

off secondary track in forest.

Drilling Log Sheet

START: 0805
END: 10:38

Hole No.	RM 355
Logged By	JFM - onsite
Drilled By	eDrill
EOH Depth	20m
Survey Method	Hand GPS

Date	20/11/23
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84



Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Wet Moist		DESCRIPTION (COMMENTS)	Mag meter
									M	A D		
	0	1	1		RM 355 01	DK Br	PI Lp Gt	SI	m	20	Dark brown soil	
	1	2	1	✓	02	Dr Br (Wh)	PI Lp Gt	S _{1/2} CI (Dw)	m	30	Orange brown clay with minor white clay specks.	
	2	3	1	✓	03	Dr Br (Wh)	PI Lp Gt Sp (ch)	CI (Dw)	m	35	As above. Increased white clay specks	
Sample	3	4	1	✓	04	Dr Br Wh	PI Gt Ch	CI Dw Qz	m	20	5% 12cm chips white ^{opaline} quartz clay vein chips - Angular. Black specks photo.	
	4	5	1	✓	RM 355 05	Dr Br (Wh)	PI Gt (Sp)	CI, (Dw)	m	30	Orange-brown gritty clay after dolerite?	
	5	6	1	✓	06	Dr Br (Yw Br)	PI Gt (Sp)	CI, (Dw)	m	30	As above. minor yellow-brown clay specks.	
	6	7	1	✓	07	Dr Br (Yw Br)	PI Sf Gt (Sp)	CI (Dw)	m	70	Soft clay with weathered dolerite soft chips.	
	7	8	1	✓	08	Dr Br (Pk Rd)	PI Sf Gt (Sp)	CI (Dw)	m	70	Pink-red specks in soft clay, as above.	
	8	9	1	✓	09	Br (Pk Rd Wh)	PI Sf Gt (Sp)	CI (Dw)	m	70	Brown clay with minor specks. Some trace bl gk specks.	
	9	10	1	✓	RM 355 10	Br (Red Br)	PI Sf Gt	CI (Dw)	m	70	Brown clay without specks.	
	10	11	1	✓	11	Br	PI Sf Gt (Un)	CI	m	70	" " "	
	11	12	1	✓	12	Br	PI Sf Gt (Sp)	CI	m	70	Weakly speckled brown clay.	
	12	13	1	✓	13	Br Lt Br (Wh)	PI Gt (Lm) (Sp)	CI, Dw	m	60	Poor sample return (~10%), weathered dolerite.	
✓	13	14	1	✓	14	Br	Sf Gt	CI	W	-	Brown hard ^{moist} - sloppy.	
	14	15	1	✓	RM 355 15	Br	Sf Gt (Sp)	CI	W	-	Brown hard soft clay.	
	15	16	1	✓	16	Br (Gy Wh)	Sf Gt (Sp)	CI (Dw)	m	70	" " " with minor clay specks.	
	16	17	1	✓	17	Br (Gy Gr Wh)	Sf Ch Gt	CI (Dw) (TA)	m	70	Off white feldspar weathered clayey chips. Curano? type?	
	17	18	1	✓	18	Br (Gy Gr Wh)	Sf Ch Gt	CI (Dw)	m	70	" " "	
	18	19	1	✓	19	Br	Sf Gt (Ch)	CI (Dw)	m	70	Clay Clay from weathered dolerite.	
	19	20	1		20	Br		CI DE	W	-	Hard bottom. Wet + no penetration	

EOH

~~Sheet~~ sheet 1 of 2.

Drilling Logging Sheet

Date logged 12/12/2023

Date	
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84



Hole No.	RM 359
Logged By	JFM in shed
Drilled By	eDrill
EOH Depth	
Survey Method	Hand GPS

Wet Moist W M A D Almost drv Completely dry

Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture	Lumps%	DESCRIPTION (COMMENTS)	Mag meter
	0	1	1	✓	RM 359 01	Dk Br	Gt, Pw	Sl	A		Possible contamination from previous hole.	
	1	2	1	✓	02	Dk Br Br	Gt, Gr	Dw	M		Possible weathered dolerite boulder scree.	
	2	3	1	✓	03	Dk Br Br (wh)	Gt, Pl, Sp	Cl	M		White soft clay mineral + other darker specks in clay	
	3	4	1	✓	04	Rd Br (BK)	Gt, Pl, Sp	Cl	M		Weakly speckled clay. Variety of speck colours.	
	4	5	1	✓	RM 359 05	Rd Br	Gt, Pl, Sp	Cl	M		As above. More red. (Oxidised).	
	5	6	1	✓	06	Rd Br, Br	Gt Pl Sp	Cl	M		Trace vari-coloured specks in clay.	
	6	7	1	✓	07	Rd Br, Br	Gt Pl Sp	Cl	M		'As above'.	
	7	8	1	✓	08	Br Rd Br	Gt Pl Sp	Cl	M		More uniform colour (brown).	
	8	9	1	✓	09	Br Rd Br	Gt Pl Sp	Cl	M		Multi coloured specks in trace amounts as above.	
	9	10	1	✓	RM 359 10	Br	Gt Pl (Sp)	Cl	M		Pale brown specks.	
	10	11	1	✓	11	Br	Gt Pl (Sp)	Cl	M			
	11	12	1	✓	12	Br	Gt Pl (Gr) (Sp)	Cl (Dw)	M		Possible transition to weathered dolerite.	
	12	13	1	✓	13	Br Gy	Gr Gt	Dw	M		Confirmed granular weathered dolerite.	
	13	14	1		14	Br (wh)	Gr Gt Sp	Dw	M		White specks from feldspar turning to clay.	
	14	15	1	✓	RM 359 15	Br Dk Br	Gt Gt Sp	Dw	M		"As above"	
	15	16	1		16	Br Dk Br	Gt Gt Sp	Dw	M		"As above"	
	16	17	1	✓	17	Br Dk Br	Gr Gt Sp	Dw	M		"As above"	
	17	18	1		18	Br Dk Br	Gr Gt Sp	Dw	M			
	18	19	1	✓	19	Br	Gr Gt (Sp) Pl	Dw, Cl	M		Less speckled. More clay.	
	19	20	1		RM 359 20	Br	Gr Gt (Sp) Pl	Dw, Cl	M		" "	

sheet 1 of 2

On a structural intersection.

Drilling Logging Sheet

Hole No.	RM 360
Logged By	JFM in shed.
Drilled By	eDrill
EOH Depth	31m
Survey Method	Hand GPS

Date logged : 12/12/2023

Date	
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84



Wet Moist W M A D Almost dry Completely dry

Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture	Lumps%	DESCRIPTION (COMMENTS)	Mag meter
	0	1	1	✓	RM36001	Br	Gt (Sp)(Pl)	Cl, Sl	M		Speckled weathered clayey material	
	1	2	1	✓	02	Br (Rd Br)	Gt Sp Pl	Cl	M		Multicoloured but very trace specks in clay.	
	2	3	1	✓	03	Br Rd Br Gy	Gt Gr Sp Pl	Dw, Cl	M		Possible weathered dolerite boulder in clay.	
	3	4	1	✓	04	Rd Br Gy Bf	Pl Gt Gr Sp	Cl, Dw	M		'As above'	
	4	5	1	✓	RM36005	Rd Br Br	Pl Gt Sp	Cl (Dw)	M		'As above', Trace Dw.	
	5	6	1	✓	06	Rd Br	Pl Gt Sp	Cl	M		Microscopic multicoloured specks in clay.	
	6	7	1	✓	07	Rd Br	Pl Gt Sp	Cl	M		'As above'.	
	7	8	1	✓	08	Rd Br	Pl Gt Sp	Cl	M		'As above'.	
	8	9	1	✓	09	Rd Br	Pl Gt Sp	Cl	M		'As above'	
	9	10	1	✓	RM36010	Rd Br	Pl Gt Sp	Cl	M		'As above'	
	10	11	1	✓	11	Rd Br (Kh)(Wh)	Pl Gt Sp	Cl, Vl	M		Clay as above with 12mm grain of pale khaki-white mineral.	
	11	12	1	✓	12	Rd Br	Gr Gt Sp	Dw, Cl	M		First sign of very weathered granular mafic rock.	
	12	13	1	✓	13	Rd Br (Wh)	Gr Gt Sp	Dw, Cl	M		Weathered dolerite	
	13	14	1	✓	14	Rd Br (Wh)	Gr Gt Sp	Dw, Cl	M		'As above'	
	14	15	1	✓	RM36015	Rd Br (Wh)	Gr Gt Sp	Dw, Cl	M		'As above'	
	15	16	1	✓	16	Rd Br	Gr Gt Sp	Dw, Cl	M		'As above'	
	16	17	1	✓	17	Dk Br (Gy)	Gr Gt Sp	Dw	M		Transition from weathered to fresh dolerite	
	17	18	1	✓	18	Bk Dk Gy	Gr Sp Pw	De	M		Fresh dolerite (boulder?).	
	18	19	1	✓	19	Dk Br Bk	Gr, Pl	Dw, De	M		Black manganiferous blobs in mixed dolerite	
	19	20	1	✓	RM36020	Bk Dk Gr	Gr, Pl	De, Dw	M		Chloritic? shear in dolerite	

Drilling Log Sheet

Hole No.	RM366
Logged By	IWH on site
Drilled By	eDrill
EOH Depth	15m
Survey Method	Hand GPS

with Mike Smith
Geophysicist

Date	27/11/23
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84

Moved hole 30m from ^{rounded} dolomite outcrop.



RT-1
Cor Mac Leo

Mag Suss
M. Leo

Wet Moist W M A D Almost dry Completely dry

Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture	Lumps%	DESCRIPTION (COMMENTS)	Mag water
	0	1	1	Wet	RM33601	Br - BF Br		Sl-cl	A	0		725
	1	2	1	Wet	02	Or Br	PL Sp	Cl	M	10		305
	2	3	1	✓	03	Or Br - BF	PL Sp	Cl	M	15	Laminated buff clay pieces, black specks	420
3m	3	4	1	✓	04	Or Br - Br (BF) (BK)	PL Gr Ut Mx	Cl-Gr	M	20	Gravel layer 3.5-4m depth	410
	4	5	1	✓	RM33605	Br (BF) (BK)	PL Gr Ut Un	Gr-cl	M	20	Gravel layer, Angular grains = immature gravel	600
	5	6	1	Wet	06	Br (BF) (BK)	PL Gr Ut Un	Gr-cl	M	20	Finer grained	670
	6	7	1	✓	07	Br (BF) (BK)	PL Ut Fn Un	Cl (Ut)	M	5	" "	605
	7	8	1	Wet	08	Br (BF) BK	PL Ut (Gr)	Cl-ut-Mn	M	10	Manganese / DW chip.	670
	8	9	1	✓	09	Br (BF) (BK)	PL-ut (Gr)	Cl-ut	M	10	Rotted dolomite chip?	590
9.5	9	10	1	Wet	RM33610	Br (BF) BK	PL-ut (Gr)	Cl-ut	M	10	Black hard grains, SMALL SAMPLE?	520
	10	11	1	✓	11	Br BF BK	PL-ut slop	Cl-ut	VW	5	Slopping wet, manganese	495
	11	12	1	Wet	12	Br - BK	PL Sp Mx	Cl-ut	W	5	Black chips & grains (dolomite - Mn?)	560
	12	13	1	✓	13	Br - BK	PL Sp Mx	Cl-ut-Gr	W	5	Soil pieces? Paleosol?	520
	13	14	1		14	Br (BK)	PL Sp Mx	Cl-ut	W	5		670
	14	15	1		RM33615	Br	Slop - Slurry	Cl-DL	W	5	Hit Dolomite at 14.5m	-
	15	16	1								END HARD V. WET	
	16	17	1									
	17	18	1									
	18	19	1									
	19	20	1									

Drilling Log Sheet

Hole No.	RM 367
Logged By	IWL on site
Drilled By	eDrill
EOH Depth	12m
Survey Method	Hand GPS

Opposite side (w) of road from RM336. ~1.0 m Higher RL than RM336
Dolerite float have Mn-Fe crusts.

Date	28/11/21
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84

ABx Group

Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Wet Moist		W M		A D	Almost dry Completely dry	DESCRIPTION (COMMENTS)	Mag meter
									Moist	M	Moisture	Lumps %				
	0	1	1	-	RM36701	Br-Or	Almost no sample Slop - carry over	- SL	VW	-	-	-	-			
	1	2	1	✓	02	Or-Br-Br	PL-Gt Mx	CL-Gt	W	10						
	2	3	1	✓	03	Or-Br (BF)(BL)	PL-Gt-Fg	CL-Gt(Mn)	W	10					White specks, Black crystal, Vegetation	
	3	4	1	✓	04	Or-Br-Rd-Br (BF)(BL)	PL-Gt (Mx)	CL-Gt (DL)	W	15					Hit DL 3-95m	
	4	5	1	✓	RM36705	Or-Br-Dkly (BF)(BL)	PL-Gt-Ch Mx	CL-Gt-DL	W	25					Mixed 50% DL	
	5	6	1	✓	06	Or-Br-Gy-Br (BF)(BL)	PL-Gt-Ch Mx	CL-Ch DL	W	15					Mixed 50% DL	
	6	7	1	✓	07	Gy-Br-Dkly	PL-Ch	CL-DL	W	35					1.50/950	
	7	8	1	✓	08	Dkly-Gy (Br)	Pw-Ch-(PL)	DL (CL)	W	10						
	8	9	1	✓	09	Gy-Br (Dkly)	PL-Ch-(Ch)	CL (DL)	M	0						
	9	10	1	✓	RM36710	Gy-Br	PL-Gt	CL	M	5					Hard drilling clay?	
	10	11	1	✓	11	Gy-Gy-Br	Pw-Ch (PL)	CL-DL	A	25					Hit DL at 10.6m	
	11	12	1		RM36712	Gy	Pw-Ch	DL	D	10					Pure DL	
	12	13	1													
	13	14	1													
	14	15	1													
	15	16	1													
	16	17	1													
	17	18	1													
	18	19	1													
	19	20	1													

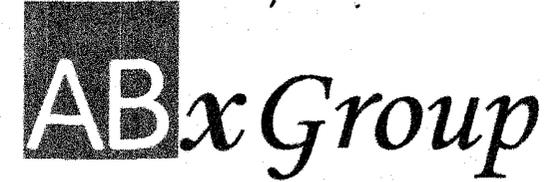
2800
2340
2000
1290
690
680
710
690
610

Drilling Log Sheet

Hole No.	RM369
Logged By	IWK on site
Drilled By	eDrill
EOH Depth	14.2m
Survey Method	Hand GPS

End of road to for north lease area. Old borrow-pit?

Date	29/11/23
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84

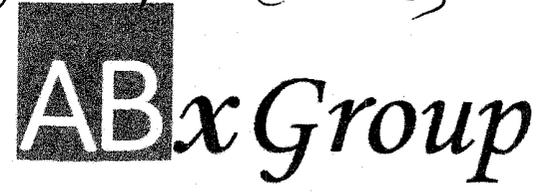


Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Wet Moist		W M		A D		DESCRIPTION (COMMENTS)	May meter
									Moist	M	M	D	Almost dry	Completely dry		
	0	1	1		RM36901	Br	Gr Un	Cl	A	0					Surface area has been excavated	7510
	1	2	1		02	Br	Gr Un	Cl	A	0						7040
	2	3	1		03	YBr (BF)	PL Un & Lm	Cl	M	0					Thin buff clay	2610
	3	4	1	✓	04	YBr - (Or Br) (BF)	PL Un & Mx	Cl (Mn?)	M	0					Change of colour 50% Black grains (rare)	1840
	4	5	1	✓	RM36905	Y-Or Br (Bk)	PL Un	Cl (Mn?)	M	5						685
	5	6	1	✓	06	Or Br	PL Un	Cl	M	0						435
	6	7	1	✓	07	Or Br (Bk)	PL Un	Cl - charcoal	M	0					Charcoal or Mn?	310
	7	8	1	✓	08	Or Br (BF)	PL Un	Cl	M	0					PHOTO: Small bits buff clay could be 2 minerals translucent	330
	8	9	1	✓	09	Or Br - BF Br	PL Un	Cl	M	0					Hallowite	380
	9	10	1		RM36910	Or BF Br	PL Un	Cl	M	0						800
	10	11	1		11	Bf Or Br	PL Un (Fg) (Wx)	Cl (Rotted DW)	M	5					One or two angular waxy fragments of DW	990
	11	12	1		12	Bf Or Br	PL Un (Fg Wx)	Cl - Rotted DW	M	15						960
	12	13	1	✓	13	Bf Or Br	PL Un Fg Wx	Cl - Rotted DW	M	15					Some rounded waxy fragments of DW	865
	13	14	1	✓	14	Br Bf Or (Bk)	Gr Ch PL Gr Ch	DW (Cl)	M						Fresher DW fragments	895
	14	15	1		RM36915	Dk Gy (Bf Or Br)	Gr Ch (PL)	DL (Cl)	V	W					Hard 14.2m Black dolerite END HARD WET	1000
	15	16	1													830
	16	17	1													590
	17	18	1													615
	18	19	1													435
	19	20	1													355

145
135 } DL
840 Clay
765 + DL

Drilling Log Sheet

On road on talus slope - all floaters of DL (moraine)



Hole No.	RM 372
Logged By	JWL on site
Drilled By	eDrill
EOH Depth	13.1m
Survey Method	Hand GPS

Date	29/1/23
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84

Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Wet Moist		A D	DESCRIPTION (COMMENTS)	Mag meter
									M	M			
	0	1	1		RM37201	RdBr-OrBr	Pl-Ch	Cl-Sl (bw)	A	20		10% carry-over.	560 740
	1	2	1		02	RdBr-OrBr	Pl	Cl	M	10			158 174
2m	2	3	1		03	YOrBr-Hdy	Pl Lm Mx	Cl	M	0			152 124
	3	4	1		04	YOrBr-(Bf)	Pl Lm Mx	Cl	M	0			298 232
	4	5	1	✓	RM372 05	Br (Dkrd) (Bk)	Pl-Gr-Lt+sp	Cl-Gr	M	15		Paleosol?	292 240
	5	6	1	✓	06	LtBr (Or)	Pl-lt sp	Cl Lt	M	15			246 292
	6	7	1	✓	07	LtBr (Or) (Bk)	Pl-lt sp	Cl Lt	M	15			420 344
	7	8	1	✓	08	LtBr (Or) (Bk)	Pl-lt sp	Cl Lt	M	10			504 496
9m	8	9	1	✓	09	LtBr (Bk)	Pl-lt Sp Mx	Cl-lt	M	10		Charcoal layer (old bushfire) Fine specks of white-yellow clayst Bk grains	618 676
	9	10	1	✓	RM37210	LtBr	Slop-slurry	Slurry	VW	5		Small sample	588 606
	10	11	1		11	LtBr	Slop-slurry	Slurry	VW	5			766 694
	11	12	1		12	LtBr	Slop-slurry	Slurry	VW	5			676 674
	12	13	1		13	LtBr	Slop-slurry	Slurry	VW	10			640 659
	13	14	1		RM37214	Br+Gy-Bk	Pl + Fg Ch	Cl + Dw	VW	80		Hard at 12.9m 13.1m	590 596
	14	15	1		14A	- Altered dolomite from drill bit. Ch, Fg.						Pushed down, pulled rods	725 175
	15	16	1										
	16	17	1										
	17	18	1										
	18	19	1										
	19	20	1										

- higher from bushfire
DL chip-

west side of

Just off track in new pine planting area.



Drilling Logging Sheet

START: 0935

Hole No.	RM 389	End: 13:25
Logged By	JFM on site	
Drilled By	eDrill	
EOH Depth	11m	
Survey Method	Hand GPS	

Date	15/12/2023
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84

Wet Moist W M A D Almost dry Completely dry

Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture	Lumps%	DESCRIPTION (COMMENTS)	Mag meter
	0	1	1		RM38901	Br	Sd, Gr	Sl (Sa)	M		Sandy brown soil	
	1	2	1	✓	02	Or Br	Sd, Gr, Gt (Pl)	Sa, Cl	M	10	Sandy to clayey material	
	2	3	1	✓	03	Br Dk Br	Pl, Sd, Gr, Gt	Cl (Sa)	M	10	Increased clay with sandy granules	
	3	4	1	✓	04	Lt Br Gy	Pw, Sd, Gr, Gt, Ch	Sa Qs	D		Loose sand plus sand clots. Equigranular sand.	
	4	5	1	✓	RM38905	Lt Br Gy	Sd, Gr, Gt, Ch	Sa Qs	M		'As above'	
	5	6	1	✓	06	Lt Gy	Pw, Gr, Gt, Sd.	Sa Qs	A		Very fine sand to silt. Equigranular	
	6	7	1	✓	07	Lt Gy	Pw, Sd, Gt	Sa Qs	A		" "	
	7	8	1	✓	08	Lt Gy	Pw, Sd, Gt	Sa Qs	M		" "	
	8	9	1	✓	09	Lt Gy Wh	Sd, Ch, Gt, Gr	Qs, Ss	M		Harder chips of quartz-muscovite sandstone with sand.	
	9	10	1	✓	RM38910	Lt Gy Br	Sd, Ch, Gr, Gt	Qs, Cl,	W		Minor clay in sand + sandstone	
✓	10	11	1	✓	11	Lt Gy	Sd, Ch, Gr, Gt, Lt	Ss, Qs	W		Very hard. Water pressure high. Clean water spray under pressure. No penetration	
✓	11	12	1									
	12	13	1									
	13	14	1									
	14	15	1									
	15	16	1									
	16	17	1									
	17	18	1									
	18	19	1									
	19	20	1									

EOH 11m.

Drilling Logging Sheet

Hole No.	RM 435
Logged By	JFM - on site
Drilled By	eDrill
EOH Depth	
Survey Method	Hand GPS

Date	21/2/24
WP	22/2/24
Easting/Long	23/2/24
Northing/Lat	
RL/Elevation	
Projection	WGS84

START: 12:30

END OF FIRST DAY: 17:00 - 13 m down.

DAY 2: 07:15 start - 19 m down
16:40 END.

DAY 3: 07:15 START



Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture		DESCRIPTION (COMMENTS)	Mag. meter
									Wet Moist	A D		
	0	1	1	✓	RM43501	Rd Rd-br-GY	Pl, Gt	Sl, Cl	M	-	Minor soil overlying red-grey mottled clay.	
	1	2	1	✓	02	Rd Br ^{Gt} , Wh	Pl, Lm	Cl	M	-	Grey clay could be kaolin rich, some smectite?	
	2	3	1	✓	03	Rd Br-GY	Pl, Nd, Gt	Cl	m	-	As above. Small 4mm nodules.	
	3	4	1	✓	04	Rd Br-GY (wh)	Pl, Nd, Gt	Cl	M	-	As above	
	4	5	1	✓	RM43505	Rd Br-wh Pl-GY	Pl, Nd, Gt, Lm	Cl	m	-	Mixed clay lumps - kaol specks. Some pink shades.	
	5	6	1	✓	06	Br	Pl, Nd, Gt	Cl	m	-	Brown clay - No visible specks.	
	6	7	1	✓	07	Br	Pl, Nd, Gt	Cl	m	-	" "	
	7	8	1	✓	08	Br	Pl, Nd, Gt	Cl	M	-	" "	
	8	9	1	✓	09	Br	Pl, Nd, Gt	Cl	M	-	" "	
	9	10	1	✓	RM43510	Br	Pl Gt.	Cl	M	-	Almost mud.	
	10	11	1	✓	11	Gt Br	Gt, Gt, Wt	Dw	M	-	First weathered dolomite.	
	11	12	1	✓	12	Br	Pw, Gt.	Dw	A	-	Fine dolomite (weathered) powder	
	12	13	1	✓	13	Lt Br	Pw, Gt	Dw	A	-	Powdery weathered dolomite.	
	13	14	1	✓	14	Lt Br	Gt, Pl.	Dw, Cl	M	-	Almost plastic mud.	
	14	15	1	✓	RM43515	Lt Br	Pl, Gt	Cl, Dw	M	-	" "	
	15	16	1	✓	16	Gy Blk	Pw Gt Gr, Ch	DL	D	-	Fresh dolomite. Panning sample gives translucent, ^{green} pale	HN
	16	17	1		17	Gy Blk	Pw, Gt, Gr, Ch	DL	D	-	" " . Panned HM is translucent, ^{pale} apple green pearly	v/c (H)
	17	18	1	✓	18	Gy Blk	Pw, Gt, Gr, Ch	DL	D	-	" "	"
	18	19	1		19	Gy Blk	Pw, Gt, Gr, Ch	DL	D	-	" "	"
	19	20	1	✓	RM43520	Gy Blk	Pw, Gt, Gr, Ch	DL	D	-	" "	"

Drilling Logging Sheet

Page 1 of 2

Hole No.	RM436
Logged By	JFM - on site
Drilled By	eDrill
EOH Depth	32.5m
Survey Method	Hand GPS

START:
0735

Date	26/02/2024
WED	27/02/2024
Easting/Long	28/02/2024
Northing/Lat	
RL/Elevation	
Projection	WGS84

IN PROGRESS 5pm Monday
at 20:30m
RETURNING: 0715am Tuesday
IN PLUMBES 17:00 Tuesday
RETURNING: 07:15am Wednesday
EOH: 12:30 pm Wednesday 28/2/24



Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Wet Moist		DESCRIPTION (COMMENTS)	Mag meter
									W	M		
	0	1	1	✓	RM43601	Br DkBr	Wt, Nd, Pl, Gt	SI	M	-	Brown nodular plastic to gritty soil	
	1	2	1	✓	02	RdBr Br	Wt, Pw, Gt	SI (CI)	A	40	Powdery soil?	
	2	3	1	✓	03	LtBr BF	Pl, Lp, Sf (Lm)	CI	M	20	Soft plastic pale brown to brown part mottled hard clay.	
	3	4	1	✓	04	Or Br	Pl, Lp, Sp, Sf	CI	M	30	Lumpy clay as above but Or Br colour. Tiny specks of black, off white.	
	4	5	1	✓	RM43605	OrBr	Pl, Lp, Sp, Sf	CI	M	30	Clay as above. The specks can be sooty black, pistachio green, off wht. ^{1mm}	
	5	6	1	✓	06	OrBr	Pl, Lp, Sp, Sf	CI	M	30	As above.	
	6	7	1	✓	07	Br	Pl Lp Sp Sf	CI	M	70	Brown as above.	
	7	8	1	✓	08	Br	Pl Lp Sp Sf	CI	M	70	As above.	
	8	9	1	✓	09	Br	Pl Lp Sp Sf	CI	M	70	As above. Uniform clay.	
	9	10	1	✓	RM43610	Br LtBr	Pl Lp Sp Sf	CI	M	70	As above.	
	10	11	1	✓	11	LtBr	Pl Lp Sp Sf	CI	M	70	As above.	
X	11	12	1	✓	12	LtBr (Or)	Pl Lp Sp Sf	CI	M	70	Trace orange brown mottled clay.	
	12	13	1	✓	13	LtBr	Gt	CI	W	-	Mud slurry	
	13	14	1	✓	14	LtBr Br	Pl Lp Sp Sf	CI	M	70	Clay as far 6-12m above. Still trace speckled, uniform.	
	14	15	1	✓	RM43615	LtBr	Pl Lp Sp Sf	CI	M	70	As above.	
	15	16	1	✓	16	LtBr	Pl Lp Sp Sf (Gt)	CI (Dw)	M	40	As above. A hint of being less plastic and more gritty. Dw?	
	16	17	1	✓	17	LtBr	Pw Sf Gt	CI-Dw	M	20	As above.	
	17	18	1	✓	18	LtBr	Pw Sf Gt	Dw (CI)	A	5	Drier sample. More gritty.	
	18	19	1	✓	19	LtBr	Gt Sf	Dw (CI)	W	20	Took long time to get hammer to work. Wet sample with uniform Dw.	
	19	20	1	✓	RM43620	Gy Bk	Gt, Cr, Pw	DL	A	-	First fresh dolerite. Fine grained, Pyroxene dominant.	

Drilling Logging Sheet

IN SHED.

DATE DRILLED :

PAGE 1 of 2.



Hole No.	RM 440
Logged By	JFM
Drilled By	eDrill
EOH Depth	39m
Survey Method	Hand GPS

Date LOGGED	10/06/2024
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84

Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Wet Moist		Lumps%	DESCRIPTION (COMMENTS)	Mag meter
									W	M			
	0	1	1		RM44001	Br	Gt, Nd, st	La, Sl		M		Possible laterite, soil creep from up slope of dolerite body	
	1	2	1	✓	02	Br-Gy	Gt, Nd	La, Sl		M		As above.	
	2	3	1		03	Wh-LtYw	Pw, Sf, Gr	Sa, Ss		A		V.f.g. sand + clay, immature, stream or lake shore origins.	
	3	4	1	✓	04	Wh-LtYw	Pw, Sf, Gr	Sa, Ss		A			
	4	5	1		RM44005	Wh-LtYw	Pw, Ch, Sf, Hd, Gr	Ss, Sa		A		Hard bands in sandstone	
	5	6	1		06	Wh-LtYw	Pw, Sf, Gt	Sa, Sf Ss		A		Powdery sand + fines	
	6	7	1	✓	07	Wh-LtYw	Pw, Sf, Gt	Sa, Sf Ss		A			
	7	8	1		08	Lt Or LtYw	Pw, Ch, Gt, Sf	Sa, Sf Ss		A			
	8	9	1		09	Lt Or LtYw	Pw, Gt, Sf	Sa, Ss		A			
	9	10	1	✓	RM44010	Wh-Ltgy	Pw, Gt, Sf, Hd	Sa, Ss		A		Hard lumps of Ss.	
	10	11	1		11	Wh-Ltgy	Pw, Gt, Sf, Hd	Sa, Ss		A		"	
	11	12	1		12	LtYw-LtBr	Pw, Gt, Sf, Hd	Sa, Ss		A		"	
	12	13	1	✓	13	LtYw Lt Br	Pw, Gt, Sf, st	Sa, Ss		A			
	13	14	1		14	LtGy-Wh	Pw, Sf, Gt	Sa, Ss		A			
	14	15	1	✓	RM44015	LtGy-Wh	Pw, Sf, Gt, Hd	Sa, Ss		A		Lumps.	
	15	16	1		16	LtGy-Wh	Pw, Sf, Gt	Sa, Ss		A			
	16	17	1		17	LtGy-Wh	Pw, Sf, Gt, Hd	Sa, Ss		A		Lumps	
	17	18	1		18	LtGy-Wh	Pw, Sf, Gt, Hd	Sa, Ss		A		Lumps	
	18	19	1	✓	19	LtGy-Wh	Pw, Sf, Gt, Hd	Sa, Ss		A		Lumps	
	19	20	1		RM44020	LtGy-Wh	Pw, Sf, Gt	Sa, Ss		A			

Drilling Logging Sheet

Date Drilled :

Hole No.	RM 444
Logged By	JFM
Drilled By	eDrill
EOH Depth	20m
Survey Method	Hand GPS

IN SHED

Date logged	10/06/2024
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84



Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Wet Moist		W M		A D	Almost dry Completely dry	DESCRIPTION (COMMENTS)	Mag meter
									Moisture	Lumps%	Moisture	Lumps%				
	0	1	1	✓	RM44401	Br	Gt	Sf, Sa	M					Mixed soil and sand.		
	1	2	1		02	Lt Br	Gt, Pw	Sa	A					Sand		
	2	3	1	✓	03	Lt Br	Gt Sf Pw	Sa	A							
	3	4	1		04	Lt Br	Gt Pw Sf.	Sa	A							
	4	5	1		RM44405	Lt Br	Gt Pw Sf	Sa	A							
	5	6	1	✓	06	Gy Lt Br	Gt Pl Pw Sf	Sa, Cl	A					Clay horizon		
	6	7	1		07	Lt Br (Yw)	Gt, Pl, Pw, Sf	Sa Cl	M							
	7	8	1		08	Gy Lt Br	Sf, Gt, Pl	Cl, Sa	M							
	8	9	1	✓	09	Lt Gy	Pw, Sf,	Sa	A					Trace of carbonaceous input.		
	9	10	1		RM44410	DK Gy	Pw, Sf	Sa	A					"		
	10	11	1		11	Gy	Pw, Sf	Sa	A					Sand		
	11	12	1		12	Gy	Pw, Sf	Sa	A					"		
	12	13	1	✓	13	Gy	Pw, Sf	Sa	A					"		
	13	14	1		14	Gy	Pw, Sf	Sa	A					"		
	14	15	1		RM44415	Gy	Pw, Sf	Sa	A					"		
	15	16	1	✓	16	Lt Gy	Pw, Sf	Sa	A					"		
	16	17	1		17	Lt Gy	Pw, Sf	Sa	A					"		
	17	18	1		18	Wh-Lt Gy	Pw, Sf	Sa	A					"		
	18	19	1		19	Wh-Lt Gy	Pw, Sf	Sa	A					"		
	19	20	1	✓	RM44420	Wh-Lt Gy	Pw, Sf	Sa	A					"	EBH	

Drilling Logging Sheet

Date drilled :

Page 1 of 2.



Hole No.	RM 445
Logged By	JFM
Drilled By	eDrill
EOH Depth	22m
Survey Method	Hand GPS

IN SHED

Date	logged	11/06/2024
WP		
Easting/Long		
Northing/Lat		
RL/Elevation		
Projection	WGS84	

Wet Moist M A D Almost drv Completely drv

Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture	Lumps%	DESCRIPTION (COMMENTS)	Mag meter
	0	1	1	✓	RM 445 01	Cy br	Sf Gr (PI)	Sl, Sa	A		F.g. gritty sandy soil	
	1	2	1		02	Br	Sf Gr (PI)	Sa (cl)	A		Silty sandy clayey soft material	
	2	3	1		03	Or Br	Sf Gr Pw	Sa	A		Silty	
	3	4	1		04	Or Br	Sf Gr Pw	Sa	A		"	
	4	5	1	✓	RM 445 05	Or Br cy	Sf Gr Pw	Sa (cl)	A		Silty clayey.	
	5	6	1		06	Or Br cy	Sf Gr Pw	Sa	A			
	6	7	1		07	lt cy	Pw Sf Gr	Sa	A		Dry claystone or siltstone??	
	7	8	1		08	lt cy	Pw Sf Gr	Sa	A		"	
	8	9	1	✓	09	lt cy Lt Br	Pw Sf Gr	Sa	A			
	9	10	1		RM 445 10	Lt Br Lt cy	Pw Sf Gr	Sa	A			
	10	11	1		11	Lt Br	Pw Sf Gr	Sa	A			
	11	12	1		12	Lt cy Lt Br	Pw Sf Gr	Sa	A			
	12	13	1	✓	13	Cy	Pw Sf Gr	Sa	A		Carbonaceous?	
	13	14	1		14	Cy	Pw Sf Gr	Sa	A			
	14	15	1		RM 445 15	Cy	Pw Sf Ch Gt Gr	Sa	A		Silt nodules	
	15	16	1		16	Cy	Pw Sf Gr	Sa	A			
	16	17	1	✓	17	Cy	Pw Sf Gr	Sa	A			
	17	18	1		18	Cy	Pw Sf	Sa	A			
	18	19	1		19	Cy	Pw Sf	Sa	A			
	19	20	1		RM 445 20	Lt cy - Wh	Pw Sf Ch	Sa	A		Siltstone nodules. Break with fingernail.	

Drilling Logging Sheet

Date Drilled: 11/06/2024

Hole No.	RM 446
Logged By	JFM
Drilled By	eDrill
EOH Depth	22m
Survey Method	Hand GPS

IN SHEET

Date logged	11/06/2024
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84

Page 1 of 2.



Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture			DESCRIPTION (COMMENTS)	Mag meter
									Wet Moist	W M	A D		
	0	1	1	✓	RM44601	Lt Or-Lt Br	Gr Pw Sf	Sa	D			Fine sand	
	1	2	1		02	Or Br	Gr Pw Sf	Sa	D				
	2	3	1		03	Or Br	Gr Pw Sf	Sa	D				
	3	4	1	✓	04	Br	Gr Gt Pw Sf (PI)	Sa, Dw	A			Possible weathered dolomite soil or slope movement onto sand.	
	4	5	1	✓	RM44605	Br	Gr Gt Sf (PI)	Dw,	A			"	
	5	6	1	✓	06	Br	Gr Gt Sf PI	Dw	A			"	
	6	7	1	✓	07	Br	Gr Gt Sf PI	Dw	A			"	
	7	8	1	✓	08	Br	Gr Gt Sf PI	Dw	A			"	
	8	9	1	✓	09	Br Gty	Gr Gt Sf PI	Dw	A			"	
	9	10	1		RM44610	Gty	Pw Gr Sf	Sa	D			Grey powder - v.f.g silt/sand - weakly carbonaceous?	
	10	11	1		11	Lt Gty	Pw Gr Sf	Sa	D			"	
	11	12	1		12	Lt Gty	Pw Gr Sf	Sa	D			"	
	12	13	1	✓	13	Lt Gty Wh	Pw Gr Sf	Sa	D			Off white powder	
	13	14	1		14	Lt Gty Wh	Pw Gr Sf	Sa	D			"	
	14	15	1		RM44615	Lt Gty Lt Gr	Pw Gr Ndsf	Sa	D			5-10mm minor nodules of siltstone in powder	
	15	16	1		16	Lt Gty Lt Gr	Pw Gr Nd Sf	Sa	D			"	
	16	17	1	✓	17	Lt Gty Lt Gr	Pw Gr Nd Sf	Sa	D			"	
	17	18	1		18	Lt Gty Lt Gr	Pw Gr Nd Sf	Sa	D			"	
	18	19	1		19	Lt Gty Lt Gr	Pw Gr Nd Sf	Sa	D			"	
	19	20	1		RM44620	Lt Gty Lt Gr	Pw Gr Nd Sf	Sa	D			"	

Drilling Logging Sheet

Hole No.	RM447
Logged By	JFM
Drilled By	eDrill
EOH Depth	22m
Survey Method	Hand GPS

IN SHED

Date Drilled :

Date	Logged	11/06/2024
WP		
Easting/Long		
Northing/Lat		
RL/Elevation		
Projection		WGS84

Page 1 of 2



Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture		DESCRIPTION (COMMENTS)	Mag meter
									Wet Moist	W M A D		
	0	1	1		RM44701	Rd Br	Gr Gt (PI) Sf	Sl		A	Soil derived from basalt or dolerite?	
	1	2	1	✓	02	Rd Br	Gr Gt Sf Pw	Sl		A		
	2	3	1	✓	03	Br	Gr Gt Sf (PI)	Dw Sf		M	Weathered dolerite. Possible slump from up slope.	
	3	4	1	✓	04	Cgy Br	Gr Gt Sf PI	Dw		M	" "	
	4	5	1		RM44705	Or Br	Pw Gt Gr Sf	Sa		D	Powdered vfg silt/sand.	
	5	6	1		06	Wh Lt Yw	Pw Gr Sf	Sa		D	Eqgranular v.f.g. sand.	
	6	7	1		07	Wh	Pw Gr Sf	Sa		D	"	
	7	8	1	✓	08	Wh	Pw Gr Sf	Sa		D	"	
	8	9	1		09	Wh Lt Yw	Pw Gr Gt Sf	Sa		D	Gritty sand.	
	9	10	1		RM44710	Lt Yw	Pw Gr Sf	Sa		D	"	
	10	11	1	✓	11	Lt Yw	Pw Gr Sf	Sa		D		
	11	12	1	✓	12	Lt Yw	Pw Gr Sf	Sa		D		
	12	13	1		13	Lt Yw Wh	Pw Gr Sf Nd	Sa		D	Minor nodules	
	13	14	1		14	Lt Yw Wh	Pw Gr Sf	Sa		D		
	14	15	1		RM44715	Lt Yw Wh	Pw Gr Sf	Sa		D		
	15	16	1	✓	16	Lt Yw Wh	Pw Gr Sf	Sa		D		
	16	17	1		17	Wh	Pw Gr Sf Nd	Sa		D	Minor Nodules.	
	17	18	1		18	Lt Yw Wh	Pw Gr Sf	Sa		D		
	18	19	1		19	Lt Yw Wh	Pw Gr Sf	Sa		D		
	19	20	1	✓	RM44720	Wh	Pw Gr Sf	Sa		D		

Drilling Logging Sheet

Hole No.	RM452
Logged By	JFM
Drilled By	eDrill
EOH Depth	
Survey Method	Hand GPS

START 14:30
END.
ON SITE

Date	20/06/2024
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84

On track not far from a low ridge to the south. Hole in progress to 7m end of day 20/6/24.



Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Wet Moist		A D	DESCRIPTION (COMMENTS)	Mag meter
									M	M			
	0	1	1	✓	RM45201	Dk Rd Br	Sf Gr	SI, CI	M	-		Soil + clay	
	1	2	1	✓	02	Rd Br	Sf Pl Sp	CI	M	20		Tiny white, cream, ^{black} green/cream specks in reddish clay	
	2	3	1	✓	03	Rd Br	Pl Sf Sp	CI	M	25		" " brown-red clay	
	3	4	1	✓	04	Lt Br Rd	Pl Sf Sp	CI	M	35		" " "	
	4	5	1	✓	RM45205	Lt Br Rd	Pl Sf Sp	CI	M	40		" " "	
	5	6	1	✓	06	Gy Bk Br	Hd ch br Lt	Dw, DL	A	-		Quick transition to weathered dolerite + fresh dol. chips.	
	6	7	1	✓	07	Gy Kh Br	Sf Hd ch pwgt	Dw (DL)	A	-		In and out of dolerite, fresh + weathered.	
	7	8	1										
	8	9	1										
	9	10	1										
	10	11	1										
	11	12	1										
	12	13	1										
	13	14	1										
	14	15	1										
	15	16	1										
	16	17	1										
	17	18	1										
	18	19	1										
	19	20	1										

TO BE COMPLETED

Drilling Logging Sheet

Page 1 of 2

Hole No.	RM 457
Logged By	JFM
Drilled By	eDrill
EOH Depth	24m
Survey Method	Hand GPS

IN SITED

Date	2/10/24
WP	
Easting/Long	
Northing/Lat	
RL/Elevation	
Projection	WGS84



Water table	FROM	TO	INT	Assay	SAMPLE NO.	COLOUR	TEXTURE	ROCK TYPE	Moisture			DESCRIPTION (COMMENTS)	Mag meter
									Wet Moist	W M	A D C		
	0	1	1	✓	RM45701	Br Rd	Nd Gt Fr	SI/Bx	D	-	-	Thin soil over low grade bauxite	
	1	2	1	✓	02	Rd Br	Fr Gt	Bx	D	-	-	Dry loose bauxite	
	2	3	1		03	Rd Br	Fr Gt	Bx	D	-	-	"	
	3	4	1	✓	04	Rd Br	Nd, Gt Fr	Bx	D	-	-	"	
	4	5	1		RM45705	Rd Dk Br	Gt Fr	Bx	D	-	-		
	5	6	1	✓	06	Br Dk Gg	Ch, Pw, Gt, Gr	Dw	D	-	-	Weathered to near fresh pyroxene feldspar dolerite	
	6	7	1		07	Br	Pw Gt Fr	Dw	D	-	-	Powdery weathered dolerite	
	7	8	1	✓	08	Br	Pw Gt Fr	Dw	D	-	-	As above.	
	8	9	1		09	Br Br	Nd Gt Fr	Dw	A	10	-	As above.	
	9	10	1	✓	RM45710	Br Kh	Gt Fr	Dw	A	-	-	Some minor khaki colouration.	
	10	11	1		11	Br	Gt Fr	Dw	M	-	-	Dolerite as above	
X	11	12	1	✓	12	Br	Pw Gt Fr	Dw	D	-	-	" "	
	12	13	1		13	Br Gg	Pw Gt Fr	Dw	D	-	-	Trace fresh grains of dolerite	
	13	14	1	✓	14	Br Gg	Pw Gt Fr	Dw	D	-	-	As above	
	14	15	1		RM45715	Br Gg	Pw Gt Fr	Dw	D	-	-	"	
	15	16	1	✓	16	Lt Br	Pw Gt Fr	Dw	D	-	-	"	
	16	17	1		17	Lt Br	Pw Gt Fr	Dw	D	-	-	"	
	17	18	1	✓	18	Gg Lt Gg	Pw Gt Fr Gr	DL	D	-	-	Almost fresh dolerite.	
	18	19	1		19	Gg Lt Gg	Pw Gt Fr Gr	DL	D	-	-	"	
	19	20	1	✓	RM45720	Gg Gr	Pw Gt Fr Gr	DL	D	-	-	"	

