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									HOLE NO: <b>BH BV</b>					
PROJE	ECT	: Br	isbar	ne Val	ley Gra	ade (	Sepa	aration	JOB NO: QB10200.4			: 1 OF 4		
						653	(56	MGA94	, , , , , , , , , , , , , , , , , , , ,			ΓΙΟΝ : Brisbane Valley Hwy		
	YPE :				cout o 11/5/	/11			CONTRACTOR: GeoDrill - T Partleton  LOGGED BY: LN CHECKED BY: VP			ZIMUTH : 90° DARD : AS1736		
// \ I L	T		B DA		11/3/	Ï			EGGGED BY . EN		OTATAL	I NOTITO		
DRILLING & WATER	Moisture Content	Dry Density	% Fines	Atterberg	SAMPLES & SPT DATA	RL (m)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	MOISTURE	CONSISTENCY RELATIVE DENSITY Q/ ts Q/ ts/	COMMENTS Field Test Data & Other Observations		
					D	56.3-			CLAY - high plasticity, dark brown, moist, firm.	М	σ u. σ ≶	0.00: Topsoil 0 to 0.3m.		
					0.80m D 1.00m SPT	- 55.8-	_ _ 		CLAY - sandy silty CLAY, high plasticity, grey streaked orange brown, fine to coarse sand, moist, very stiff.  1.00m SILT - sandy clayey SILT, high plasticity fines, grey mottled orange brown,	М		1.00: SPT Recovery: 0.45 m		
					N=16		- - -		Site - sandy ciacyey Site, ingriphasicity lines, grey mouted drange drown, some fine sand, moist, very stiff.	М				
					1.45m 1.50m D	55.3-	-1.5		1.50m					
Groundwater					1.60m		-		CLAY - sandy CLAY, high plasicity, light orange brown, fine to course sand, moist, very stiff.	М				
					SPT N=31		- - -		SILT - high plasticity fines, light grey mottled orange, moist, very stiff.			2.00: SPT Recovery: 0.45 m		
					2.45m	54.3-	2.5 			М				
					3.00m SPT N=22	53.8-	-3.0 - -		3.00m SILT - sandy clayey SILT, high plasticity fines, light grey slightly mottled orange, fine to coarse sand, moist, very stiff.	м		3.00: SPT Recovery: 0.45 m		
AS WB RR F	Hand A Auger Washb Rock R GR V = V	uger ore olling OUN	DWA <sup>-</sup> level level	HQ NQ PQ NMLO TER SY	HQ Co NQ Co PQ Co NMLC MBOLS drilling)	ring ring Cori	ng	ES EI EW EI HP Ha HV Ha (P: Pe N SP	SAMPLES & FIELD TESTS isturbed Sample	0 - 4 4 - 2 10 - 30 - 50 -	4 10 - 30 - 50 - 100	CONSISTENCY (Su) {N-value} VS Very Soft < 12 kPa {0-: S Soft 12 - 25 {2-4} F Firm 25 - 50 {4-8} St Stiff 50 - 100 {8-1 VSt Very Stiff 100 - 200 {15} H Hard > 200 kPa {>:		

		77							SOIL LOG		HOLE NO: BH B	,
PROJE	СТ	: Bri	sban	e Val	ley Gra	ide S	Sepa	ration	JOB NO: QB10200.4		PAGE: 2 OF 4	
POSITION						653	(56 N	/IGA94	,		LOCATION : Brisbane Valley H	lwy
RIG TYI DATE D						11			CONTRACTOR: GeoDrill - T Partleton  LOGGED BY: LN CHECKED BY: VP		DIP / AZIMUTH : 90°  STANDARD : AS1736	_
			DAT			İ			EGGGED BY . EN GNEGKED BY . W		CITALD TROTTED	_
DRILLING & WATER DETAIL	Moisture Content	Dry Density	% Fines	Atterberg Limits	SAMPLES & SPT DATA	RL (m)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	MOISTURE	COMMENTS PENATIVE DENSITY DENS	5
					4.00m SPT N=57	- 52.8-	-       -		SILT - sandy clayey SILT, high plasticity fines, light grey slightly mottled orange, fine to coarse sand, moist, very stiff. (continued)  4.30m  SILT - sandy SILT, high plasticity fines, light orange brown streaked grey, fine to coarse sand, moist, hard.	М		
					5.00m SPT N=47	52.3-	4.5 		5.00m  SILT - sandy SILT, high plasticity fines, light grey with orange layering, fine to medium sand, moist, hard.	М	5.00: SPT Recovery: 0.45 m	
Groundwater					5.45m	51.3-	_ _ 5.5			М		
					6.00m SPT N=40	-50.8-			6.00m SILT - high plasticity fines, light orange grey, trace of fine sand, moist, hard.	м	6.00: SPT Recovery: 0.45 m	
AS AI WB W RR Ro	= V	uger ore olling OUNI	DWAT	HQ NQ PQ NMLC ER SY	HQ Cor NQ Cor PQ Cor NMLC 'MBOLS' drilling)	ring ring Corir	ng	ES Er EW Er HP Hai HV Hai (P: Pea N SPT	SAMPLES & FIELD TESTS sturbed Sample SPT SPT Sample U Undisturbed Tube Sample L Loose Water Sample W Water Sample W Water Sample D Dense VD Very Dense CO Compact  ak Su R: Residual Su) To penetration by hammer weight	0 - 4 - se 10 30 50	-4 VS Very Soft < 12 kPa -10 S Soft 12 - 25 {	{0- 2-4 4-8 {8-1 {15

	1	7							SOIL LOG	HOLE NO: <b>BH BV</b>	
PROJEC	CT	: Bri	sban	e Val	ley Gra	ide S	Sepa	aration	JOB NO: QB10200.4	PAGE: 3 OF 4	
POSITIO						653	(56	MGA94		LOCATION : Brisbane Valley Hwy	
RIG TYP DATE DI						11			CONTRACTOR: GeoDrill - T Partleton  LOGGED BY: LN CHECKED BY: VP	DIP / AZIMUTH : 90°  STANDARD : AS1736	
	IIILL		DAT		11/3/	Ï			EGGGED BT . EIN GNEGKED BT . VI	STANDARD : AST700	
DRILLING & WATER DETAIL	Moisture Content	Dry Density	% Fines	Atterberg Limits	SAMPLES & SPT DATA	RL (m)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	W CONSISTENCY   RELATIVE DENSITY   COMMENTS Field Test Data & Other Observations	
	_				SPT N=45		-		SILT - high plasticity fines, light orange grey, moist, hard.	M   1   1   1   1   1   1   1   1   1	
					7.45m 7.50m D 7.60m	49.3	- -7.5		IRONSTONE - red brown, extremely weathered, extremely low strength, moist, medium dense.	M   1   1   1   1   1   1   1   1   1	
					8.00m SPT N=27	<b>-</b> 48.8 <b>-</b>	_ _ 		7.80m SILT -high plasticity fines, light orange grey, minor dark brown fissuring, moist, hard.	8.00: SPT Recovery: 0.45 m	
ater						8.45m	48.3-	_ _ 8.5			M
Groundwater					9.00m SPT N=48	- 47.8 <del>-</del>	_ _ _9.0		9.00m SILT -high plasticity fines, orange grey, some fine sand, moist, hard.	9.00: SPT Recovery: 0.45 m	
					9.45m	47.3-	_ _ 9.5			M	
					10.00m SPT N=60	- 46.8-	_ _ _ _10.0		10,00m SILT - high plasticity fines, orange grey, trace of extremely weathered and	10.00: SPT Recovery: 0.45 m	
					_10.45m		- - -		extremely low strength ironstone, moist, hard.	M	
AS Au NB Wa RR Roo	_ = W	uger ore olling OUNI	DWAT	HQ NQ PQ NMLC ER SY	HQ Cor NQ Cor PQ Cor NMLC (MBOLS	ring ring Corii	ng	HP Har HV Har (P: Pea N SPT	SAMPLES & FIELD TESTS sturbed Sample	0 - 4 VS Very Soft < 12 kPa {0-4	

		7							301	L LOG					e: BH BV
PROJE	СТ	: Bri	isban	e Vall	ey Gra	de S	Sepa	aration	JOB NO: QB10200.4				PAG	E:4 OF 4	
						653	(56	MGA94)	SURFACE ELEVATION:						bane Valley Hwy
RIG TY DATE D						11			CONTRACTOR : GeoDri LOGGED BY : LN	II - T Partleton  CHECKED E	RV · VP			AZIMUTH : NDARD : AS	
			DAT						LOGGED BT . LIV	OFFICINED	JI . VI		JIA	IDAND . AG	1700
DRILLING & WATER DETAIL	Moisture Content	Dry Density	% Fines	Atterberg Limits	SAMPLES & SPT DATA	RL (m)	DEPTH (m)	GRAPHIC LOG	Soil Type, Colour, Plastic	DESCRIPTION bity or Particle Charac Minor Components	teristic	MOISTURE	CONSISTEN RELATIVI DENSITY	Fi (	COMMENTS ield Test Data ner Observations
	Mo							+	Terminated @ 10.5 m.				S/L F/MD St/D	N N N N N N N N N N N N N N N N N N N	
						45.8— 45.3— 44.3—			No water encountered.						
AS A WB W RR R	Z = V	uger ore olling OUNI Vater	DWAT	HQ NQ PQ NMLC ER SY static)	HQ Cor NQ Cor PQ Cor NMLC MBOLS drilling)	ing ing Corir	ng	HP Hand HV Hand (P: Peak N SPT I HW SPT	d Penetrometer MOISTU	Sample turbed Tube Sample Sample RE CONDITION I = Moist W = Wet	DENSITY (N VL Very Loose L Loose MD Medium Dense D Dense VD Very Dense CO Compact	0 - 4 4 - 1 = 10 - 30 - 50 -	0 30 50	CONSISTEN VS Very So S Soft F Firm St Stiff VSt Very Sti H Hard	12 - 25 {2-4} 25 - 50 {4-8} 50 - 100 {8-1