	2.50	2.10	0.00
Area by Simpson's rule (Sqm)			95.900	7.300

Line No:593 - Ch. 1242.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.30	2.50	2.20	0.00
4	0.50	2.50	2.00	0.00
5	0.40	2.50	2.10	0.00
Area by Simpson's rule (Sqm)			101.760	8.820

Line No:594 - Ch. 1242.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.30	0.00
1	0.40	2.50	2.10	0.00
2	0.10	2.50	2.40	0.00
3	0.30	2.50	2.20	0.00
4	0.20	2.50	2.30	0.00
5	0.50	2.50	2.00	0.00
Area by Simpson's rule (Sqm)			103.795	9.290



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Line No:595 - Ch. 1242.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.30	2.50	2.20	0.00
2	0.30	2.50	2.20	0.00
3	0.50	2.50	2.00	0.00
4	0.60	2.50	1.90	0.00
5	0.40	2.50	2.10	0.00
Area by Simpson's rule (Sqm)			100.130	10.660

Line No:596 - Ch. 1242.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.50	2.50	2.00	0.00
2	0.60	2.50	1.90	0.00
3	0.80	2.50	1.70	0.00
4	0.50	2.50	2.00	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			92.815	10.130

Line No:597 - Ch. 1242.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.20	2.50	2.30	0.00
4	0.40	2.50	2.10	0.00
5	0.30	2.50	2.20	0.00
Area by Simpson's rule (Sqm)			104.890	9.680

Line No:598 - Ch. 1242.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.10	2.50	2.40	0.00
2	0.10	2.50	2.40	0.00
3	0.10	2.50	2.40	0.00
4	0.50	2.50	2.00	0.00
5	0.30	2.50	2.20	0.00
Area by Simpson's rule (Sqm)			109.945	11.090

Line No:599 - Ch. 1242.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.00	2.50	2.50	0.00
2	0.50	2.50	2.00	0.00
3	0.60	2.50	1.90	0.00
4	0.40	2.50	2.10	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			104.170	11.540

Line No:600 - Ch. 1242.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.60	0.00
1	0.00	2.50	2.50	0.00
2	0.20	2.50	2.30	0.00
3	0.20	2.50	2.30	0.00
4	0.30	2.50	2.20	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			109.435	10.370

Line No:601 - Ch. 1242.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.30	2.50	2.20	0.00
2	0.40	2.50	2.10	0.00
3	0.50	2.50	2.00	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			104.555	12.010

Line No:602 - Ch. 1242.99

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	0.20	2.50	2.30	0.00
5	0.50	2.50	2.00	0.00
Area by Simpson's rule (Sqm)			109.075	10.250

Line No:603 - Ch. 1242.98

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.00	2.50	2.50	0.00
2	0.00	2.50	2.50	0.00
3	0.20	2.50	2.30	0.00
4	0.30	2.50	2.20	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sqm)			114.100	12.500

Line No:604 - Ch. 1242.97

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.20	2.50	2.70	0.00
2	-0.10	2.50	2.60	0.00
3	0.00	2.50	2.50	0.00
4	0.00	2.50	2.50	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sqm)			122.870	13.540



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Line No:605 - Ch. 1242.96

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	-0.30	2.50	2.80	0.00
2	-0.10	2.50	2.60	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			127.885	15.170

Line No:606 - Ch. 1242.95

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.10	2.50	2.60	0.00
2	0.00	2.50	2.50	0.00
3	-0.20	2.50	2.70	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			124.925	14.050

Line No:607 - Ch. 1242.94

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	-0.20	2.50	2.70	0.00
2	-0.20	2.50	2.70	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			127.285	15.170

Line No:608 - Ch. 1242.93

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	3.00	0.00
1	-0.40	2.50	2.90	0.00
2	-0.30	2.50	2.80	0.00
3	-0.10	2.50	2.60	0.00
4	0.00	2.50	2.50	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			128.730	14.760

Line No:609 - Ch. 1242.92

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.60	2.50	3.10	0.00
1	-0.50	2.50	3.00	0.00
2	-0.30	2.50	2.80	0.00
3	-0.30	2.50	2.80	0.00
4	-0.20	2.50	2.70	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			135.835	16.370

Line No:610 - Ch. 1242.91

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	-0.40	2.50	2.90	0.00
2	-0.30	2.50	2.80	0.00
3	-0.30	2.50	2.80	0.00
4	-0.30	2.50	2.80	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			135.625	16.250

Line No:611 - Ch. 1242.90

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	-0.30	2.50	2.80	0.00
2	-0.20	2.50	2.70	0.00
3	-0.30	2.50	2.80	0.00
4	-0.30	2.50	2.80	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			133.825	16.250

Line No:612 - Ch. 1242.89

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	-0.30	2.50	2.80	0.00
2	-0.40	2.50	2.90	0.00
3	-0.30	2.50	2.80	0.00
4	-0.40	2.50	2.90	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			134.335	15.170

Line No:613 - Ch. 1242.88

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	-0.40	2.50	2.90	0.00
2	-0.40	2.50	2.90	0.00
3	-0.50	2.50	3.00	0.00
4	0.00	2.50	2.50	0.00
5	0.60	2.50	1.90	0.00
Area by Simpson's rule (Sqm)			130.210	12.020

Line No:614 - Ch. 1242.87

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	-0.50	2.50	3.00	0.00
2	0.00	2.50	2.50	0.00
3	0.10	2.50	2.40	0.00
4	0.50	2.50	2.00	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			121.385	14.170



Line No:615 - Ch. 1242.86

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	3.00	0.00
1	0.00	2.50	2.50	0.00
2	0.30	2.50	2.20	0.00
3	0.20	2.50	2.30	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			115.230	14.760

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Line No:616 - Ch. 1242.85

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.20	2.50	2.30	0.00
2	0.40	2.50	2.10	0.00
3	0.30	2.50	2.20	0.00
4	0.30	2.50	2.20	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			106.720	11.540

Line No:617 - Ch. 1242.84

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.20	2.50	2.30	0.00
2	0.40	2.50	2.10	0.00
3	0.30	2.50	2.20	0.00
4	0.20	2.50	2.30	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			107.470	11.540

Line No:618 - Ch. 1242.83

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.30	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.20	2.50	2.30	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			108.275	11.050

Line No:619 - Ch. 1242.82

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.30	0.00
1	0.20	2.50	2.30	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	0.10	2.50	2.40	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sqm)			113.320	11.540

Line No:620 - Ch. 1242.81

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.20	2.50	2.30	0.00
4	0.00	2.50	2.50	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			108.735	10.170

Line No:621 - Ch. 1242.80

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.40	0.00
1	0.50	2.50	2.00	0.00
2	0.40	2.50	2.10	0.00
3	0.40	2.50	2.10	0.00
4	0.30	2.50	2.20	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			101.375	11.050

Line No:622 - Ch. 1242.79

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.30	2.50	2.20	0.00
4	0.40	2.50	2.10	0.00
5	0.40	2.50	2.10	0.00
Area by Simpson's rule (Sqm)			103.025	9.250

Line No:623 - Ch. 1242.78

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.30	2.50	2.20	0.00
2	0.30	2.50	2.20	0.00
3	0.50	2.50	2.00	0.00
4	0.60	2.50	1.90	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sqm)			100.730	10.660

Line No:624 - Ch. 1242.77

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.30	2.50	2.20	0.00
2	0.30	2.50	2.20	0.00
3	0.40	2.50	2.10	0.00
4	0.50	2.50	2.00	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			105.340	12.680



Line No:625 - Ch. 1242.76

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.40	2.50	2.10	0.00
2	0.40	2.50	2.10	0.00
3	0.40	2.50	2.10	0.00
4	-0.20	2.50	2.70	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			108.275	12.250

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Line No:626 - Ch. 1242.75

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	-0.10	2.50	2.60	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			114.000	11.700

Line No:627 - Ch. 1242.74

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.40	2.50	2.10	0.00
2	0.40	2.50	2.10	0.00
3	-0.20	2.50	2.70	0.00
4	-0.20	2.50	2.70	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			116.210	12.820

Line No:628 - Ch. 1242.73

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.40	2.50	2.10	0.00
2	0.00	2.50	2.50	0.00
3	-0.10	2.50	2.60	0.00
4	-0.20	2.50	2.70	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			116.170	11.840

Line No:629 - Ch. 1242.71

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.30	0.00
1	0.40	2.50	2.10	0.00
2	0.00	2.50	2.50	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			116.240	12.580

Line No:630 - Ch. 1242.72

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.30	2.50	2.20	0.00
2	-0.10	2.50	2.60	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			117.515	12.130

Line No:631 - Ch. 1242.70

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.20	2.50	2.30	0.00
2	0.00	2.50	2.50	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			116.885	11.170

Line No:632 - Ch. 1242.69

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.00	2.50	2.50	0.00
2	-0.20	2.50	2.70	0.00
3	-0.20	2.50	2.70	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			121.685	11.170

Line No:633 - Ch. 1242.68

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	-0.10	2.50	2.60	0.00
2	-0.20	2.50	2.70	0.00
3	-0.10	2.50	2.60	0.00
4	0.00	2.50	2.60	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			121.145	11.290

Line No:634 - Ch. 1242.67

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.60	0.00
1	-0.10	2.50	2.60	0.00
2	-0.10	2.50	2.60	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			123.760	13.520



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Line No:635 - Ch. 1242.66

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.60	0.00
1	-0.10	2.50	2.60	0.00
2	-0.10	2.50	2.60	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sq.m)			123.760	13.520

Line No:636 - Ch. 1242.65

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.60	0.00
1	-0.10	2.50	2.60	0.00
2	-0.10	2.50	2.60	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sq.m)			123.760	13.520

Line No:637 - Ch. 1242.64

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.10	2.50	2.60	0.00
2	0.00	2.50	2.50	0.00
3	0.00	2.50	2.50	0.00
4	0.00	2.50	2.50	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sq.m)			121.070	13.540

Line No:638 - Ch. 1242.63

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.10	2.50	2.60	0.00
2	0.20	2.50	2.30	0.00
3	0.10	2.50	2.40	0.00
4	0.00	2.50	2.50	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sq.m)			118.670	13.540

Line No:639 - Ch. 1242.62

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	0.00	2.50	2.50	0.00
2	0.10	2.50	2.40	0.00
3	0.10	2.50	2.40	0.00
4	0.00	2.50	2.50	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sq.m)			119.230	14.660

Line No:640 - Ch. 1242.61

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.50	2.50	3.00	0.00
1	0.10	2.50	2.40	0.00
2	0.10	2.50	2.40	0.00
3	0.10	2.50	2.40	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sq.m)			116.430	14.760

Line No:641 - Ch. 1242.60

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.10	2.50	2.40	0.00
2	0.10	2.50	2.40	0.00
3	0.20	2.50	2.30	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sq.m)			112.355	12.010

Line No:642 - Ch. 1242.59

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.10	2.50	2.60	0.00
2	0.10	2.50	2.40	0.00
3	0.20	2.50	2.30	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sq.m)			115.875	13.050

Line No:643 - Ch. 1242.58

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.60	0.00
1	0.10	2.50	2.40	0.00
2	0.10	2.50	2.40	0.00
3	0.10	2.50	2.40	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sq.m)			114.110	12.520

Line No:644 - Ch. 1242.57

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.10	2.50	2.60	0.00
1	0.00	2.50	2.50	0.00
2	0.00	2.50	2.50	0.00
3	0.10	2.50	2.40	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sq.m)			115.910	12.520



Line No:645 - Ch. 1242.56

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	0.00	2.50	2.50	0.00
2	0.00	2.50	2.50	0.00
3	0.00	2.50	2.50	0.00
4	0.20	2.50	2.30	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			116.990	12.580

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Line No:646 - Ch. 1242.55

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.10	2.50	2.60	0.00
2	0.00	2.50	2.50	0.00
3	0.30	2.50	2.20	0.00
4	0.20	2.50	2.30	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			115.275	13.050

Line No:647 - Ch. 1242.54

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.10	2.50	2.60	0.00
2	0.20	2.50	2.30	0.00
3	0.40	2.50	2.10	0.00
4	0.30	2.50	2.20	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			111.440	12.580

Line No:648 - Ch. 1242.53

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.20	2.50	2.70	0.00
2	0.00	2.50	2.50	0.00
3	0.20	2.50	2.30	0.00
4	0.30	2.50	2.20	0.00
5	0.30	2.50	2.20	0.00
Area by Simpson's rule (Sqm)			115.565	12.130

Line No:649 - Ch. 1242.52

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	2.80	0.00
1	-0.20	2.50	2.70	0.00
2	0.10	2.50	2.40	0.00
3	0.30	2.50	2.20	0.00
4	0.30	2.50	2.20	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			115.015	13.130

Line No:650 - Ch. 1242.51

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.30	2.50	2.80	0.00
1	-0.20	2.50	2.70	0.00
2	0.10	2.50	2.40	0.00
3	0.20	2.50	2.30	0.00
4	0.10	2.50	2.40	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			118.400	13.600

Line No:651 - Ch. 1242.50

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.40	2.50	2.90	0.00
1	-0.20	2.50	2.70	0.00
2	0.00	2.50	2.50	0.00
3	0.20	2.50	2.30	0.00
4	0.20	2.50	2.30	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			118.150	13.700

Line No:652 - Ch. 1242.49

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	-0.20	2.50	2.70	0.00
1	-0.20	2.50	2.70	0.00
2	0.10	2.50	2.40	0.00
3	0.10	2.50	2.40	0.00
4	0.10	2.50	2.40	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			119.025	13.050

Line No:653 - Ch. 1242.48

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.00	2.50	2.50	0.00
2	0.00	2.50	2.50	0.00
3	0.00	2.50	2.50	0.00
4	0.10	2.50	2.40	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			116.620	11.540

Line No:654 - Ch. 1242.47

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.00	2.50	2.50	0.00
2	0.00	2.50	2.50	0.00
3	0.20	2.50	2.30	0.00
4	0.20	2.50	2.30	0.00
5	0.30	2.50	2.20	0.00
Area by Simpson's rule (Sqm)			112.795	11.090



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Line No:655 - Ch. 1242.46

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.00	2.50	2.50	0.00
2	0.00	2.50	2.50	0.00
3	0.00	2.50	2.50	0.00
4	0.10	2.50	2.40	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			116.620	11.540

Line No:656 - Ch. 1242.45

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.00	2.50	2.50	0.00
2	0.00	2.50	2.50	0.00
3	0.00	2.50	2.50	0.00
4	0.00	2.50	2.50	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sqm)			118.750	12.500

Line No:657 - Ch. 1242.44

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.30	0.00
1	0.10	2.50	2.40	0.00
2	0.10	2.50	2.40	0.00
3	0.10	2.50	2.40	0.00
4	0.10	2.50	2.40	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sqm)			113.920	11.540

Line No:658 - Ch. 1242.43

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.20	2.50	2.30	0.00
1	0.20	2.50	2.30	0.00
2	0.10	2.50	2.40	0.00
3	-0.10	2.50	2.60	0.00
4	0.00	2.50	2.50	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sqm)			115.870	11.540

Line No:659 - Ch. 1242.42

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	-0.10	2.50	2.60	0.00
4	-0.10	2.50	2.60	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			114.485	11.170

Line No:660 - Ch. 1242.41

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.40	2.50	2.10	0.00
2	0.10	2.50	2.40	0.00
3	0.00	2.50	2.50	0.00
4	-0.30	2.50	2.80	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			116.360	12.820

Line No:661 - Ch. 1242.40

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.50	2.50	2.00	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	-0.10	2.50	2.60	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			111.820	11.840

Line No:662 - Ch. 1242.39

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.40	2.50	2.10	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	-0.20	2.50	2.70	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			113.770	11.840

Line No:663 - Ch. 1242.38

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.40	2.50	2.10	0.00
2	0.40	2.50	2.10	0.00
3	0.10	2.50	2.40	0.00
4	-0.20	2.50	2.70	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			111.150	11.700

Line No:664 - Ch. 1242.37

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	-0.20	2.50	2.70	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			116.210	12.820

Line No:665 - Ch. 1242.36

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.20	2.50	2.30	0.00
2	0.40	2.50	2.10	0.00
3	0.10	2.50	2.40	0.00
4	-0.10	2.50	2.60	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			114.260	12.820

Line No:666 - Ch. 1242.35

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.50	2.50	2.00	0.00
2	0.40	2.50	2.10	0.00
3	0.10	2.50	2.40	0.00
4	0.00	2.50	2.50	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			109.405	12.410

Line No:667 - Ch. 1242.34

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.10	2.50	2.40	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	0.00	2.50	2.50	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			118.495	14.090

Line No:668 - Ch. 1242.33

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.40	0.00
1	0.10	2.50	2.40	0.00
2	0.10	2.50	2.40	0.00
3	0.10	2.50	2.40	0.00
4	0.00	2.50	2.50	0.00
5	0.00	2.50	2.50	0.00
Area by Simpson's rule (Sqm)			115.205	12.010

Line No:669 - Ch. 1242.32

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.10	2.50	2.40	0.00
1	0.30	2.50	2.20	0.00
2	-0.10	2.50	2.60	0.00
3	0.00	2.50	2.50	0.00
4	0.20	2.50	2.30	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			115.125	13.050

Line No:670 - Ch. 1242.31

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.60	2.50	1.90	0.00
2	0.00	2.50	2.50	0.00
3	0.00	2.50	2.50	0.00
4	-0.10	2.50	2.60	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			111.600	11.700

Line No:671 - Ch. 1242.30

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.50	2.50	2.00	0.00
2	0.00	2.50	2.50	0.00
3	-0.20	2.50	2.70	0.00
4	-0.20	2.50	2.70	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			116.675	12.250

Line No:672 - Ch. 1242.29

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.40	2.50	2.10	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	-0.20	2.50	2.70	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			114.275	12.250

Line No:673 - Ch. 1242.28

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.20	2.50	2.30	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	-0.40	2.50	2.90	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			118.910	12.820

Line No:674 - Ch. 1242.27

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.40	2.50	2.10	0.00
2	0.30	2.50	2.20	0.00
3	-0.20	2.50	2.70	0.00
4	-0.30	2.50	2.80	0.00
5	-0.50	2.50	3.00	0.00
Area by Simpson's rule (Sqm)			118.305	13.410

Line No:675 - Ch. 1242.26

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.40	2.50	2.10	0.00
2	0.20	2.50	2.30	0.00
3	0.00	2.50	2.50	0.00
4	-0.20	2.50	2.70	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			115.525	13.250

Line No:676 - Ch. 1242.25

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.40	2.50	2.10	0.00
1	0.40	2.50	2.10	0.00
2	0.30	2.50	2.20	0.00
3	0.10	2.50	2.40	0.00
4	0.00	2.50	2.50	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			110.250	11.700

Line No:677 - Ch. 1242.24

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.30	2.50	2.20	0.00
1	0.30	2.50	2.20	0.00
2	0.20	2.50	2.30	0.00
3	0.10	2.50	2.40	0.00
4	-0.10	2.50	2.60	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			114.775	13.250

Line No:678 - Ch. 1242.23

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.50	2.50	2.00	0.00
1	0.40	2.50	2.10	0.00
2	0.30	2.50	2.20	0.00
3	0.20	2.50	2.30	0.00
4	0.10	2.50	2.40	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			107.795	11.290

Line No:679 - Ch. 1242.22
Line No:680 - Ch. 1242.21



Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.60	2.50	1.90	0.00
1	0.40	2.50	2.10	0.00
2	0.30	2.50	2.20	0.00
3	0.10	2.50	2.40	0.00
4	0.00	2.50	2.50	0.00
5	-0.40	2.50	2.90	0.00
Area by Simpson's rule (Sqm)			110.710	12.020

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Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.50	2.50	2.00	0.00
2	0.30	2.50	2.20	0.00
3	0.20	2.50	2.30	0.00
4	0.00	2.50	2.50	0.00
5	-0.30	2.50	2.80	0.00
Area by Simpson's rule (Sqm)			106.615	10.730

Line No:681 - Ch. 1242.20

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.80	2.50	1.70	0.00
1	0.90	2.50	1.60	0.00
2	0.50	2.50	2.00	0.00
3	0.10	2.50	2.40	0.00
4	0.00	2.50	2.50	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			100.375	9.650

Line No:682- Ch. 1242.19

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	0.00	2.50	2.50	0.00
1	0.40	2.50	2.10	0.00
2	0.80	2.50	1.70	0.00
3	0.50	2.50	2.00	0.00
4	0.10	2.50	2.40	0.00
5	-0.20	2.50	2.70	0.00
Area by Simpson's rule (Sqm)			103.820	13.540

Line No:683 - Ch. 1242.18

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.10	2.50	1.40	0.00
1	1.20	2.50	1.30	0.00
2	0.00	2.50	2.50	0.00
3	0.20	2.50	2.30	0.00
4	0.40	2.50	2.10	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			94.210	8.720

Line No:684 - Ch. 1242.17

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.30	2.50	1.20	0.00
2	1.10	2.50	1.40	0.00
3	1.00	2.50	1.50	0.00
4	0.20	2.50	2.30	0.00
5	-0.10	2.50	2.60	0.00
Area by Simpson's rule (Sqm)			78.755	9.010

Line No:685 - Ch. 1242.16

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.40	2.50	1.10	0.00
2	1.40	2.50	1.10	0.00
3	0.70	2.50	1.80	0.00
4	0.40	2.50	2.10	0.00
5	0.10	2.50	2.40	0.00
Area by Simpson's rule (Sqm)			76.455	8.010

Line No:686 - Ch. 1242.15

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	1.40	2.50	1.10	0.00
2	1.10	2.50	1.40	0.00
3	0.90	2.50	1.60	0.00
4	0.50	2.50	2.00	0.00
5	0.20	2.50	2.30	0.00
Area by Simpson's rule (Sqm)			73.115	6.730



Line No:687 - Ch. 1242.14

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.20	2.50	1.30	0.00
2	1.30	2.50	1.20	0.00
3	1.10	2.50	1.40	0.00
4	0.90	2.50	1.60	0.00
5	0.40	2.50	2.10	0.00
Area by Simpson's rule (Sqm)			68.880	6.660

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Line No:688 - Ch. 1242.13

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.20	2.50	1.30	0.00
2	1.40	2.50	1.10	0.00
3	1.00	2.50	1.50	0.00
4	0.90	2.50	1.60	0.00
5	0.50	2.50	2.00	0.00
Area by Simpson's rule (Sqm)			68.825	6.250

Line No:689 - Ch. 1242.12

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	2.50	2.50	0.00	0.00
2	1.60	2.50	0.90	0.00
3	1.20	2.50	1.30	0.00
4	1.00	2.50	1.50	0.00
5	0.40	2.50	2.10	0.00
Area by Simpson's rule (Sqm)			46.625	5.050

Line No:690 - Ch. 1242.11

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.60	2.50	0.90	0.00
1	2.00	2.50	0.50	0.00
2	2.80	2.50	0.00	0.00
3	1.30	2.50	1.20	0.00
4	1.10	2.50	1.40	0.00
5	0.70	2.50	1.80	0.00
Area by Simpson's rule (Sqm)			43.725	4.050

Line No:691 - Ch. 1242.10

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.30	2.50	1.20	0.00
1	2.70	2.50	0.00	0.00
2	2.00	2.50	0.50	0.00
3	1.80	2.50	0.70	0.00
4	1.20	2.50	1.30	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			33.950	4.000

Line No:692 - Ch. 1242.09

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.40	2.50	1.10	0.00
1	2.80	2.50	0.00	0.00
2	4.50	2.50	0.00	0.00
3	2.00	2.50	0.50	0.00
4	1.80	2.50	0.70	0.00
5	0.90	2.50	1.60	0.00
Area by Simpson's rule (Sqm)			23.635	3.770

Line No:693 - Ch. 1242.08

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.70	2.50	0.80	0.00
1	3.70	2.50	0.00	0.00
2	4.30	2.50	0.00	0.00
3	3.70	2.50	0.00	0.00
4	1.40	2.50	1.10	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			20.065	3.530

Line No:694 - Ch. 1242.07

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.00	2.50	1.50	0.00
1	1.90	2.50	0.60	0.00
2	3.00	2.50	0.00	0.00
3	4.50	2.50	0.00	0.00
4	3.40	2.50	0.00	0.00
5	1.10	2.50	1.40	0.00
Area by Simpson's rule (Sqm)			20.105	4.210

Line No:695 - Ch. 1242.06

Sounding position from the dredging block right to left	Pre-Dredging sounding in M	Depth to be achieved below Chart Datum in M	Starting Depth of Hard Strata from bed = 4	
			Depth of Cut in Soft in M	Depth of cut in Hard in M
0	1.90	2.50	0.60	0.00
1	3.30	2.50	0.00	0.00
2	4.30	2.50	0.00	0.00
3	3.60	2.50	0.00	0.00
4	1.10	2.50	1.40	0.00
5	0.80	2.50	1.70	0.00
Area by Simpson's rule (Sqm)			21.575	3.250



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TOTAL AREA OF 7000M LENGTH & 45M WIDTH DREDGING AREA WITH SPACING BETWEEN EACH LINE = 10M

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
0	3.84	0.18	Sqm
1	6.53	0.16	Sqm
2	13.90	0.20	Sqm
3	10.00	0.20	Sqm
4	18.90	0.29	Sqm
5	26.73	0.65	Sqm
6	41.99	1.48	Sqm
7	42.82	1.64	Sqm
8	49.46	2.02	Sqm
9	49.53	1.85	Sqm
10	50.35	2.00	Sqm
11	40.30	2.00	Sqm
12	49.44	2.88	Sqm
13	58.33	4.45	Sqm
14	40.99	2.18	Sqm
15	53.80	2.90	Sqm
16	41.25	2.69	Sqm
17	62.45	3.69	Sqm
18	59.75	4.00	Sqm
19	59.75	3.69	Sqm
20	60.65	3.69	Sqm
21	64.68	3.06	Sqm
22	67.07	4.24	Sqm
23	72.37	4.93	Sqm
24	73.39	4.58	Sqm
25	78.34	5.78	Sqm
26	74.41	4.21	Sqm
27	76.84	5.78	Sqm
28	78.49	6.98	Sqm
29	66.68	5.85	Sqm
30	52.75	2.00	Sqm
31	51.06	2.21	Sqm
32	36.98	3.46	Sqm
33	40.55	1.00	Sqm
34	31.75	1.70	Sqm
35	37.64	3.28	Sqm
36	30.85	2.00	Sqm
37	31.47	3.24	Sqm
38	33.46	1.22	Sqm
39	37.63	0.85	Sqm
40	46.29	1.37	Sqm
41	42.88	1.45	Sqm
42	36.97	1.94	Sqm
43	28.64	2.08	Sqm
44	36.90	1.80	Sqm
45	26.13	1.85	Sqm
Total	2094.90	119.70	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
46	38.65	1.69	Sqm
47	44.80	1.70	Sqm
48	56.33	4.05	Sqm
49	60.34	2.77	Sqm
50	70.96	5.41	Sqm
51	53.92	1.94	Sqm
52	78.40	5.30	Sqm
53	74.92	4.93	Sqm
54	76.96	4.21	Sqm
55	76.06	0.00	Sqm
56	82.84	0.00	Sqm
57	85.42	6.13	Sqm
58	76.72	4.33	Sqm
59	79.72	4.93	Sqm
60	84.09	5.57	Sqm
61	85.78	6.25	Sqm
62	85.03	7.16	Sqm
63	88.03	10.18	Sqm
64	83.38	6.27	Sqm
65	85.63	7.16	Sqm
66	84.28	9.93	Sqm
67	84.43	8.07	Sqm
68	82.63	8.98	Sqm
69	90.62	8.52	Sqm
70	87.43	8.96	Sqm
71	86.83	9.91	Sqm
72	77.40	10.24	Sqm
73	79.93	12.00	Sqm
74	80.85	8.87	Sqm
75	84.28	9.60	Sqm
76	78.77	9.06	Sqm
77	8.38	0.26	Sqm
78	25.15	0.49	Sqm
79	18.30	0.29	Sqm
80	23.89	0.37	Sqm
81	30.28	0.85	Sqm
82	24.75	0.29	Sqm
83	26.29	1.28	Sqm
84	28.43	0.45	Sqm
85	25.39	0.97	Sqm
86	24.12	0.53	Sqm
87	27.49	0.37	Sqm
88	26.36	0.81	Sqm
89	15.55	0.49	Sqm
90	15.32	0.64	Sqm
91	17.90	1.00	Sqm
Total	2722.88	203.17	Sqm



LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
92	18.31	1.21	Sqm
93	14.30	1.00	Sqm
94	13.91	0.81	Sqm
95	9.55	0.49	Sqm
96	14.90	1.00	Sqm
97	8.83	0.25	Sqm
98	21.47	1.53	Sqm
99	11.06	0.81	Sqm
100	26.22	1.44	Sqm
101	21.12	1.44	Sqm
102	27.85	1.69	Sqm
103	19.94	1.48	Sqm
104	21.53	1.06	Sqm
105	45.62	2.44	Sqm
106	48.10	1.69	Sqm
107	54.19	1.57	Sqm
108	54.82	4.93	Sqm
109	60.30	2.69	Sqm
110	60.79	3.37	Sqm
111	61.07	3.94	Sqm
112	42.70	1.70	Sqm
113	32.98	1.46	Sqm
114	28.49	1.17	Sqm
115	32.55	2.69	Sqm
116	40.31	2.02	Sqm
117	45.50	3.40	Sqm
118	48.13	3.56	Sqm
119	58.00	5.30	Sqm
120	44.57	2.74	Sqm
121	33.95	1.30	Sqm
122	41.71	1.81	Sqm
123	49.91	2.02	Sqm
124	53.03	2.25	Sqm
125	61.70	3.69	Sqm
126	60.18	3.06	Sqm
127	64.51	4.52	Sqm
128	73.68	5.45	Sqm
129	73.55	5.49	Sqm
130	83.55	7.64	Sqm
131	79.42	6.13	Sqm
132	68.30	5.49	Sqm
133	79.22	5.14	Sqm
134	81.75	7.57	Sqm
135	89.42	10.32	Sqm
136	86.55	12.77	Sqm
137	88.35	10.77	Sqm
138	91.82	17.61	Sqm
139	83.68	9.19	Sqm
140	92.31	15.99	Sqm
141	92.76	12.61	Sqm
Total	2516.33	209.69	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
192	36.64	61.13	Sqm
193	36.64	61.00	Sqm
194	36.64	67.59	Sqm
195	36.64	66.42	Sqm
196	36.64	59.13	Sqm
197	27.18	52.20	Sqm
198	28.92	38.15	Sqm
199	27.90	32.92	Sqm
200	28.84	25.40	Sqm
201	36.64	36.53	Sqm
202	35.10	22.84	Sqm
203	32.10	25.00	Sqm
204	36.12	32.43	Sqm
205	36.64	39.33	Sqm
206	36.64	60.79	Sqm
207	36.64	75.02	Sqm
208	36.64	73.31	Sqm
209	36.64	72.73	Sqm
210	36.64	72.57	Sqm
211	36.64	76.37	Sqm
212	0.00	116.54	Sqm
213	0.00	106.41	Sqm
214	0.00	103.42	Sqm
215	0.00	101.53	Sqm
216	0.00	100.53	Sqm
217	0.00	95.96	Sqm
218	0.00	87.63	Sqm
219	0.00	84.79	Sqm
220	0.00	85.27	Sqm
221	0.00	76.89	Sqm
222	0.00	64.87	Sqm
223	0.00	66.95	Sqm
224	0.00	75.47	Sqm
225	0.00	63.08	Sqm
226	0.00	78.15	Sqm
227	0.00	81.15	Sqm
228	0.00	86.62	Sqm
229	0.00	76.25	Sqm
230	0.00	83.24	Sqm
231	0.00	91.63	Sqm
232	0.00	95.00	Sqm
233	0.00	107.92	Sqm
234	0.00	101.44	Sqm
235	0.00	104.16	Sqm
236	0.00	101.53	Sqm
237	0.00	85.45	Sqm
238	0.00	78.52	Sqm
239	0.00	77.48	Sqm
240	0.00	72.80	Sqm
241	0.00	78.80	Sqm
Total	692.45	3680.23	Sqm

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LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
142	94.00	22.79	Sqm
143	94.00	21.23	Sqm
144	90.60	21.12	Sqm
145	91.97	22.32	Sqm
146	93.36	24.01	Sqm
147	91.35	16.54	Sqm
148	77.28	4.85	Sqm
149	76.08	4.85	Sqm
150	74.71	4.21	Sqm
151	64.96	3.92	Sqm
152	67.06	3.92	Sqm
153	75.35	4.00	Sqm
154	73.66	4.52	Sqm
155	65.71	4.52	Sqm
156	66.46	4.81	Sqm
157	90.63	13.71	Sqm
158	64.73	3.46	Sqm
159	59.50	2.60	Sqm
160	64.48	3.25	Sqm
161	76.05	3.89	Sqm
162	58.17	3.24	Sqm
163	57.46	3.61	Sqm
164	43.88	2.56	Sqm
165	44.22	3.24	Sqm
166	44.19	3.77	Sqm
167	55.39	5.33	Sqm
168	49.75	5.00	Sqm
169	58.00	3.20	Sqm
170	61.09	3.38	Sqm
171	68.28	3.65	Sqm
172	71.02	4.93	Sqm
173	71.26	4.21	Sqm
174	81.79	5.78	Sqm
175	83.30	4.00	Sqm
176	83.63	5.86	Sqm
177	88.93	6.56	Sqm
178	89.87	5.44	Sqm
179	90.02	7.24	Sqm
180	96.27	10.00	Sqm
181	97.35	8.39	Sqm
182	36.64	59.16	Sqm
183	36.64	61.63	Sqm
184	36.64	67.37	Sqm
185	36.64	52.13	Sqm
186	36.64	58.43	Sqm
187	36.64	54.61	Sqm
188	36.64	61.53	Sqm
189	36.64	61.23	Sqm
190	36.64	62.51	Sqm
191	36.64	53.66	Sqm
Total	3312.14	886.12	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
242	0.00	92.85	Sqm
243	0.00	107.59	Sqm
244	0.00	103.82	Sqm
245	0.00	107.44	Sqm
246	0.00	101.17	Sqm
247	0.00	112.03	Sqm
248	0.00	120.96	Sqm
249	0.00	109.10	Sqm
250	0.00	93.38	Sqm
251	0.00	96.52	Sqm
252	0.00	78.23	Sqm
253	0.00	103.19	Sqm
254	0.00	100.18	Sqm
255	0.00	89.39	Sqm
256	0.00	82.36	Sqm
257	0.00	89.79	Sqm
258	0.00	102.04	Sqm
259	0.00	112.68	Sqm
260	0.00	121.53	Sqm
261	0.00	112.05	Sqm
262	0.00	112.59	Sqm
263	0.00	104.57	Sqm
264	0.00	126.65	Sqm
265	0.00	115.23	Sqm
266	0.00	132.60	Sqm
267	0.00	142.28	Sqm
268	0.00	140.58	Sqm
269	0.00	144.91	Sqm
270	0.00	141.79	Sqm
271	0.00	134.98	Sqm
272	0.00	122.67	Sqm
273	0.00	114.05	Sqm
274	0.00	107.54	Sqm
275	0.00	103.24	Sqm
276	0.00	97.90	Sqm
277	0.00	100.85	Sqm
278	0.00	105.76	Sqm
279	0.00	118.49	Sqm
280	0.00	114.03	Sqm
281	0.00	115.32	Sqm
282	0.00	110.12	Sqm
283	0.00	108.62	Sqm
284	0.00	107.45	Sqm
285	0.00	96.48	Sqm
286	0.00	105.48	Sqm
287	0.00	106.06	Sqm
288	0.00	107.18	Sqm
289	0.00	114.85	Sqm
290	0.00	108.99	Sqm
291	0.00	111.79	Sqm
Total	0.00	5509.23	Sqm



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LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
292	0.00	107.32	Sqm
293	0.00	116.00	Sqm
294	0.00	134.60	Sqm
295	0.00	125.57	Sqm
296	0.00	128.02	Sqm
297	0.00	154.63	Sqm
298	0.00	133.78	Sqm
299	0.00	127.98	Sqm
300	0.00	128.53	Sqm
301	0.00	104.69	Sqm
302	0.00	99.54	Sqm
303	0.00	96.00	Sqm
304	0.00	91.27	Sqm
305	0.00	66.20	Sqm
306	0.00	52.91	Sqm
307	0.00	55.31	Sqm
308	0.00	38.11	Sqm
309	0.00	7.58	Sqm
310	0.00	17.82	Sqm
311	0.00	3.55	Sqm
312	0.00	4.38	Sqm
313	0.00	5.80	Sqm
314	0.00	33.60	Sqm
315	0.00	28.60	Sqm
316	0.00	28.60	Sqm
317	0.00	9.85	Sqm
318	0.00	2.83	Sqm
319	0.00	4.76	Sqm
320	0.00	3.50	Sqm
321	0.00	2.38	Sqm
322	0.00	0.00	Sqm
323	0.00	2.38	Sqm
324	0.00	75.47	Sqm
325	0.00	2.38	Sqm
326	0.00	4.46	Sqm
327	0.00	0.00	Sqm
328	0.00	0.00	Sqm
329	0.00	9.72	Sqm
330	0.00	11.00	Sqm
331	0.00	5.00	Sqm
332	0.00	1.40	Sqm
333	0.00	2.35	Sqm
334	0.00	7.28	Sqm
335	0.00	7.92	Sqm
336	0.00	12.12	Sqm
337	0.00	11.90	Sqm
338	0.00	9.95	Sqm
339	0.00	8.90	Sqm
340	0.00	10.87	Sqm
341	0.00	23.67	Sqm
Total	0.00	2118.57	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
342	0.00	47.33	Sqm
343	0.00	45.74	Sqm
344	0.00	37.88	Sqm
345	0.00	24.23	Sqm
346	0.00	31.30	Sqm
347	0.00	11.84	Sqm
348	0.00	6.40	Sqm
349	0.00	4.23	Sqm
350	0.00	4.75	Sqm
351	0.00	7.75	Sqm
352	0.00	0.62	Sqm
353	2.72	2.62	Sqm
354	2.72	1.59	Sqm
355	2.72	0.95	Sqm
356	2.35	0.49	Sqm
357	8.72	2.27	Sqm
358	5.12	2.62	Sqm
359	2.72	2.27	Sqm
360	2.40	0.00	Sqm
361	2.72	2.27	Sqm
362	2.48	0.16	Sqm
363	13.67	3.12	Sqm
364	16.55	1.29	Sqm
365	33.04	11.78	Sqm
366	32.72	24.30	Sqm
367	35.55	29.89	Sqm
368	35.44	38.65	Sqm
369	36.64	37.26	Sqm
370	36.64	55.53	Sqm
371	24.63	51.13	Sqm
372	36.64	73.40	Sqm
373	36.64	70.76	Sqm
374	36.64	51.70	Sqm
375	0.00	79.66	Sqm
376	0.00	81.49	Sqm
377	0.00	81.31	Sqm
378	0.00	74.03	Sqm
379	0.00	71.88	Sqm
380	0.00	73.82	Sqm
381	0.00	67.53	Sqm
382	0.00	71.16	Sqm
383	0.00	108.62	Sqm
384	0.00	53.08	Sqm
385	0.00	50.79	Sqm
386	0.00	61.98	Sqm
387	0.00	45.70	Sqm
388	0.00	47.69	Sqm
389	0.00	114.85	Sqm
390	0.00	48.37	Sqm
391	0.00	50.92	Sqm
Total	409.45	1868.88	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
392	0.00	81.85	Sqm
393	0.00	68.63	Sqm
394	0.00	89.98	Sqm
395	0.00	111.61	Sqm
396	0.00	125.95	Sqm
397	0.00	127.15	Sqm
398	0.00	123.45	Sqm
399	0.00	127.65	Sqm
400	0.00	129.70	Sqm
401	0.00	132.20	Sqm
402	0.00	116.67	Sqm
403	0.00	61.58	Sqm
404	0.00	36.77	Sqm
405	0.00	17.75	Sqm
406	19.45	15.75	Sqm
407	13.43	1.06	Sqm
408	14.18	1.82	Sqm
409	38.80	15.13	Sqm
410	46.00	13.58	Sqm
411	46.00	25.82	Sqm
412	46.00	32.84	Sqm
413	43.45	29.54	Sqm
414	46.00	25.18	Sqm
415	46.00	23.13	Sqm
416	44.48	27.72	Sqm
417	42.82	31.00	Sqm
418	46.00	46.45	Sqm
419	43.60	22.08	Sqm
420	44.80	23.64	Sqm
421	46.00	21.82	Sqm
422	46.00	20.98	Sqm
423	44.80	14.65	Sqm
424	46.00	16.27	Sqm
425	34.00	8.00	Sqm
426	46.00	11.68	Sqm
427	44.85	19.12	Sqm
428	29.47	3.04	Sqm
429	40.00	4.55	Sqm
430	29.75	6.58	Sqm
431	24.38	2.99	Sqm
432	22.63	1.78	Sqm
433	29.47	3.15	Sqm
434	28.50	13.21	Sqm
435	26.90	9.72	Sqm
436	27.82	6.14	Sqm
437	25.70	10.11	Sqm
438	34.10	21.71	Sqm
439	33.50	12.30	Sqm
440	30.98	19.48	Sqm
441	37.87	18.39	Sqm
Total	1309.71	1933.22	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
442	0.00	70.25	Sqm
443	0.00	65.36	Sqm
444	0.00	61.10	Sqm
445	0.00	67.29	Sqm
446	0.00	68.48	Sqm
447	0.00	70.73	Sqm
448	0.00	66.54	Sqm
449	0.00	68.42	Sqm
450	0.00	68.17	Sqm
451	0.00	69.28	Sqm
452	0.00	74.92	Sqm
453	0.00	80.43	Sqm
454	0.00	81.01	Sqm
455	0.00	83.49	Sqm
456	0.00	86.49	Sqm
457	0.00	87.24	Sqm
458	0.00	89.53	Sqm
459	0.00	92.10	Sqm
460	0.00	89.98	Sqm
461	0.00	89.43	Sqm
462	0.00	91.60	Sqm
463	0.00	91.99	Sqm
464	0.00	91.99	Sqm
465	0.00	87.83	Sqm
466	90.06	11.29	Sqm
467	88.26	12.49	Sqm
468	94.00	15.05	Sqm
469	94.00	19.50	Sqm
470	94.00	20.24	Sqm
471	94.00	24.05	Sqm
472	94.00	26.51	Sqm
473	94.00	27.46	Sqm
474	94.00	31.11	Sqm
475	94.00	31.26	Sqm
476	94.00	33.51	Sqm
477	0.00	120.81	Sqm
478	0.00	120.21	Sqm
479	0.00	117.71	Sqm
480	0.00	114.40	Sqm
481	0.00	119.29	Sqm
482	0.00	122.76	Sqm
483	0.00	115.88	Sqm
484	0.00	125.08	Sqm
485	0.00	132.07	Sqm
486	0.00	154.95	Sqm
487	0.00	141.61	Sqm
488	0.00	135.40	Sqm
489	0.00	129.75	Sqm
490	0.00	135.64	Sqm
491	0.00	133.52	Sqm
Total	1024.31	4064.83	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
492	0.00	140.10	Sqm
493	0.00	138.95	Sqm
494	0.00	147.63	Sqm
495	0.00	147.76	Sqm
496	0.00	159.19	Sqm
497	0.00	155.80	Sqm
498	0.00	152.74	Sqm
499	0.00	171.55	Sqm
500	0.00	123.40	Sqm
501	107.99	22.43	Sqm
502	62.95	4.10	Sqm
503	58.11	2.81	Sqm
504	46.45	1.69	Sqm
505	40.34	1.48	Sqm
506	50.55	0.89	Sqm
507	41.96	0.52	Sqm
508	41.76	1.01	Sqm
509	49.19	2.08	Sqm
510	47.65	1.70	Sqm
511	36.95	1.00	Sqm
512	44.47	1.64	Sqm
513	46.80	0.89	Sqm
514	49.23	1.85	Sqm
515	46.42	1.93	Sqm
516	50.18	2.56	Sqm
517	50.28	3.05	Sqm
518	45.45	0.90	Sqm
519	48.83	2.25	Sqm
520	56.74	2.77	Sqm
521	36.46	1.21	Sqm
522	37.67	1.53	Sqm
523	47.17	1.34	Sqm
524	42.06	2.21	Sqm
525	44.05	2.29	Sqm
526	57.60	3.60	Sqm
527	46.18	3.25	Sqm
528	44.97	3.24	Sqm
529	41.20	1.70	Sqm
530	55.82	4.84	Sqm
531	44.13	4.25	Sqm
532	47.25	5.09	Sqm
533	56.14	4.57	Sqm
534	45.80	3.70	Sqm
535	46.15	2.89	Sqm
536	57.68	3.46	Sqm
537	51.14	2.98	Sqm
538	64.27	4.93	Sqm
539	69.66	5.21	Sqm
540	61.00	5.30	Sqm
541	55.94	1.78	Sqm
Total	2074.54	1464.62	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
542	63.50	3.69	Sqm
543	89.62	8.53	Sqm
544	92.08	6.85	Sqm
545	94.49	8.08	Sqm
546	91.82	4.24	Sqm
547	82.25	6.10	Sqm
548	82.41	5.21	Sqm
549	81.44	6.28	Sqm
550	81.18	6.05	Sqm
551	82.54	6.98	Sqm
552	77.20	8.32	Sqm
553	85.13	16.84	Sqm
554	78.73	10.03	Sqm
555	82.59	15.95	Sqm
556	83.93	12.81	Sqm
557	81.39	13.32	Sqm
558	82.59	14.05	Sqm
559	86.65	15.08	Sqm
560	80.48	14.44	Sqm
561	69.31	6.80	Sqm
562	60.17	3.33	Sqm
563	65.41	6.80	Sqm
564	58.25	4.32	Sqm
565	62.16	4.92	Sqm
566	68.35	5.05	Sqm
567	67.14	5.88	Sqm
568	64.43	6.17	Sqm
569	59.72	5.14	Sqm
570	45.35	3.69	Sqm
571	59.65	5.61	Sqm
572	52.39	4.28	Sqm
573	57.91	4.21	Sqm
574	55.97	5.14	Sqm
575	86.63	6.46	Sqm
576	80.04	3.97	Sqm
577	64.42	4.33	Sqm
578	64.67	3.94	Sqm
579	48.98	4.05	Sqm
580	83.95	10.78	Sqm
581	79.18	7.16	Sqm
582	79.13	6.17	Sqm
583	84.99	14.65	Sqm
584	89.11	14.17	Sqm
585	87.91	14.80	Sqm
586	88.36	13.24	Sqm
587	89.11	15.90	Sqm
588	89.11	18.45	Sqm
589	89.11	18.82	Sqm
590	89.11	16.32	Sqm
591	89.11	15.27	Sqm
Total	3769.05	441.60	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
592	95.90	7.30	Sqm
593	101.76	8.82	Sqm
594	103.80	9.29	Sqm
595	100.13	10.66	Sqm
596	92.82	10.13	Sqm
597	104.89	9.68	Sqm
598	109.95	11.09	Sqm
599	104.17	11.54	Sqm
600	109.44	10.37	Sqm
601	104.56	12.01	Sqm
602	109.08	10.25	Sqm
603	114.10	12.50	Sqm
604	122.87	13.54	Sqm
605	127.89	15.17	Sqm
606	124.93	14.05	Sqm
607	127.29	15.17	Sqm
608	128.73	14.76	Sqm
609	135.84	16.37	Sqm
610	135.63	16.25	Sqm
611	133.83	16.25	Sqm
612	134.34	15.17	Sqm
613	130.21	12.02	Sqm
614	121.39	14.17	Sqm
615	115.23	14.76	Sqm
616	106.72	11.54	Sqm
617	107.47	11.54	Sqm
618	103.28	11.05	Sqm
619	113.32	11.54	Sqm
620	103.74	10.17	Sqm
621	101.38	11.05	Sqm
622	103.03	9.25	Sqm
623	100.73	10.66	Sqm
624	105.34	12.68	Sqm
625	108.28	12.25	Sqm
626	114.00	11.70	Sqm
627	116.21	12.82	Sqm
628	116.17	11.84	Sqm
629	116.24	12.58	Sqm
630	117.52	12.13	Sqm
631	116.89	11.17	Sqm
632	121.69	11.17	Sqm
633	121.15	11.29	Sqm
634	123.76	13.52	Sqm
635	123.76	13.52	Sqm
636	123.76	13.52	Sqm
637	121.07	13.54	Sqm
638	118.67	13.54	Sqm
639	119.23	14.66	Sqm
640	116.43	14.76	Sqm
641	112.36	12.01	Sqm
642	115.88	13.05	Sqm
643	114.11	12.52	Sqm
644	115.91	12.52	Sqm
645	116.99	12.58	Sqm
646	115.28	13.05	Sqm
647	111.44	12.58	Sqm
648	115.57	12.13	Sqm
649	115.02	13.13	Sqm
650	118.40	13.60	Sqm
651	118.15	13.70	Sqm
652	119.03	13.05	Sqm
653	116.62	11.54	Sqm
654	112.80	11.09	Sqm
655	115.62	11.54	Sqm
656	113.75	12.50	Sqm
657	113.92	11.54	Sqm
658	115.87	11.54	Sqm
659	114.49	11.17	Sqm
660	116.36	12.82	Sqm
Total	5750.86	616.82	Sqm

LINE NO.	AREA FOR SOFT	AREA FOR HARD	Unit
661	111.82	11.84	Sqm
662	113.77	11.84	Sqm
663	111.15	11.70	Sqm
664	116.21	12.82	Sqm
665	114.26	12.82	Sqm
666	109.41	12.41	Sqm
667	118.50	14.09	Sqm
668	115.21	12.01	Sqm
669	115.13	13.05	Sqm
670	111.60	11.70	Sqm
671	116.68	12.25	Sqm
672	114.28	12.25	Sqm
673	118.91	12.82	Sqm
674	118.31	13.41	Sqm
675	115.53	13.25	Sqm
676	110.25	11.70	Sqm
677	114.78	13.25	Sqm
678	107.80	11.29	Sqm
679	110.71	12.02	Sqm
680	106.62	10.73	Sqm
681	100.38	9.65	Sqm
682	103.82	13.54	Sqm
683	0.00	8.72	Sqm
684	78.76	9.01	Sqm
685	76.46	8.01	Sqm
686	73.12	8.73	Sqm
687	68.88	6.66	Sqm
688	68.83	6.25	Sqm
689	46.63	5.05	Sqm
690	43.73	4.05	Sqm
691	33.95	4.00	Sqm
692	23.64	3.77	Sqm
693	20.07	3.53	Sqm
694	20.11	4.21	Sqm
695	21.58	3.25	Sqm
Total	2164.26	236.52	Sqm
G. Total	27840.86	23353.18	Sqm



IWAI



VOLUME CALCULATION BY TRAPEZOIDAL RULE [V=10/2*((A1+An)+2(A2+A3+A4+A5....))]

Line No	Dredging Quantity (in Cu.M)	Remarks
0 to 669 (for SOFT)	278281.525	
Total Dredged Quantity for the chainage 1249.60 Km to 1242.00 Km (in Cu. m) : (for SOFT)	278282 Cum	10/2*[(First Area + Last Area)+2*(sum of other areas)]
0 to 669 (for HARD)	233514.65	
Total Dredged Quantity for the chainage 1249.60 Km to 1242.00 Km (in Cu. m) : (for HARD)	233515 Cum	10/2*[(First Area + Last Area)+2*(sum of other areas)]

APPENDIX 'A'

GEOTECHNICAL INVESTIGATION FOR HARD STRATA AT IDENTIFIED SHALLOW PATCHES BETWEEN GHAZIPUR- VARANASI STRETCH ON NW-1 (RIVER GANGA)



Image 1. Bore Hole Location at Gopalpur (B1 to B23)

GEOTECHNICAL INVESTIGATION FOR HARD STRATA AT IDENTIFIED SHALLOW PATCHES BETWEEN GHAZIPUR- VARANASI STRETCH ON NW-1 (RIVER GANGA)



Image 2. Bore Hole Location at Gopalpur (B24 to B40)

GEOTECHNICAL INVESTIGATION FOR HARD STRATA AT IDENTIFIED SHALLOW PATCHES BETWEEN GHAZIPUR- VARANASI STRETCH ON NW-1 (RIVER GANGA)



Image 3. Bore Hole Location at Gopalpur (B41 to B53)

GEOTECHNICAL INVESTIGATION FOR HARD STRATA AT IDENTIFIED SHALLOW PATCHES BETWEEN GHAZIPUR- VARANASI STRETCH ON NW-1 (RIVER GANGA)



Image 4. Bore Hole Location at Ghazipur (B54 to B57)

APPENDIX 'B'

APPENDIX 'C'



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 1			
COORDINATES:	25 31 17.4055 N	Bore Depth(m):	4.0	Date:	07.12.19			
	083 10 50.2886 E	Water Depth(m):	3.50					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified soft rock				R	1.00		
1.00								
1.50								
2.00								
2.50								
3.00	Calclified hard rock				R	3.00		
3.50								
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 2			
COORDINATES:	25 31 20.0698 N	Bore Depth(m):	4.0	Date:	05.12.19			
	083 10 49.4328 E	Water Depth(m):	3.30					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified soft rock				R	1.00		
1.00								
1.50								
2.00								
2.50								
3.00	Calclified hard rock				R	3.00		
3.50								
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 3			
COORDINATES:	25 31 22.3944 N	Bore Depth(m):	4.0	Date:	07.12.19			
	083 10 52.2398 E	Water Depth(m):	3.25					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
				Total				
0.50	Calclified soft rock			31	DS	1.00		
1.00			SPT		1			
1.50			UDS		1			
2.00								
2.50	Calclified hard rock			R	CORE	3.00		
3.00			SPT		2			
3.50								
4.00			CORE					



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 4			
COORDINATES:	25 31 25.9459 N	Bore Depth(m):	4.0	Date:	04.12.19			
	083 10 52.6582 E	Water Depth(m):	3.0					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
				Total				
0.50	Calclified soft rock			30	DS	1.00		
1.00			SPT		1			
1.50			UDS		1			
2.00								
2.50	Calclified hard rock			R	CORE	3.00		
3.00			SPT		2			
3.50								
4.00			CORE					



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 5					
COORDINATES:	25 31 29.6068 N	Bore Depth(m):	4.0	Date:	08.12.19					
	083 10 57.2517 E	Water Depth(m):	2.5							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
0.50	Calclified hard rock									
1.00			R	DS	1	1.00				
1.50			SPT	1						
2.00			UDS	1						
2.50										
3.00			R	CORE	2	3.00				
3.50			SPT							
4.00			CORE							



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 6					
COORDINATES:	25 31 44.0000 N	Bore Depth(m):	4.0	Date:	09.12.19					
	083 11 7.5626 E	Water Depth(m):	2.65							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
0.50	Calclified hard rock									
1.00			R	DS	1	1.00				
1.50			SPT	1						
2.00			UDS	1						
2.50										
3.00			R	CORE	2	3.00				
3.50			SPT							
4.00			CORE							



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 7					
COORDINATES:	25 31 53.8356 N	Bore Depth(m):	4.0	Date:	10.12.19					
	083 11 13.2586 E	Water Depth(m):	2.10							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
0.50	Calclified hard rock									
1.00			R	DS	1	1.00				
1.50			SPT	1						
2.00			UDS	1						
2.50										
3.00			R	CORE	2	3.00				
3.50			SPT							
4.00			CORE							



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 8					
COORDINATES:	25 31 58.4507 N	Bore Depth(m):	4.0	Date:	11.12.19					
	083 11 19.9863 E	Water Depth(m):	2.70							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
0.50	Calclified hard rock									
1.00			R	DS	1	1.00				
1.50			SPT	1						
2.00			UDS	1						
2.50										
3.00			R	CORE	2	3.00				
3.50			SPT							
4.00			CORE							



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 9				
COORDINATES:	25 32 03.2619 N	Bore Depth(m):	4.5	Date:	11.12.19				
	083 11 21.1559 E	Water Depth(m):	4.10						
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified hard rock								
1.00			R	DS	1	1.00			
1.50				SPT					
2.00				UDS	1				
2.50									
3.00			R	CORE	2	3.00			
3.50				SPT					
4.00				CORE					



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 10				
COORDINATES:	25 32 04.2302 N	Bore Depth(m):	4.0	Date:	12.12.19				
	083 11 24.9178 E	Water Depth(m):	4.00						
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified hard rock								
1.00			R	DS	1	1.00			
1.50				SPT					
2.00				UDS	1				
2.50									
3.00			R	CORE	2	3.00			
3.50				SPT					
4.00				CORE					



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 11					
COORDINATES:	25 32 04.6831 N	Bore Depth(m):	4.0	Date:	18.12.19					
	83 12 16.1632 E	Water Depth(m):	3.80							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Calclified hard rock					DS	1.00			
1.00			R			SPT				1
1.50						UDS	1			
2.00										
2.50										
3.00			R			CORE	2			3.00
3.50						SPT				
4.00						CORE				



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 12					
COORDINATES:	25 32 02. 9657N	Bore Depth(m):	4.5	Date:	19.12.19					
	083 12 25.6084 E	Water Depth(m):	4.10							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Calclified hard rock					DS	1.00			
1.00			R			SPT				1
1.50						UDS	1			
2.00										
2.50										
3.00			R			CORE	2			3.00
3.50						SPT				
4.00						CORE				



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 13			
COORDINATES:	25 32 5.3079 N	Bore Depth(m):	4.0	Date:	20.12.19			
	083 12 30.0643 E	Water Depth(m):	3.70					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified hard rock		R	DS	SPT	1	1.00	
1.00					UDS	1		
1.50			R	CORE	SPT	2	3.00	
2.00					CORE			
2.50								
3.00								
3.50								
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 14			
COORDINATES:	25 32 2.4238 N	Bore Depth(m):	4.5	Date:	21.12.19			
	083 12 30.0643 E	Water Depth(m):	4.20					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified hard rock		R	DS	SPT	1	1.00	
1.00					UDS	1		
1.50			R	CORE	SPT	2	3.00	
2.00					CORE			
2.50								
3.00								
3.50								
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 15			
COORDINATES:	25 32 0.8106 N	Bore Depth(m):	5.0	Date:	22.12.19			
	083 12 47.5892 E	Water Depth(m):	4.80					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified soft rock				R	0.50		
1.00						DS		
1.50						UDS 1		
2.50						CORE		
3.00						SPT 1		
3.50						CORE		
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 16			
COORDINATES:	25 31 53.2219 N	Bore Depth(m):	4.0	Date:	23.12.19			
	083 13 24.1922 E	Water Depth(m):	3.60					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified soft rock				R	0.50		
1.00						DS		
1.50						UDS 1		
2.50						CORE		
3.00						SPT 1		
3.50						CORE		
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 17			
COORDINATES:	25 31 51.4052 N	Bore Depth(m):	4.5	Date:	23.12.19			
	083 13 31.0322 E	Water Depth(m):	4.20					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified soft rock				R	0.50		
1.00						DS		
1.50						UDS 1		
2.50						CORE		
3.00						SPT 1		
3.50						CORE		
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 18			
COORDINATES:	25 31 51.9362 N	Bore Depth(m):	4.0	Date:	24.12.19			
	083 13 35.108 E	Water Depth(m):	3.80					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified soft rock				R	0.50		
1.00						DS		
1.50						UDS 1		
2.50						CORE		
3.00						SPT 1		
3.50						CORE		
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 19				
COORDINATES:	25 31 39.8069 N	Bore Depth(m):	5.0	Date:	24.12.19				
	083 14 10.2187 E	Water Depth(m):	4.90						
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks	
				Total					
0.50	Calclified soft rock					DS	0.50		
1.00								1.00	
1.50							UDS 1	1.50	
2.00									
2.50							CORE	2.50	
3.00							SPT 1	3.00	
3.50							CORE	3.50	
4.00									



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 20				
COORDINATES:	25 31 33.0971 N	Bore Depth(m):	4.0	Date:	25.12.19				
	083 14 21.5585 E	Water Depth(m):	3.70						
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks	
				Total					
0.50	Calclified soft rock					DS	0.50		
1.00								1.00	
1.50							UDS 1	1.50	
2.00									
2.50							CORE	2.50	
3.00							SPT 1	3.00	
3.50							CORE	3.50	
4.00									



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 21			
COORDINATES:	25 31.31.4477 N	Bore Depth(m):	4.0	Date:	25.12.19			
	083 14 26.5369 E	Water Depth(m):	3.60					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified soft rock				R	0.50		
1.00						DS		
1.50						UDS 1		
2.50						CORE		
3.00						SPT 1		
3.50						CORE		
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 22			
COORDINATES:	25 31 29.6943 N	Bore Depth(m):	4.0	Date:	25.12.19			
	083 14 31.9629 E	Water Depth(m):	3.90					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Calclified soft rock				R	0.50		
1.00						DS		
1.50						UDS 1		
2.50						CORE		
3.00						SPT 1		
3.50						CORE		
4.00								



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 23					
COORDINATES:	25 31 25.3946 N	Bore Depth(m):	4.0	Date:	26.12.19					
	083 14 37.5127 E	Water Depth(m):	3.90							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
0.50	Calclified soft rock					DS	0.50			
1.00						UDS	1	1.00		
1.50								1.50		
2.00								2.50		
2.50						R		3.00		
3.00							SPT	1	3.00	
3.50							CORE		3.50	
4.00							CORE			



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 24				
COORDINATES:	25 31 11.9041 N	Bore Depth(m):	4.0	Date:	26.12.19				
	083 15 17.3092 E	Water Depth(m):	6.80						
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Medium fine sand with gravel (SM)					DS	0.50		
1.00						UDS	1	1.00	
1.50						1.50			
2.00	Calclified soft rock						2.50		
2.50						R		3.00	
3.00							SPT	1	3.00
3.50							CORE		3.50
4.00							CORE		



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 25			
COORDINATES:	25 31 0.5696 N	Bore Depth(m):	4.0	Date:	26.12.19			
	083 15 41.1378 E	Water Depth(m):	7.30					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Medium fine sand with gravel (SM)					0.50		
1.00						DS		
1.50	Calclified soft rock				R	1.50		
2.00						UDS 1		
2.50						2.50		
3.00						CORE		
3.50						SPT 1		
4.00						3.50		
						CORE		



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 26			
COORDINATES:	25 30 57.2 N	Bore Depth(m):	4.0	Date:	27.12.19			
	083 15 47.9076 E	Water Depth(m):	5.50					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Medium fine sand with gravel (SM)					0.50		
1.00						DS		
1.50	Calclified soft rock				R	1.50		
2.00						UDS 1		
2.50						2.50		
3.00						CORE		
3.50						SPT 1		
4.00						3.50		
						CORE		



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 27			
COORDINATES:	25 30 56.8055 N	Bore Depth(m):	4.0	Date:	27.12.19			
	083 15 54.607 E	Water Depth(m):	5.40					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Medium fine sand with gravel (SM)					0.50		
1.00						DS		
1.50						UDS 1		
2.50						CORE		
3.00	Calcifed soft rock				R	3.00		
3.50						SPT 1		
4.00						3.50		



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 28			
COORDINATES:	25 30 56.8894 N	Bore Depth(m):	4.0	Date:	27.12.19			
	083 15 58.5899 E	Water Depth(m):	5.30					
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks
0.50	Medium fine sand with gravel (SM)					0.50		
1.00						DS		
1.50						UDS 1		
2.50						CORE		
3.00	Calcifed soft rock				R	3.00		
3.50						SPT 1		
4.00						3.50		



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling	Borehole No.:	B 29				
COORDINATES:	25 30 48.4424 N	Bore Depth(m):	4.0	Date:	28.12.19				
	083 16 8.5847 E	Water Depth(m):	5.30						
Depth (m)	Soil Description	Symbol	SPT "N" Value		Sample Ref. No.	Depth (m)	Time	Remarks	
0.50	Medium fine sand with gravel (SM)					DS	0.50		
1.00							1.00		
1.50							UDS 1		1.50
2.00									
2.50							CORE		2.50
3.00	Calclified soft rock					SPT 1	3.00		
3.50							3.50		
4.00						R			



THE DESIGNERS' CONSORTIUM



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling			Borehole No.:	B 32			
COORDINATES:	25 30 42.7088 N	Bore Depth(m):	4.00			Date:	29.12.19			
	083 16 21.8366 E	Water Depth(m):	4.20							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
										Total
0.50	Medium fine sand with gravel (SM)						0.50			
1.00						DS	1.00			
1.50						UDS	1	1.50		
2.50	Calclified soft rock						2.50			
3.00						R	3.00			
3.50						SPT	1	3.50		
4.00						CORE				



THE DESIGNERS' CONSORTIUM



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling			Borehole No.:	B 33			
COORDINATES:	25 30 38.406 N	Bore Depth(m):	4.00			Date:	29.12.19			
	083 16 27.9659 E	Water Depth(m):	4.30							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
										Total
0.50	Medium fine sand with gravel (SM)						0.50			
1.00						DS	1	1.00		
1.50						UDS	1	1.50		
2.50	Calclified soft rock						2.50			
3.00						R	3.00			
3.50						SPT	1	3.50		
4.00						CORE				



THE DESIGNERS' CONSORTIUM



PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 34				
COORDINATES:	25 30 34.3555 N	Bore Depth(m):	4.00		Date:	29.12.19				
	083 16 35.1412 E	Water Depth(m):	3.6							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Medium fine sand with gravel (SM)					DS	0.50			
1.00						UDS	1			1.00
1.50										1.50
2.00										
2.50	Calcified soft rock				R	CORE	2.50			
3.00						SPT	1			3.00
3.50						CORE				3.50
4.00										



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PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 35				
COORDINATES:	25 30 25.5006 N	Bore Depth(m):	4.00		Date:	30.12.19				
	083 16 45.8002 E	Water Depth(m):	4.20							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Medium fine sand with gravel (SM)					DS	0.50			
1.00						UDS	1			1.00
1.50										1.50
2.00										
2.50	Calcified soft rock				R	CORE	2.50			
3.00						SPT	1			3.00
3.50						CORE				3.50
4.00										



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PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 40				
COORDINATES:	25 30 6.8824 N	Bore Depth(m):	4.00		Date:	2.01.20				
	083 17 23.7212 E	Water Depth(m):	3.65							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Calclified soft rock				R	DS				
1.00						UDS				1
1.50										
2.50						CORE				
3.00						SPT				1
3.50						CORE				
4.00										



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PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 41				
COORDINATES:	25 29 58.4119 N	Bore Depth(m):	4.00		Date:	3.01.20				
	083 17 24.5562 E	Water Depth(m):	4.20							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Calclified soft rock				R	DS				
1.00						UDS				1
1.50										
2.50						CORE				
3.00						SPT				1
3.50						CORE				
4.00										



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PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 42						
COORDINATES:	25 29 56.4107 N	Bore Depth(m):	4.00		Date:	4.01.20						
	083 17 26.5863 E	Water Depth(m):	7.50									
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks			
0.50	Medium fine sand with gravel (SM)					DS	0.50					
1.00							1.00					
1.50	Calclified soft rock				R	UDS	1.50					
2.00						CORE	1			2.50		
2.50										3.00		
3.00										SPT	CORE	3.50
3.50										3.50		
4.00												



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PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 43				
COORDINATES:	25 29 53.2173 N	Bore Depth(m):	4.00		Date:	5.01.20				
	083 17 32.2447 E	Water Depth(m):	4.35							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
0.50	Calclified soft rock				R	DS	0.50			
1.00						1.00				
1.50						UDS	1.50			
2.00						CORE	1			2.50
2.50										3.00
3.00										SPT
3.50	3.50									
4.00										



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PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 44			
COORDINATES:	25 29 47.2785 N	Bore Depth(m):	4.00		Date:	10.01.20			
	083 17 35.6552 E	Water Depth(m):	6.10						
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks
0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00	Calcified soft rock					R	0.50 1.00 1.50 2.50 3.00 3.50		
						DS UDS 1 CORE SPT 1 CORE			



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PROJECT: Geotechnical Investigation (Bore-Hole testing) of Hard Strata at identified shallow patches between Ghazipur - Varanasi stretch on National Waterway -1 (River Ganga) to assess Hard Strata

Client: Inland Waterways Authority of India

Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 45			
COORDINATES:	25 29 46.5816 N	Bore Depth(m):	4.00		Date:	09.01.20			
	083 17 41.6928 E	Water Depth(m):	3.35						
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks
0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00	Medium fine sand with gravel (SM) Calcified soft rock	 				R	0.50 1.00 1.50 2.50 3.00 3.50		
						DS UDS 1 CORE SPT 1 CORE			



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Contractor: The Designers Consortium

FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 46				
COORDINATES:	25 29 36.1227 N	Bore Depth(m):	4.00		Date:	7.01.20				
	083 17 52.106 E	Water Depth(m):	3.90							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Calcified soft rock				R	DS				
1.00						UDS				1
1.50										
2.00										
2.50						CORE				
3.00						SPT				1
3.50						CORE				
4.00										



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FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 47				
COORDINATES:	25 29 37.3703 N	Bore Depth(m):	4.00		Date:	10.01.20				
	083 17 55.316 E	Water Depth(m):	5.50							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Medium fine sand with gravel (SM)					DS				
1.00						DS				1
1.50										
2.00										
2.50	Calcified soft rock				R	CORE				
3.00						SPT				1
3.50						CORE				
4.00										



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FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 48				
COORDINATES:	25 29 34.6213 N	Bore Depth(m):	4.00		Date:	02.01.20				
	083 17 57.8226 E	Water Depth(m):	4.40							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Calclified soft rock				R	DS	0.50			
1.00						UDS 1				1.00
1.50										1.50
2.00										
2.50						CORE				2.50
3.00						SPT 1				3.00
3.50										
4.00						CORE	3.50			



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FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 49				
COORDINATES:	25 29 24.836 N	Bore Depth(m):	4.00		Date:	09.01.20				
	083 18 13.4164 E	Water Depth(m):	7.50							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
					Total					
0.50	Medium fine sand with gravel (SM)				R	DS	0.50			
1.00						DS 1				1.00
1.50										1.50
2.00										
2.50						DS	2.50			
3.00						SPT 1	3.00			
3.50						CORE	3.50			
4.00	Calclified soft rock									



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FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 52				
COORDINATES:	25 28 58.0115 N	Bore Depth(m):	4.00		Date:	11.01.20				
	083 18 10.3362 E	Water Depth(m):	2.30							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00	Medium fine sand with gravel (SM)						0.50			
							DS	1	1.00	
							DS	1	1.50	
							DS	1	2.50	
							SPT	1	3.00	
					DS		3.50			



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FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 53				
COORDINATES:	25 28 56.1601 N	Bore Depth(m):	4.00		Date:	12.01.20				
	083 18 22.6094 E	Water Depth(m):	0.70							
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks	
0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00	Medium fine sand with gravel (SM)						0.50			
							DS	1	1.00	
							DS	1	1.50	
							DS	1	2.50	
							SPT	1	3.00	
					DS		3.50			



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FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 54			
COORDINATES:	25 34 54.4058 N	Bore Depth(m):	4.00		Date:	16.01.20			
	083 35 45.888 E	Water Depth(m):	3.90						
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks
					Total				
0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00	Calcified soft rock					DS UDS 1 CORE SPT 1 CORE	0.50 1.00 1.50 2.50 3.00 3.50		



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FIELD BORELOG DATA

LOCATION:		Type of boring:	Rotary Drilling		Borehole No.:	B 55			
COORDINATES:	25 34 56.6466 N	Bore Depth(m):	4.00		Date:	15.01.20			
	083 35 49.8592 E	Water Depth(m):	3.90						
Depth (m)	Soil Description	Symbol	SPT "N" Value			Sample Ref. No.	Depth (m)	Time	Remarks
					Total				
0.50 1.00 1.50 2.00 2.50 3.00 3.50 4.00	Calcified soft rock Calcified hard rock	 				DS UDS 1 CORE SPT 1 CORE	0.50 1.00 1.50 2.50 3.00 3.50		

APPENDIX 'D'



Figure 1: Drilling machine mounted on two boats



Figure 2: Drilling in progress



Figure 3: Wax sealed undisturbed samples



Figure 4: Core box samples