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FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No ___BH034___

SHEET __1__ of __4__

REFERENCE NO ___H10582___

	JECT ATION	_BR			<u> </u>	AY (COOROY - CURRA) SECTION A GEOT	ECH	NIC	AL INVEST	IGATION		DORDINATES 485052.1 E; 7081141.9	
						SURFACE R.L <u>179.85m</u> PLUNGE			DATE	STARTED_		09 GRID DATUM MGA94	
JOB						HEIGHT DATUM _AHD BEARING				MPLETED _	22/7/	09 DRILLER R & D Drilling	
DЕРТН (m)	R.L. (m)		DRE DRILLING	RQD ()%	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	26	INTACT STRENGTH STRENGTH STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
0	179.85	₹8}	i I	REC %	SA	Clayou SILT (Posidual)		3	§ 11111	11111	9		S F
- 1					Α	Clayey SILT (Residual) Light grey to mottled red-brown, moist, stiff to very stiff. Traces of organics; occasional relic rock structure.		(MI	L) -			3,4,8 N=12	SPT
-	178.20						Щ			<u> </u>		5,8,11	CDT -
-2					В	PHYLLITE (XW): Generally exhibits the engineering properties of pale brown to grey, moist, very stiff to hard clayey Silt.	\$ \$\$\$\$\$\$\$	xv	v			N=19	SPT]
	176.85				С	Rock fabric visible in parts.	*****			Ī		14,21,23 N=44	SPT 5
-3 -	170.00			(0)		PHYLLITE (HW)	***					□- Clayey quartz gravels	-
E						Mottled red to brown, fine grained, foliated.	***			IF.		Is(50) = 0.20MPa	x -
-						In parts exhibits the engineering properties of moist, hard, gravelly clay.	***					ls(50) = 0.08MPa	0 -
-4			H	100 (19)		Occasional quartz bands.	***			F		⇒– Quartz vein	-
5	174.35			100 (25)		Detailed defect descriptions are shown on Form GEOT533/8 attached.	} } } } ! ! ! ! ! ! ! ! ! !	HV	v [***	Is(50) = 0.01MPa Is(50) = 0.01MPa - Crushed quartz and clay zone - Clay seam	o – x
-						PHYLLITE (MW): Light brown, fine grained, foliated.	***					⊐– Clay seam	
-6						Foliations are indistinct and dip at ~30°.	***						1100
			H	100		*	***					MC = 10.8%; UCS=3.98MPa	UCS -
- - - - - - 7 - - - -				(4-)		Defects are generally close to medium spaced. Prominent defect set parallel to foliation with another set at 70°. Defect surfaces are typically iron stained or thinly clay infilled.	} } } } } } ! ! ! ! ! ! ! ! ! !	M	w T			Is(50) = 0.52MPa ⇒– Quartz vein Is(50) = 0.34MPa	x - 0
			1	100		Occasional clay seams up to 50mm.	***						-
-8	171.35			(11)		5.5 - 5.63m: High strength quartz band.	}						-
-9						PHYLLITE (HW): Mottled red to brown, fine grained, foliated. Heavily brecciated; quartz veins	*****					ls(50) = 0.12MPa ls(50) = 0.10MPa	x -
10						throungout.	}	H	w			Heavily fractured quartz vein with clay infilling	
F	REMARK	S <u>D</u> e	tail	ed defe	t de	scriptions are shown on Form GEOT533/8 attac	hed.	-				LOGGED BY JA	



FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No __BH034 __

SHEET __2_ of __4__

REFERENCE NO __H10582 __

PROJECT				<u>HW</u>	AY (COOROY - CURRA) SECTION A GEOTI	<u>CH</u>	NI <u>C</u>	L INVESTIGATION		 ORDINATES	
OCATION		Cut 1			SURFACE R.L. <u>179.85m</u> PLUNGE			DATE STARTED			- 1010 - 1011 - 1
					HEIGHT DATUM AHD BEARING						
OB No	•	_120/_	104/901		HEIGHT DATONI _AND _ BEARING _			DATE COMPLETED	22110	DRILLER R& DIMING	
R.L.		က္ခ	RQD ()%					INTACT DEFECT	(0	ADDITIONAL DATA	
£ (III)		SH BORING SH BORING SE DRILLING	() 70		MATERIAL	≥	RING	STRENGTH SPACING (mm)	GRAPHIC LOG	AND	(0
DEPTH (m)	2	NE N		SAMPLE	DESCRIPTION	LITHOLOGY	뿔	008	PHIC	Page 200 Annie 200 - Control (200 Annie 200 An	SAMPLES
10 169.8	85 4	CASII WASII CORE	CORE REC %	SAM		늘	USC		GRA	TEST RESULTS	SAMPLI
			100 (29)		PHYLLITE (HW): (Cont'd)	***			*****	Clay seam	
			(29)			***		<u></u>		Crushed quartz vein with clay infilling	
					10.5 - 10.8m: MW band.	***				Is(50) = 0.09MPa Is(50) = 0.04MPa	o x
		H	(0)			\approx				Heavily fractured quartz vein and	
11			. ,			***				clay seams.	

						***				Heavily fractured quartz vein and	
						***				clayey zone.	
12					Detailed defect descriptions are shown on	***					
			100		Form GEOT533/8 attached.	***					
			(7)			***				Is(50) = 0.20MPa	х

13					13.0 - 13.5m: MW band.	\approx					
						***	HW				

			100			***			***		
14			(0) 100			***			₩	Clayey crushed quartz veins	
			100		14.8 - 15.7m: MW band.	8			****	J	
						***				⊐– Clay seam	
			100			***					
15						***				Is(50) = 0.50MPa	×
						***				Is(50) = 0.30MPa	0

			100			***					
16						***		1		Crushed quartz vein	
						***			****		
163.4	40		100		PHYLLITE (MW):	***					
					Light brown, fine grained, foliated.	***					
17					Foliations are indistinct and dip at ~30°.	***				Is(50) = 0.07MPa Is(50) = 0.12MPa	UES
						***				MC = 6.4%; UCS=3.64Mpa	003
					Defects are generally close to medium spaced.	***					
			100		Prominent defect set parallel to foliation	***				MC = 7%; UCS=4.04MPa	UCS
18			100		with another set at 70°.	***					
10					Defect surfaces are typically iron stained or	***	MW				
					thinly clay infilled.	***					
			100		Occasional clay seams up to 50mm thick.	***					
10			100			***					
19						***				Is(50) = 0.24MPa	х
						***				MC = 6.4%; UCS=2.05MPa	UCS
						***				Is(50) = 0.21MPa	0
20						***					
	BKG	Detail	led defe	ct de	scriptions are shown on Form GEOT533/8 attact	ed.				LOGGED BY	
LYFIAN	W			_ ==						JA	



FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

BOREHOLE No __BH034__ SHEET __3_ of __4_ _

REFERENCE NO __H10582__

	JECT			HW/	AY (COOROY - CURRA) SECTION A GEOTE	CHN	<u>JICA</u>	<u>L INVESTIGATION</u>		ORDINATES 485052.1 E; 7081141.9	
		<u>Cut 1</u> FG58			SURFACE R.L. <u>179.85m</u> PLUNGE			DATE STARTED			
JOB					HEIGHT DATUM _AHD _ BEARING _						
PTH (m)	R.L. (m)	R IG BORING DRILLING	RQD ()%	SAMPLE	MATERIAL DESCRIPTION	ĞΥ	RING	INTACT DEFECT SPACING (mm)	5010	ADDITIONAL DATA AND TEST RESULTS	SAMPLES
20	159.85	111	KLO /II		PHYLLITE (MW): (Cont'd)	***					=
-21			100			} }}}}}}}	MW	100 CO 10		☐ Clayey crushed zone ☐ Clayey crushed zone Is(50) = 0.19MPa	
- - - -22	158.25		100		PHYLLITE (MW - SW): Pale grey, fine grained, foliated. Foliations are distinct and vary in dip from	\$\$\$\$\$\$\$				Is(50) = 0.15MPa	x -
-23			100		40 to 70°. Defects are generally medium to widely spaced. Prominent defect set parallel to foliation	} }}}}}}					
-24			100		with another set at 20°. Defect surfaces are typically thinly clay infilled or clean. 23.13 - 23.45m: High strength quartz vein.	\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$				- Brecciated/sheared zone Is(50) = 0.13MPa Is(50) = 0.29MPa	x 0
-25 25 			100		21.6 - 25.4m: Brecciated zone with prominent quartz veining.	} }}}}}}}	MW- SW			Is(50) = 0.30MPa Is(50) = 0.53MPa	x -
-27			100		Detailed defect descriptions are shown on Form GEOT533/8 attached.	} }}}}}}}				- Broken zone - Quartz vein Is(50) = 0.32MPa Is(50) = 0.37MPa	x .
- - - - 28 - - - -			100			} } } } } ! ! ! ! ! ! ! ! ! !				ls(50) = 0.24MPa ls(50) = 0.11MPa	x .
- 29			100		29.0 - 30.75m: Clayey sheared / broken zone with prominent quartz veining.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				- Sheared/broken zone	
	REMARK	S Deta	iled defe	ct de	scriptions are shown on Form GEOT533/8 attac	ned.				LOGGED BY JA	



FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

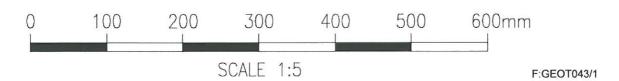
PROJECT No. F-GS-825 SURFACE RIL. 179-89m PILINGE		JECT			H <u>W</u>	AY (COOROY - CURRA) SECTION A GEOT					ORDINATES 485052.1 E; 7081141.9	
108 No												
MATERIAL DESCRIPTION 10 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10												
PHYLLITE (MW - SW): (Confd) Detailed defect descriptions are shown on Form GEO1533/8 attached. Detailed defect descriptions are shown on Form GEO1533/8 attached. SW Research Translation NGC = 2.4%, UCS-8.94MPs Research Translation NGC = 2.4%, UCS-8.94MP		(m)	R JG I BORING DRILLING	RQD ()%		MATERIAL	П		INTACT DEFECT		ADDITIONAL DATA	SAMPLES
Detailed defect descriptions are shown on Form GEOTS338 attached. SW In(SD) = 0.10MPa In(SD) = 0.10MPa X O REMARKS Detailed defect descriptions are shown on Form GEOTS338 attached. LOGGED BY	30	149.85				PHYLLITE (MW - SW): (Cont'd)	}				- Sheared/broken zone	-
Detailed defect descriptions are shown on lates at 31.72m Borehole terminated at 31.72m	E						***			15	MC = 2.4%; UCS=8.94MPa	ucs -
Borehole terminated at 31.72m Salan	31	148 13		100		Detailed defect descriptions are shown on Form GEOT533/8 attached.	}	sw			ls(50) = 0.10MPa ls(50) = 0.17MPa	
-36 -37 -38 -39 -39 -39 -39 -39 -39 -39 -39 -39 -39	-	140,13		100		Borehole terminated at 31.72m						
- 36 - 37 - 38 - 38 - 39 - 39 - 30 - 30 - 30 - 30 - 30 - 30 - 30 - 30	-32								Ŧ			-
- 36 - 37 - 38 - 38 - 39 - 39 - 30 - 30 - 30 - 30 - 30 - 30 - 30 - 30	-								1			-
- 36 - 37 - 38 - 38 - 39 - 39 - 30 - 30 - 30 - 30 - 30 - 30 - 30 - 30									‡			
TEMARKS Detailed defect descriptions are shown on Form GEOT633/8 attached. LOGGED BY	-33		9						+			-
TEMARKS Detailed defect descriptions are shown on Form GEOT633/8 attached. LOGGED BY									‡			-
TEMARKS Detailed defect descriptions are shown on Form GEOT633/8 attached. LOGGED BY	-								+			-
TEMARKS Detailed defect descriptions are shown on Form GEOT633/8 attached. LOGGED BY	E								1			-
REMARKS Detailed defect descriptions are shown on Form GEQT533/8 attached. LOGGED BY	- 34								‡			-
REMARKS Detailed defect descriptions are shown on Form GEQT533/8 attached. LOGGED BY	E								<u> </u>			-
REMARKS Detailed defect descriptions are shown on Form GEQT533/8 attached. LOGGED BY	-								Ī			
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	-35								+			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY									‡]
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	E								Ŧ			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	-36								1]
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	-								‡			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	Ė								<u> </u>			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	-								‡			=
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	-37								<u> </u>			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	-								1			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY									<u> </u>			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	38								+			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	-								1			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	-								<u> </u>			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	3-39								1			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY	3								Ŧ			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY									<u> </u>			-
REMARKS Detailed defect descriptions are shown on Form GEOT533/8 attached. LOGGED BY									‡			-
VEWANNO TELEFORM TO THE TELEFO		DEMARK	o Deta	iled defe	ct de	scriptions are shown on Form GFOT533/8 attac	hed		<u> </u>	1	LOGGED BY	L
	1	KEWAKK	2 <u>2 era</u>								-	

Borehole No: BH34 Cut 12

Start Depth: Finish Depth: Project No: 3.00m 31.72m FG5825

Project No: FG582 H No: 10582





Borehole No: BH34 Cut 12

Start Depth: 3.00m Finish Depth: 31.72m Project No: FG5825 H No: 10582

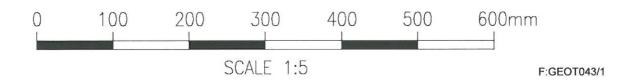




Borehole No: BH34 Cut 12

Start Depth: 3.00m Finish Depth: 31.72m Project No: FG5825 H No: 10582

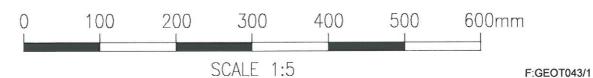




Borehole No: BH34 Cut 12

Start Depth: 3.00m Finish Depth: 31.72m Project No: FG5825 H No: 10582





GEOTECHNICAL BRANCH LABORATORY

Materials Services - Brisbane 35 Butterfield Street, HERSTON Q 4006 Phone: (07) 3115 3035 Fax: (07) 3115 3011



DEFECT DESCRIPTIONS OF ENGINEERING BORELOGS

[CHARACTERISATION OF DEFECTS ARE IN ACCORDANCE WITH ISRM SUGGESTED METHODS (1981)]

 BOREHOLE NO.:
 BH34

 SHEET:
 1 of 5

 REFERENCE NO.:
 H10582

Bruce Highway (Cooroy – Curra) Section A Geotechnical Investigation

LOCATION: Cut 12

PROJECT NO.: FG5825 SURFACE R.L.: 179.9 DRILLER: R & D Drilling

JOB NO.: 128/10A/901 DATUM: MGA94 DATE DRILLED: 21/7/09

DEPTH	DEFECT TYPE	DIP°	PLANARITY	ROUGHNESS	APERTURE	WALL ALTERATION	OTHER
3.22	J	70°	PI	S	0		Cn
3.22	J	Subvertical	PI		С	FeSt	
3.33	J	10°	lr		С	FeSt	
4.20	J	70°	PI		С		CI
4.42	J	30°	PI	S	0		Cn
4.43	J	30°	PI	S	0		Cn
4.50	J	30°	PI	S	0		Cn
4.60	J	10°	lr	R	T		Cn
4.74	J	60°	PI	S	0		CI
5.55	J	30°	PI		С		CI
5.58	J	70°	PI		С		CI
5.63	J	30°	PI		С		CI
5.92	J	70°	PI	S	Т	FeSt	
6.22	J	50°	PI	SR	0		Cn
6.42	J	30°	PI	S	0	FeSt	
6.44	J	60°	PI		С		CI
6.47	J	30°	PI	R	0		Cn
6.55	J	30°	PI	S	0	FeSt	

Abbreviations (as per E: GEOT 017/5 - 2009)

	ROUGHNESS		WALL ALTERATIONS		TYPE		OTHER
R	Rough	FeSt	Iron Stained	J, Js	Joint, Joints	CI	Clay Infill
Sr	Slightly Rough	W	Weathered	В	Bedding	CLy	Clayey
S	Smooth	Smn	Secondary Mineralisation	BP	Bedding Parting	Со	Coal Seam
SL	Slickensided	Cn	Clean	FP	Foliation Parting	Carb	Carbonaceous
РО	Polished	MnSt	Manganese Stained	LP	Lamination Parting	SI	Sand Infill
	PLANARITY		APERTURE	CLV	Cleavage	QZ	Quartz
PI	Planar	С	Closed	Fr	Fracture	CA	Calcite
St	Stepped	0	Open	SZ	Sheared Zone	Chl	Chlorite
Un	Undulating	F	Filled	CZ	Crushed Zone	In	Incipient
Cu	Curved	T	Tight	BZ	Broken Zone	Int	Intersecting
lr	Irregular			HFZ	Highly Fractured Zone	Lam (s)	Lamination (s)
				WS	Weathered Seam	Di	Drilling Induced
				Vn	Vein	Н	Horizontal
						V	Vertical

NOTE: This sheet should be read in conjunction with appropriate Engineering Borelog. Defect angles were measured with respect to horizontal plane.

 BOREHOLE NO.:
 BH34

 SHEET:
 2 of 5

DEPTH	DEFECT TYPE	DIP°	PLANARITY	ROUGHNESS	APERTURE	WALL ALTERATION	OTHER
6.64	J	80°	PI		С	FeSt	
6.76	J	30°	PI	S	T	FeSt	
7.06	J	20°	lr	R	0	FeSt	Name of the second
7.11	J	10°	PI	S	Т	FeSt	
7.16	J	10°	PI	S	Т	FeSt	
7.20	J	10°	PI	S	Т		
7.40	J	80°	PI	S	Т	FeSt	
7.47	J	20°	lr	S	0	FeSt	
7.54	J	20°	lr.	R	0	FeSt	
7.63	J	10°	lr .	R	. 0	FeSt	
7.87	J	10°	lr	R	T	FeSt	
7.92	J	10°	PI	S	0	FeSt	
7.97	J	30°	PI	S	0	FeSt	
8.03	J	30°	PI		С		CI
8.05	J	30°	PI		С	FeSt	
8.07	J	30°	lr		С		CI
8.25	J	Subvertical	PI	S	0	FeSt	
8.28	J	30°	PI	S	0	FeSt	
8.33	J	30°	PI		С		CI
8.33	J	80°	PI		С		CI
8.42	J	30°	PI	S	0		CI
8.45	J	30°	PI		T		CI
8.75	J	10°	lr .	R	T		
9.36	J	Subvertical	lr .		С		CI
9.50	J	10°	PI	SR	Т		
9.62	J	10°	Ir	R	Т		
9.71	J	30°	PI	S	0		Cn
9.8	J	50°	PI	S	T		CI
10.61	J	20°	PI	SR	0	FeSt	500000
10.71	J	10°	lr	SR	Т	FeSt	
11.26	J	45°	PI	S	0	FeSt	
11.30	J	Subvertical	Cu		С		CI
11.65	J	Subvertical	Ir	S	Т	FeSt	
11.95	J	10°	Pl	R	0	FeSt	
11.97	J	60°	PI	S	Т		CI
12.12	J	60°	PI		С		CI
12.17	J	60°	PI		С		
12.25	J	45°	PI	S	0	FeSt	
12.27	j	Subvertical	lr .	S	T		Cn
12.45	J	Subvertical	lr	S	ī	FeSt	
12.80	J	Subvertical	lr	S	Т	FeSt	
13.00	J	45°	PI	S	Т	FeSt	
13.29	J	60°	PI	SR	0	FeSt	
13.35	J	Subvertical	Cu	S	Т	FeSt	
13.61	J	10°	lr .	R	T		
14.39	J	50°	PI		С	FeSt	
14.52	J	60°	PI	S	0		CI
14.61	J	45°	PI	S	0	FeSt	
14.64	J	45°	PI	S	0		CI
14.67	J	45°	PI	S	0		CI
14.69	J	80-90°	PI	S	С		CI
14.82	j	45°	PI	R	0		Cn
15.12	J	20°	PI	R	0	FeSt	
15.24	J	45°	PI		T		
15.38	j	20°	PI	R	С		i in
15.45	J	50°	PI		С		CI
15.58	J J	70°	PI	S	0	FeSt	

BOREHOLE NO.: BH34

SHEET: 3 of 5

DEPTH	DEFECT TYPE	DIP°	PLANARITY	ROUGHNESS	APERTURE	WALL ALTERATION	OTHER
16.25	J	70°	PI	S	0	FeSt	
16.29	J	70°	PI	S	С		
16.46	J	60°	PI	S	0		Cn
16.50	J	20°	PI	S	С		CI
16.58	J	10°	PI	S	С	FeSt	
16.61	J	10°	PI	S	С	FeSt	
16.66	J	20°	PI	SR	0	FeSt	
16.76	J	60°	PI		С		CI
16.87	J	20°	PI		С		
16.94	J	20°	lr	R	0	FeSt	
17.22	J	40°	Pl	S	0	FeSt	
17.29	J	10°	Pl		С		
17.40	J	10°	PI		С		
17.49	J	10°	PI	S	0	FeSt	
17.52	J	10°	Pl	S	0	FeSt	
17.76	J	60°	PI	S	0	FeSt	
17.80	J	30°	PI	S	0	FeSt	
17.88	J	30°	PI	S	0	FeSt	
18.00	J	60°	PI	S	С	FeSt	
18.02	J	30°	PI	S	С	FeSt	
18.10	J	30°	PI	S	0	FeSt	
18.30	J	20°	PI		С		
18.30	J	60°	PI	S	0	FeSt	
18.35	J	80-90°	PI	S	0	FeSt	
18.40	J	80-90°	lr Ir	S	0	FeSt	
18.50	J	80-90°	lr		0		CI
18.59	J	80°	PI		С		CI
18.67	J	45°	PI	S	С	FeSt	
19.20	J	45°	PI	S	0	FeSt	
19.37	J	45°	PI	S	0	FeSt	
19.39	J	45°	PI	S	С	FeSt	
19.56	J	80-90°	PI	S	0	FeSt	
19.63	J	10°	PI	S	0	FeSt	
19.65	J	60°	PI	S	0	FeS†	
19.84	J	60°	PI	S	0	FeSt	
19.94	J	60°	PI	S	0	FeSt	
20.10	J	10°	PI	SR	0	FeSt	
20.20	J	60°	PI	S	0	FeSt	
20.37	J	20°	PI	S	0	FeSt	
20.66	J	10°	lr	SR	0		CI
20.70	J	10°	lr	R	С	FeSt	
20.70	J	20°	PI		С		
20.83	J	20°	PI	S	0	FeSt	
20.87	J	20°	PI	S	0	FeSt	
20.91	J	20°	PI	S	0	FeSt	
	J	20°	PI	S	0	FeSt	
21.01	J	20°	PI	S	0	FeSt	
21.04	J	20°	PI	S	0	FeSt	
21.06	j	20°	PI	S	0	FeSt	
21.07	J	20°	PI	S	0	FeSt	
21.09	J	20°	Pl	S	0	FeSt	1
21.13			PI	S	0	FeSt	
21.15	J	20°	PI PI	S	0	FeSt	
21.21	J	10°	PI	S	0	FeSt	-
21.34	J			SR	0	1631	Cn
21.80	J	60°	lr Di	24	C		
22.17	J	45°	PI				CI
22.23	J	65°	PI		С	L	CI

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DEPTH	DEFECT TYPE	DIP°	PLANARITY	ROUGHNESS	APERTURE	WALL ALTERATION	OTHER
22.27	J	50°	PI		С		
22.56	J	45°	PI	100000000000000000000000000000000000000	С		CI
22.66	J	45°	lr .	R	С		
22.71	j	30°	St		С		
22.76	J	30°	lr .	SR	0		Cn
23.17	J	20°	PI		С		CI
23.22	J	10°	PI		С		CI
23.25	J	20°	PI		С		CI
23.31	J	30°	PI		С		CI
23.32	J	30°	PI		С		CI
23.34	J	30°	PI		С		CI
23.39	J	20°	PI		С		CI
23.46	J	10°	lr		С		CI
23.57	J	30°	PI	S	0		CI
23.70	J	30°	PI		С		
23.73	J	30°	PI		С		
23.75	J	70°	Pl	R	0		Cn
23.8	J	45°	lr	SR	0		CI
23.93	J	30°	PI	S	0		Cn
24.03	J	30°	Pl	S	0		CI
24.06	J	30°	PI	SR	0		Cn
24.12	J	30°	lr	S	0		Cn
24.19	J	30°	Ir	S	0		Cn
24.32	J	30°	PI	SR	0		Cn
24.40	J	10°	Un	R	0		Cn
24.99	J	30°	lr	SR	0		Cn
25.05	J	10°	lr	R	С		
25.71	J	60°	PI	S	С	FeSt	
25.73	J	30°	PI		С		CI
25.80	J	70°	PI	S	0	FeSt	
25.85	J	70°	PI	S	0	FeSt	
25.88	J	10°	lr	SR	0		Cn
26.00	J	20°	PI		С		CI
26.00	J	70°	PI		С		CI
26.07	J	45°	PI	S	0		CI
26.50	J	30°	PI		С		CI
26.55	Ĵ	60°	PI		С		CI
26.67	J	20°	lr .	R	0		Cn
26.80	Ĵ	60°	PI		С		Qz
26.89	J	50°	PI		С		CI
26.93	j	30°	PI		С		Cn
26.97	J	10°	Un		С		Cn
26.98	J	30°	PI		С		CI
27.14	J	30°	PI		С		
27.31	J	30°	lr	R	0		Cn
27.44	J	60°	PI	S	0		Cn
27.48	J	45°	PI	S	0		Cn
27.56	J	30°	Pl		С		
27.95	J	30°	PI	S	0		Cn
28.34	J	60°	PI		С	SKREDOMEN	
28.53	J	60°	PI	1000	С		CI
28.65	J	10°	St		С		Cn
29.00	J	70°	PI	111111111111111111111111111111111111111	С	N. Morris	CI
29.03	J	70°	PI	SR	0		CI
29.11	J	10°	PI	SR	0		CI
29.20	J	10°	PI	SR	0		CI
29.24	J	10°	PI	SR	0	1	CI

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DEPTH	DEFECT TYPE	DIP°	PLANARITY	ROUGHNESS	APERTURE	WALL ALTERATION	OTHER
29.27	J	10°	PI	SR	0		CI
29.29	J	10°	PI		С		CI
29.32	J	30°	PI		С		CI
29.41	J	30°	PI		С		CI
29.45	J	30°	PI		С		CI
29.49	J	30°	PI		С		CI
29.52	J	45°	PI		С		CI
29.53	J	80-90°	lr .	R	С		CI
29.57	J	30°	PI		С		CI
29.81	J	30°	PI	S	0		CI
29.94	J	45°	PI		С		CI
30.03	J	30°	PI	S	0		Cn
30.03	J	70°	PI	S	0		Cn
31.00	J	20°	PI	SR	0		Cn
31.08	J	30°	PI	R	0		Cn
31.16	j	40°	PI	S	0		Cn
31.24	J	30°	PI	S	0		Cn
31.32	J	50°	PI	S	0		Cn
31.41	J	50°	PI		С		
31.59	J	10°	PI	SR	0		Cn