

30	dGL		IRIAL PII	HECC	עאי					24	665	
CON	TRACT	Monaghan Active Travel						TRIAL P	T NO.	TP()3 et 1 of 1	
LOG	GED BY	I.Reder	CO-ORDINAT		833,7	51.08 E 66.18 N		DATE ST		27/0	4/2023 4/2023	
CLIE ENG	NT	Monaghan Co.Co. DBFL/Cora	GROUND LE	VEL (m)	72.15			EXCAVA METHOD		3T T mac	racked hine	
									Sample	5	ba)	meter
		Geotechnical Descrip	tion	Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Туре	Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0	content.	own, sandy slighlty gravelly CL. Sand is fine to coarse, gravel ular to subrounded, cobbles ar	is fine to coarse		0.20	71.95						
1.0	silty CL/	stiff, greyish brown, slightly sar AY with high cobbles and bould coarse, gravel is fine to coars ided, cobbles and boulders are	ders content. Sand		0.80	71.35		AA200179	В	0.60		
	TP term End of T	inated at 1.7m due to many bo Frial Pit at 1.70m	ulders	0 7	1.70	70.45		AA200180	В	1.50		
2.0												
3.0												
4.0												
Grou ΓΡ di		Conditions		<u></u>								<u> </u>
	•											
Stabi TP st								×4.41.4.			***************************************	
	ral Remar one for civ	rks vic offices project								TO THE STATE OF STATE AND ADDRESS.	<u> </u>	



J.	ار باندن	•	TRIAL PIT I	RECO	RD					24	665	
CON	TRACT	Monaghan Active Travel						TRIAL P	IT NO.	TPO)4 et 1 of 1	
LOG	GED BY	l.Reder	CO-ORDINAT		833,7	81.57 E 81.44 N		DATE S'		ED 28/04/2023		
CLIE ENGI	NT NEER	Monaghan Co.Co. DBFL/Cora	GROUND LEV	/EL (m)	73.74			EXCAVA METHO		3T T mac	racked hine	
									Sample	s	(a)	neter
		Geotechnical Description		Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Type	Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
1.0	cobbles gravel is cobbles (POSSII Firm to s CLAY w	own, slightly sandy very gravelly CL and boulders content. Sand is fine in fine to coarse subangular to subro and boulders are subangular to an BLE FILL) stiff, greyish brown, sandy gravelly s ith high cobbles and boulders conte oarse, gravel is fine to coarse suba ded, cobbles and boulders are sub	to coarse, nunded, gular. slightly silty ent. Sand is		0.10	73.64		AA200184	В	0.50		
2.0	TP termi	inated at 1.8m due to many boulde rial Pit at 1.80m	rs		1.80	71,94		AA200185	В	1.30		
3.0												
~4.0												
Grou	ndwater (Conditions										
TP dr												
Stabi TP st	lity able						***************************************					
	ral Remar	rks vic offices project							·····			
11" U(one for CIV	ne omess project										



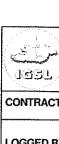
](TRIAL PIT	RECO	RD				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	24	665	
CON	TRACT	Monaghan Active Travel		······································				TRIAL P	IT NO.	TP()5 et 1 of 1	
LOG	GED BY	I.Reder	CO-ORDINA		833,7	07.95 E 82.70 N		DATE S		28/0	4/2023 4/2023	
CLIE	NT NEER	Monaghan Co.Co. DBFL/Cora	GROUND LE	VEL (m)	69.54	,		EXCAVA METHOI		3T T mac	racked hine	
									Sample	s	(g)	neter
		Geotechnical Description	1	Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Туре	Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0	TOPSO Soft, bro	own, slightly sandy slightly gravell	y CLAY. Sand is	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.20	69.34						
	fine to consult subroun Firm to some silty CLA Sand is	oarse, gravel is fine to coarse sub ided. stiff, brownish grey, slightly sandy AY with high cobbles and low bou fine to coarse, gravel is fine to co	gravelly slightly Iders content. arse subangular		0.50	69.04		AA200182	: В	0.70		
1.0	to subro subroun	nunded, cobbles and boulders are ded.	subangular to	X X Y X Y				AA200183	В	1.70		
2.0	TP termi End of T	inated at 2.1m due to many bould rial Pit at 2.10m	lers	NA.	2.10	67.44			_			
3.0												
4.0												
Grou	ndwatar (Conditions										
TP dr		onations.										
Stabi TP st	lity able											
Gene	ral Remar	rks vic offices project				***************************************						



REPORT NUMBER

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J.	75L									·	000	
CON	TRACT	Monaghan Active Travel						TRIAL P	IT NO.	TP(06 et 1 of 1	
LOG	GED BY	I.Reder	CO-ORDINA		833,8	74.33 E 10.79 N		DATE S		28/0	14/2023 14/2023	***************************************
CLIE	NT NEER	Monaghan Co.Co. DBFL/Cora	GROUND LE	VEL (m)	74.34	4 1		EXCAVA METHOI	ATION D		racked hine	
		Geotechnical Descrip	tion				Ke Ke		Samples	G	(KPa)	etrometer
				Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Туре	Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0	cobbles coarse s	own, slightly sandy slightly gra- content. Sand is fine to coarse subangular to subrounded, cob ular to subrounded.	e, gravel is fine to		0.25	74.09						
1.0	Firm to s silty CLA	stiff, greyish brown, slightly sar AY with high cobbles and bould coarse, gravel is fine to coars ded, cobbles and boulders are	ders content. Sand		0.80	73.54	(Seepage)	AA200186	В	0.70		
	TP termi End of T	inated at 1.5m due to many bo rial Pit at 1.50m	ulders	2 2-3	1.50	72.84		AA200187	В	1.40		
2.0				4444614				and the second s				
3.0												
4.0												
Action												
	ndwater C age flow a	Conditions at 1.0m										
Stabil P sta												
	al Remar ne for civ	ks ic offices project										164704



REPORT NUMBER

) (K	SSL								***************************************	24	665	
CON	TRACT	Monaghan Active Travel	CO-ORDINAT	'FS	667.4	58.22 E		TRIAL PI			et 1 of 1	
LOG	GED BY	i.Reder			833,8	33.25 N		DATE ST			4/2023 4/2023	
CLIE ENGI	NT NEER	Monaghan Co.Co. DBFL/Cora	GROUND LE	VEL (m)	75.79			EXCAVA METHOD		3T T mac	racked hine	
									Samples		'a)	neter
		Geotechnical Description		Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Туре	Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0	TOPSOI	lL wn, slightly sandy slighlty gravelly	CL AV sadith	<u> </u>	0.25	75.54						
	some ha	tir roots. Sand is fine to coarse, graubangular to subrounded. rm, greyish brown, very sandy gra	avel is fine to		0.60	75.19		AA200188	В	0.50		
1.0	medium fine to co	cobbles content. Sand is fine to co parse subangular to subrounded, of bangular to angular. (Possible ver	oarse, gravel is cobbles are									
	Firm to s	stiff, brown, slightly sandy gravelly and low boulders content. Sand is	CLAY with high fine to coarse.		1.50	74.29		AA200189	В	1.30		
	gravel is	fine to coarse subangular to subrand boulders are subangular to ar	ounded.		1.90	73.89		AA200190	В	1.80		
3.0												
4.0												
Grou i TP dr		Conditions										
Stabil TP sta			THE PARTY OF THE P								NO.3004.3	
Gene TP do	ral Remar one for civ	ks ic offices project	***************************************									
					***************************************				***************************************			



JOSL	Т	RIAL PIT I	RECO	RD					24	665	
CONTRACT	Monaghan Active Travel					***	TRIAL P	IT NO.	TPC		
LOGGED BY	I.Reder	CO-ORDINATI		833,8	26.80 E 58.25 N		DATE ST		28/0	et 1 of 1 4/2023 4/2023	
CLIENT ENGINEER	Monaghan Co.Co. DBFL/Cora	GROUND LEV	/EL (m)	79.90			EXCAVA METHO		3T Tracked machine		
			:					Sample	s)a)	meter
	Geotechnical Description		Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Туре	Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 TOPSOI			7. 3.7. 3 3.7. 3.7.	0.25	79.65						
k gravel is	rm, brown, slightly sandy gravelly Cl and hair roots content. Sand is fine fine to coarse subangular to subrou	ınded. /	(1) - - -	0.50	79.40		7				
Firm to s with high	are small subangular to subrounded stiff, greyish brown, slightly sandy gra n cobbles and low boulders content. e, gravel is fine to coarse subangula ded, cobbles and boulders are suba	avelly CLAY Sand is fine				,	AA200195	В	0.80		
							AA200196	В	1.80		
TP termi End of T	nated at 2.2m due to many boulders rial Pit at 2.20m	3		2.20	77.70						
3.0											
4.0											
Groundwater C	conditions										
ΓP dry											
Stability P stable											
General Remar	ks ic offices project				······································				····		
	· , · · <u>2</u>										



Je	155L		TRIAL PIT	RECO	RD					24	665	
CON	TRACT	Monaghan Active Travel						TRIAL P	IT NO.	TPO		
LOG	GED BY	I.Reder	CO-ORDINAT		833,8	77.14 E 42.01 N		DATE ST		28/0	4/2023 4/2023	
CLIE	NT NEER	Monaghan Co.Co. DBFL/Cora	GROUND LE	/EL (m)	75.17			EXCAVA METHO		3T T mack	racked nine	
									Sample	s	'a)	meter
		Geotechnical Description		Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Type	Depth	Vane Test (KPa)	Hand Penetrometer
0.0	TOPSOI	L		78.77	2.05	74.00	***************************************					
	roots cor	wn, slightly sandy slightly gravelly ntent. Sand is fine to coarse, grave	CLAY with hair	0 0	0.25	74.92 74.67						
1.0	Firm to s	ubangular to subrounded. tiff, greyish brown, slightly sandy g Y with high cobbles and boulders coarse, gravel is fine to coarse su ded, cobbles and boulders are sub	ravelly slightly content. Sand bangular to angular to	1 × 8 × 9	0.50	74.07		AA200191	В	0.70		
	TP termi End of T	nated at 1.5m due to many boulde rial Pit at 1.50m	rs	4.0	1.50	73.67	,	AA200192	В	1.50		
3.0												
4.0												
		onditions										
ΓP dr	у											
Stabil P stabil	lity able											
Sene (P do	ral Remar	ks ic offices project					· · · · · · · · · · · · · · · · · · ·	****				



	33L	Т	RIAL PIT	RECO	RD					24	665	
CON	TRACT	Monaghan Active Travel						TRIAL P	IT NO.	TP1	0 et 1 of 1	
LOG	GED BY	1.Reder	CO-ORDINAT		833,8	49.28 E 75.03 N		DATE S		28/0	4/2023 4/2023	
CLIE ENGI	NT NEER	Monaghan Co.Co. DBFL/Cora	GROUND LEV	/EL (m)	81.69			EXCAVA METHOI		3T T mac	racked hine	
									Sample	s	(a)	neter
		Geotechnical Description		Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Туре	Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
1.0	roots co- coarse s Stiff to v gravelly Sand is to subro angular.	own, slightly sandy slightly gravelly Content. Sand is fine to coarse, gravel subangular to subrounded. ery stiff, greyish brown to brown, slightly with high cobbles and boulde fine to coarse, gravel is fine to coarse, gravel is sone to coarse, unded, cobbles and boulders are su	is fine to ghtly sandy ers content		0.30 0.50 2.50	81.39 81.19		AA200197 AA200198 AA200199	В	0.60 1.60 2.50		
Grou		Conditions										
Stabi TP st	lity able											
	ral Remar	rks ric offices project										
ut	ZIO TOF UIV	e emoce project										



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CON	TRACT	Monaghan Active Travel						TRIAL PI SHEET	T NO.	TP1	1 et 1 of 1	
LOG	GED BY	I.Reder	CO-ORDINA	TES	667,48 833,88	32.17 E 36.75 N		DATE ST			4/2023 4/2023	
CLIE	NT NEER	Monaghan Co.Co. DBFL/Cora	GROUND LE	VEL (m)	76.84			EXCAVA METHOE		3T T macl	racked nine	
									Sample	s	' a)	meter
		Geotechnical Description		Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Туре	Depth	Vane Test (KPa)	Hand Penetrometer
0.0	TOPSO Soft to f	irm, brown/grey mottled, slightly sa	andy slightly		0.20	76.64						
1.0	coarse,	CLAY with low cobbles content. S gravel is fine to coarse subangula ded, cobbles are small subangula ded.	r to					AA205152	₿	0.70		
	with med	stiff, greyish brown, slightly sandy dium cobbles and low boulders co oarse, gravel is fine to coarse sub ded, cobbles and boulders are su	intent. Sand is angular to		1.10	75.74	·	AA205153	В	1.50		
2.0	TP termi	inated at 2.3m due to many bould rial Pit at 2.30m	ers		2.30	74.54		AA205154	В	2.20		
3.0												
4.0												
Groui P dr		Conditions										•
Stabi P stabi						•		THE CONTRACTOR AND CO				
	ral Remai one for civ	rks vic offices project	MPANAONI MARANA									***************************************



REPORT NUMBER

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CONTRACT Moneginan Active Travel COORDINATES 687,491.71 E SHEET CHAPTER	J.	334									۷-4	000	
CO-ORDINATES 667.491.71 E SASJ,909.43 N Monaghan Co.Co. DOFT/Cora SASJ,909.43 N DOFT STARTED O4/05/20/23 SASJ,909.43 N DOFT COMPLETED O4/05/20/23 DOF	CON	TRACT	Monaghan Active Travel						1	T NO.			
Geotechnical Description Geotechnical Description Geotechnical Description Geotechnical Description Geotechnical Description Samples	LOG	GED BY	I.Reder			667,4 833,9	91.71 E 09.43 N		DATE ST		04/0	5/2023	
TOPSOIL Soft, brown, slightly sandy slightly gravelly CLAY with hair roots content. Sand is fine to coarse, gravel is fine to coarse subangular to subrounded. Soft to firm, greylsh brown, slightly sandy slightly gravelly CLAY with hair coolst content. Sand is fine to coarse subangular to subrounded. Soft to firm, greylsh brown, slightly sandy slightly gravelly CLAY with high cobbles and boulders content. Sand is fine to coarse, gravel is fine to coarse, gravel is fine to coarse subangular to subrounded. Soft to firm, greylsh brown, slightly sandy very gravelly CLAY with high cobbles and boulders content. Sand is fine to coarse, gravel is fine to coarse, gravelly cLAY with high cobbles and boulders are subangular to angular, cobbles and boulders or cobbles and b				GROUND LE	VEL (m)	77.46		-					
TOPSOIL Soft, brown, slightly sandy slightly gravelly CLAY with hair roots content. Sand is fine to coarse, gravel is fine to coarse subangular to subrounded. Soft to firm, greylsh brown, slightly sandy slightly gravelly CLAY with hair cost content. Sand is fine to coarse subangular to subrounded. Soft to firm, greylsh brown, slightly sandy very gravelly CLAY with high cobbles and boulders content. Sand is fine to coarse, gravel is fine to coarse subangular to subrounded. Soft to firm, greylsh brown, slightly sandy very gravelly CLAY with high cobbles and boulders content. Sand is fine to coarse, gravel is fine to coarse subangular to angular, cobbles and boulders are subangular to angular, cobbles and boulders angular to angular, cobbles and boulders are subangular to angular, cobbles and boulders are subangular to angular, cobbles and boulders are subangular to angular, cobbles and boulders angular to angular, cobbles and bou										Samples		,a)	meter
Soft bown, slightly sandy slightly gravelly CLAY with hair roots content. Sand is fine to coarse, gravel is fine to coarse subangular to subrounded. Soft to fine to coarse subangular to angular (possible very clayey angular gravel and cobbles and boulders content. Sand is fine to coarse, gravel is fine to coarse			Geotechnical Descrip	otion	Legend	Depth (m)	Elevation	Water Strike	Sample Ref	Туре	Depth	Vane Test (KF	Hand Penetros (KPa)
with hair roots content. Sand is fine to coarse, gravel is line to coarse subangular to subrounded. Soft to firm, greyish brown, slightly sandy slightly gravelly CLAY with low cobbles content. Sand is fine to coarse subangular to subrounded. Soft to firm, greyish brown, slightly sandy slightly gravelly CLAY with low cobbles are owned subangular to subrounded. Soft to firm, greyish brown, slightly sandy very gravelly CLAY with logic cobbles are owned subangular to subrounded. Soft to firm, greyish brown, slightly sandy very gravelly CLAY with logic cobbles and boulders content. Sand is firm to coarse, gravel is firm to coarse, gravel is firm to coarse subangular to subrounded. To firm, greyish brown, slightly sandy very gravelly CLAY with logic cobbles and boulders are subangular to angular (possible very clayey angular gravel and cobbles) TP terminated at 1.8m due to boulders or rock End of Trial Pit at 1.80m TP trial Pit at 1.80m A205178 B 0.80 A205179 B 1.70 A205179 B 1.70 Stability P stable Seneral Remarks	0.0				<u> </u>		77 16						
CLAY with low cobbles content. Sand is fine to coarse, gravel is fine to coarse subangular to subrounded. Soft to fine, greyish brown, slightly sandy very gravelly CLAY with high cobbles and boulders content. Sand is fine to coarse, gravel is fine to coarse subangular to angular, (possible very clayey angular gravel and cobbles) TP terminated at 1.8m due to boulders or rock End of Trial Pit at 1.80m A205179 B 1.70 To application of the property of		with hair fine to c	roots content. Sand is fine to oarse subangular to subround	coarse, gravel is led.	0								
ine to coarse, gravel is fine to coarse subangular to angular, cobiles and boulders are subangular to angular, (possible very clayey angular gravel and cobbles) TP terminated at 1.8m due to boulders or rock End of Trial Pit at 1.80m 1.80 75.66 AA205179 B 1.70 Incomplete to the coarse subangular to angular, (possible very clayey angular gravel and cobbles) TP terminated at 1.8m due to boulders or rock End of Trial Pit at 1.80m Toundwater Conditions P dry Tability P stable eneral Remarks	1.0	CLAY w gravel is cobbles Soft to fi	ith low cobbles content. Sand if ine to coarse subangular to are small subangular to subro rm, grevish brown, slightly sa	is fine to coarse, subrounded, bunded.		1.00	76.46		AA205178	В	0.80		
The terminated at 1.8m due to boulders or rock End of Trial Pit at 1.80m 1.00	melione	fine to co angular,	carse, gravel is fine to coarse cobbles and boulders are su	subangular to bangular to angular.		1.90	75.66		AA205179	B	1 70	:	
4.0 Groundwater Conditions P dry Stability P stable General Remarks	2.0			s or rock		1.50	75.00	***************************************					
4.0 Groundwater Conditions TP dry Stability TP stable General Remarks						Walter Works							
Groundwater Conditions TP dry Stability TP stable General Remarks	3.0												
P dry Stability P stable General Remarks	4.0				PROPERTY OF THE PARTY AND ADDRESS OF THE PARTY OF THE PAR								
Stability P stable General Remarks													
TP stable General Remarks			Conditions		:								
TP stable General Remarks	Stabil	lity											
	P sta	able											