

015018

EA 81-X-01

CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: May 3, 1981

Hole Number: FA 81-X-01

Reference Fabric Orientation Diagram:

Project: DY

Location: YANGORDA PLATEAU

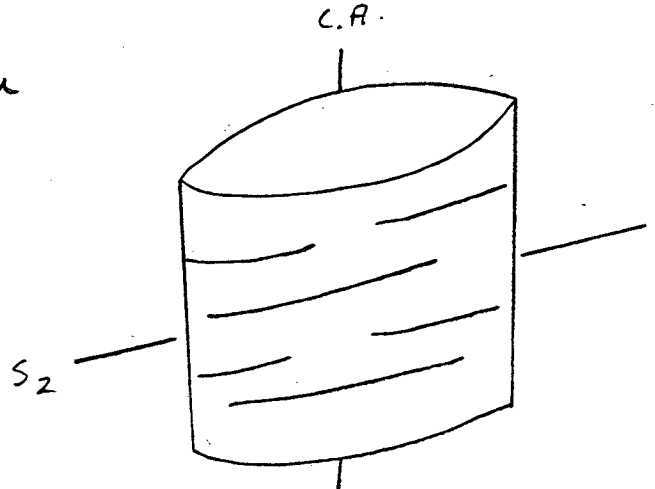
Claim: DY 144

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords: L 16 + 50 E

850 S



All symmetry determinations looking

Elevation: _____

NW with S2 dipping

Total Depth: 995.9 m

SW with dip azimuth 185.

Purpose: Extend High grade zone of 80-X-10

Reason hole Terminated: Shutdown Rock, Mt. Myc.

Logged by: BYH, CAG

Date(s) Logged: April 15 to May 8th

Drilling Contractor: Arctic

Size	CORE From	To	Collar Cased and Capped: _____
NQ	0	438.9	
BQ	438.9	995.9	

Hole Cemented: yes bottom 600m

Steel down hole: no

Started: April 8, 1981 Completed: May 6, 1981

Lithologic Log

Date: 20/4/81 Logged By: BVH

Core	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1100	12147	11	111	1*1	O.B. no core
L	12147	12173	11	112	15D135	relatively undeformed, calcareous laminations:
L	12173	12197	11	113	15C131	green chloritic flakes disseminated throughout, possible chlorite-quartz amygdalae.
L	12197	13154	11	114	15D135	same as #2
L	13154	13162	11	115	15C131	gradational with #4 in appearance has speckled texture indicative of SC, more foliated though, contact with #4 relatively sharp
L	13162	14194	11	116	15C431	typical SC, minor secondary quartz veins, some containing epidote.
L	14194	15165	11	117	15C101	foliation variable, becoming more foliated towards the south perhaps different flows.
L	15165	16117	11	118	15C131	
L	16117	17126	11	119	15C101	
L	17126	18123	11	110	15C131	patches of darker rock. minor porphyroblasts of py. euhedral in shape.
L	18123	18165	11	111	15C101	paler green in colour, appears to be coarser grained, perhaps a sill.
L	18165	18199	11	112	15C131	
L	18199	19144	11	113	15C101	paler green in colour.
L	19144	110126	11	114	15C131	
L	110126	110177	11	115	15C101	dark green in colour, perhaps ultramafic in composition. dark green mottled texture, somewhat foliated. py only
L	110177	110199	11	116	15D135	similar to #2.
L	110199	11102	11	117	15D101	laminated with bands of kaolinized plagioclase phenocrysts, appears to be a crystal mass.
L	11102	11105	11	118	15D101	typical 5D.

Lithologic Log

Date: 28/4/81 Logged By: BVH

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	11110	5	11111	0	11	11	119		15D101		same as #17, looks like a fold repeat.
L	11111	6	11112	5	11	11	120		15D131		similar to unit #2
L	11112	5	11112	9	11	11	121		15D101		similar to #17
L	11112	9	11114	3	11	11	122		15D131		similar to unit #2 more banded toward the footwall
L	11114	3	11114	9	11	11	123		15B101		
L	11114	9	11116	9	11	11	124		15B1713		gradational to S03, especially at the footwall.
L	11116	9	11118	7	11	11	125		15D1315		
L	11118	7	11210	5	11	11	126		15D101		not laminated.
L	11210	5	11212	3	11	11	127		15D1315		same as #24, zone of a hanging wall.
L	11212	3	11213	8	11	11	128		15D101		less laminated than #27.
L	11213	8	11412	6	11	11	129		15B101		py only
L	11412	6	11413	2	11	11	130		15B1213		gradational with S03
L	11413	2	11713	4	11	11	131		15B101		py only
L	11713	4	11713	5	11	11	132		15B101		gouge zone
L	11713	5	11811	7	11	11	133		15B101		
L	11811	7	11811	8	11	11	134		15B101		gouge zone
L	11811	8	12112	1	11	11	135		15D101		py only
L	12112	1	12112	4	11	11	136		15D101		quartz-ankerite veins, quartz occupying the center, possibly this zone may be the product of a local metamorphism.
L	12112	4	121317	7	11	11	137		15B101		py only
L	121317	7	121317	9	11	11	138		15B101		gouge.
L	121317	9	121513	5	11	11	139		15B101		py only
L	121513	5	121514	1	11	11	140		15D131		conts very sharp, appears to be a sedimentological structure.
L	121514	1	121618	5	11	11	141		15B101		large py porphyroblasts
L	121618	5	121710	7	11	11	142		15B161		py only
L	121710	7	131017	3	11	11	143		15B101		abundant gtz veins of metamorphic origin, some chloritic patches surrounding the quartz veins.
L					11	11					py > po, minor po, usually in small grains

Lithologic Log

Code	From		To		Recov.		No.		Unit	Description	
	10	14	16	20	22	24	26	28			30
L	1310	173	1310	188	11	11	1414	1518	161		
L	1310	188	1311	118	11	11	1415	1518	101		
L	1311	118	1311	124	11	11	1416	1518	101	zone of broken core and gouge	
L	1311	124	1312	128	11	11	1417	1518	101		
L	1312	128	1313	189	11	11	1418	1518	101	slightly calcareous, calcareous bands becoming less frequent.	
L	1313	189	1313	192	11	11	1419	1510	101	metamorphic quartz veins present, chloritic patches, may be a result of this quartz veining, gouge zone at footwall.	
L	1313	192	1314	119	11	11	1510	1518	101	slightly calcareous.	
L	1314	119	1314	120	11	11	1511	1518	101	py only	
L	1314	120	1314	128	11	11	1512	1518	101	gouge zone.	
L	1314	128	1314	135	11	11	1513	101	101	vein with chloritic surrounding	
L	1314	135	1314	152	11	11	1514	1518	101	py only	
L	1314	152	1314	153	11	11	1515	1518	101	gouge zone	
L	1314	153	1314	185	11	11	1516	1518	101		
L	1314	185	1314	195	11	11	1517	1518	131	metamorphic quartz veins	
L	1314	195	1315	150	11	11	1518	1518	101	py only.	
L	1315	150	1315	154	11	11	1519	1518	131	footwall and hanging walls fairly sharp.	
L	1315	154	1315	182	11	11	1610	1518	101		
L	1315	182	1315	185	11	11	1611	1518	131	same as # 59.	
L	1315	185	1315	192	11	11	1612	1518	101		
L	1315	192	1316	126	11	11	1613	1518	101	zone of broken core and gouge, appears to be pre-D ₂ .	
L	1316	126	1316	172	11	11	1614	1518	101		
L	1316	172	1317	102	11	11	1615	1518	161	darker in colour than # 63, due to lack of carbonate.	
L	1317	102	1317	106	11	11	1616	1518	101	py only	
L	1317	106	1317	109	11	11	1617	1518	213	quartz - antezite vein, multiple stage	
L	1317	109	1317	197	11	11	1618	1518	101		
L	1317	197	1318	102	11	11	1619	1518	131	py = po, minor gtz = carbonate veins calcareous matrix, abundant secondary gtz	

Code	From	To	Recov.	No.	Unit	Description
	10 14 16	20 22 24	26 28	30 34 35		
						veins, possibly metamorphic.
L	131810	131811	6	170	151B101	broken core and gauge
L	131811	131814	1	171	151B101	gradational with SB73, py only
L	131814	131816	1	172	151B101	slightly calcareous, gradational with SB6, py only.
L	131816	141210	6	173	151B101	py > po, minor qz - ct veins ↳ px mantling py
L	141210	141212	3	174	151B161	common qtz - carbonate - chlorite veins, secondary. py > po, po mantling py.
L	141212	141213	7	175	151B101	py
L	141213	141215	0	176	151B101	interbands of SD, associated with qtz veins, possibly metamorphic
L	141215	141317	1	177	151B101	po = py
L	141317	141319	8	178	151B161	po > py reduced at 440.4 to Bp
L	141319	141419	1	179	151B101	po > py (po rims py);
L	141419	141510	0	180	151D161	sharp upper contact; lower contact marked by qz-vein; common qtz-carb vein
L	141510	141514	9	181	151B101	po > py
L	141514	141518	5	182	151B161	py only, common qz-carb veins.
L	141518	141519	3	183	151B101	py only;
L	141519	141613	9	184	151B161	po > py; common non-calc silty lam's
L	141613	141813	0	185	151B101	py > po; (po rims py); COMMON LIGHT GREY SILTY LAM THROUGH MOST OF UNIT; 473.7 - 475.0 - QZ VEIN WITH ^{SOME} ASS'D SDG.
L	141813	141818	0	186	151D116	INTERCALATED CHLORITIC AND LIGHT GREY "SILTY" LAM'S - DOMINANT; SOME CALC. SET-IONS; SHARP UPPER AND LOWER CONTACTS; SD AT LOWER CONTACT;
L	141818	141911	9	187	151B161	COMMON SILTY LAMS;
L	141911	141914	4	188	151D161	gradational with SB8 at hanging wall ~ 0.5m, typical SD, no sulphide phenocrysts

Lithologic Log

Date: 2/5/81 Logged By: CAC/BYH

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	141914	4	141919	1	1	1	189	151B101			contact gradational over 0.1m with #87, py-mantling py, py > po, minor SB2 bands ~ 3cm wide, gradational with SB2
L	141919	1	151010	6	1	1	1910	151B161			Common GRAPHITIC PARTINGS; PY ONLY GENERALLY DK. GREY
L	151010	6	151012	0	1	1	1911	151B101			very minor SB2 bands, py > po
L	151012	0	151012	7	1	1	1912	151D161			patchy chlorite portions,
L	151012	7	151013	2	1	1	1913	151D131			abundant WHITE CALCITE, PINK SIDERITE(?) AND DK. BROWN FINE GRAINED SPECS THROUGHOUT;
L	151013	2	151013	9	1	1	1914	151C131			DK GREEN; ABUNDANT FINE FOLIATED PINK SIDERITE SPECS; SHARP CONTACT BETWEEN UNITS OF VERY FINE & FINE SPECS @ 503.5m; SHARP UPPER & LOWER CONTACTS;
L	151013	9	151014	7	1	1	1915	151D161			TYPICAL
L	151014	7	151117	2	1	1	1916	151B101			GENERALLY FEWER SILTY BANDS THAN ABOVE; PO > PY; LOWER CONTACT GRADATIONAL OVER 3 CM;
L	151117	2	151212	1	1	1	1917	151D161			COMMON BRECCIATED CT-QZ VEINS;
L	151212	1	151215	1	1	1	1918	151B161			COMMON QZ-CT VEINS; NO SULPHIDES

Lithologic Log

Date: 3/5/91 Logged By: GAG, BVH

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	151251	151677	11	109	51B01	P0 > PY; COMMON SILTY BANDS THROUGHOUT;
L	151677	151685	11	1010	51D131	HOMOGENEOUS, FOLIATED; BOTH CONTACTS SHARP
L	151685	151770	11	1011	51B01	SPARSE PY; SOME INTERCALATED SD6 TOWARD BASE
L	151770	151788	11	1012	51B161	5B6 WITH ABUNDANT Gouge
L	151788	151996	11	1013	51B01	BECOMING DARKER THAN ABOVE UNITS; ABUNDANT QZ-CR. VEINS PY > P0
L	151996	161024	11	1014	51B31	Gouge HIGHLY BROKEN IN CONTACT WITH SOME GOUGE; 0.8m RECOVERY
L	161024	161043	11	1015	51B01	AS UNIT 102;
L	161043	161053	11	1016	51B713	SOME CARBONACEOUS BANDS;
L	161053	161088	11	1017	51D31	GENERALLY WELL BANDED; 605.8 - 606.7
						HOMOGENEOUS, MOD. CHLORITIC GRITTY ZONE NOT GENERALLY LIKE TYPICAL SD;
L	161088	161110	11	1018	51B713	VARIABLE PROPORTIONS OF CHLORITE
L	161110	161138	11	1019	51D31	TYPICAL; BOTH CONTACTS GRADE OVER 0.2m;
L	161138	161151	11	1110	51B211	(5B2176) HIGHLY CARBONACEOUS & CHLORITIC AT HANGING WALL, DECREASING TO FOOTWALL; INCREASINGLY SILICEOUS TOWARD FOOTWALL; P0 > PY; IS REALLY SD2
L	161151	161181	11	1111	51B161	P0 > PY; LOCALLY ABUNDANT CARBONACEOUS BANDS;
L	161181	161185	11	1112	51B211	(5B216); MINOR CHLORITIC LENSES; SHARP CONTACT
L	161185	161196	11	1113	51B116	FOOTWALL CONTACT GRADES OVER 0.5m;
L	161196	162132	11	1114	51B211	(5B2167) BECOMES VERY SILICEOUS TOWARD FOOTWALL;
L	162132	162139	11	1115	101D219	(9 = MONTMORILLANITE); HANGING WALL CONTACT MARKED BY QZ-VEIN; FOOTWALL CONTACT GRADES OVER 3cm
						HIGHLY SILICEOUS; NON-CALC;
L	162139	162150	11	1116	101D217	MOD. SILICEOUS; V. CALC; ABUNDANT PHENOCRYSTS -> PLAG 20%; QZ 5% (?) BIO-...% - INCREASING TOWARD FOOTWALL; FOOTWALL CONTACT GRADES OVER 0.1m

Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	161250		161275		11	117	10D219	V. SILICEOUS; CALCAREOUS; 2% ZONED 0.5-2cm PLAG PHENOS IN MED CRYSTALLINE (0.5-1mm) QZ-PLAG-CHLORITE (AMPHIBOLE?) MATRIX A POOR (D ₅ ?) FOLIATION DEVELOPED LOCALLY-OTHERWISE HOMOGENEOUS AS ARE THE OTHER ^{10D} DIKE UNITS; FOOTWALL CONTACT GRADATIONAL OVER 0.3m;		
L	161275		161301		11	118	10D218	(10D287); SIMILAR TO UNIT 115; MOD. SIL.; CALCAREOUS; FOOTWALL CONTACT MARKED BY CALCITE VES V. SIL. AT FOOT WALL;		
L	161301		161330		11	119	5B173	CHLORITE AS STREAKS AND IN FRACTURE GENERALLY V. SOFT IN CONTRAST TO UNIT 113 ON HANGING WALL OF 10D DIKE - POSS INDICATES UNIT 117-118 CONTACT IS FAULTED;		
L	161330		161344		11	120	5B176	GENERALLY SLIGHTLY TO MOD BRECCIATED - <u>CRACKLE BRECCIA</u> INFILLED WITH QZ-CB-CHLORITE; ^{POSS. FAULT} NOTE LACK OF PY-PD THROUGH THESE UNITS; SUGGESTS BRECCIA IS POST D ₂		
L	161344		161353		11	121	5B123	(5B231) - GENERALLY MOD <u>CRACKLE</u> <u>BRECCIA</u> ; COMMON ROUNDED BLACK V. SIL. CLASTS - <u>POSS. RIP-UPS</u>		
L	161353		161397		11	122	5B217	(5B276) SOME CRACKLE BRECCIA TOWARD HANGING WALL; PD >> PY;		
L	161397		161690		11	123	5B213	OCCASSIONAL MOD SIL ROUNDED BLACK CLASTS - <u>POSS. RIP-UPS</u> ; PD >>> PY		
L	161690		161712		11	124	5B126	ABUNDANT CREMULATED SILTY FINE BANDS; PD 0.1		
L	161712		161716		11	125	5B213	AS UNIT 121; PD >> PY		
L	161716		161717		11	126	5A131	GRAPHIC BROWN CORE <u>FAULT?</u>		
L	161717		161718		11	127	5B213	AS UNIT 121;		
L	161718		161834		11	128	5B216	APPROACHING FA ^{DO ST}		

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L	1618	134	1618	153	11	11	1129	11	51B1213	AS UNIT 121 BUT INCREASINGLY CARBONACEOUS; Po only
L	1618	153	1618	160	11	11	1130	11	51B1216	AS UNIT 126;
L	1618	160	1618	185	11	11	1131	11	51B1213	AS UNIT 127; Po only
L	1618	185	1619	112	11	11	1132	11	51A113	COMMON DARK SILTY BANDS.
L	1619	112	1619	164	11	11	1133	11	51B1216	AS UNIT 126;
L	1619	164	1619	166	11	11	1134	11	51B1213	Gouge Zone Po only
L	1619	166	1619	178	11	11	1135	11	51B1213	AS UNIT 127; Po only
L	1619	178	1710	129	11	11	1136	11	51B116	COMMON MED. GRAY SILTY FINE BAND SEVERAL QZ-CLAY VEINS; Po only
L	1710	129	1711	108	11	11	1137	11	51B1213	AS UNIT 127; Po only
L	1711	108	1711	127	11	11	1138	11	51D131	HOMOGENEOUS TO MOD FOLIATED; DISRUPTED VEIN MATERIAL(?) GIVES BLOTCHY APPEARANCE LOCALLY; BOTH CONTACTS GRADE OVER 0.1M IN ALTERNATING BANDS/STREAKS; Po only
L	1711	127	1711	156	11	11	1139	11	51B10	SOMEWHAT MORE CARBONACEOUS THAN TOP OF HOLE; Po only
L	1711	156	1711	195	11	11	1140	11	51B1213	AS 137 WITH COMMON CARBON STREAKS AND BANDS; ABUNDANT QZ VEINING TOWARD BASE OF UNIT; Po only
L	1711	195	1723	19	11	11	1141	11	51B112 (51B123)	AS UNIT 138 - more SILICEOUS - GRADATIONAL WITH 138; Po only
L	1723	19	1723	145	11	11	1142	11	51A113	WITH COMMON MED GRAY "SILTY" STREAKS; Po only
L	1723	145	1723	178	11	11	1143	11	51B61	~1% PØ; SOME CHLORITE; COMMON WHITE SILTY STREAKS; APPEARANCE OF AL LOCALLY; NOTE ASSOCIATION OF PØ AND CHLORITE; Po only
L	1723	178	1731	166	11	11	1144	11	1A1B10	VARIES FROM GOOD TO POOR AL WITH ASS'D 5B6 - PROBABLY AL OVERPRINTING 5B6; ABUNDANT SERICITE AND COMMON PYROPHORITE THROUGHOUT; BOTH CONTACTS GRADATIONAL OVER 0.4m Po only

Lithologic Log

Date: 5/8/81

Logged By: SAG/BSVH

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	17.3166	17.3183	11	145	5A113	AS UNIT 140; Po only
L	17.3183	17.3190	11	146	5B213	1-2cm SILTY BANDS WITH
	111	111	11	11	1111	COMMON ^{INTERCALATED} CARBONACEOUS BANDS;
	111	111	11	11	1111	Po only
L	17.3190	17.3197	11	147	5A131	AS UNIT 144 WITH MORE CARBONATED
	111	111	11	11	1111	MATERIAL; Po only
L	17.3197	17.422	11	148	5A113	ABUNDANT SILTY BANDS, COMMON
	111	111	11	11	1111	PO, SOME CHLORITE; Do only
L	17.422	17.425	11	149	5D19	HIGHLY FOLIATED
L	17.425	17.448	11	150	5A113	BLACK, FEW SILTY BANDS; Po only
L	17.448	17.460	11	151	5B216	STREAKY SILT-CARBON THROUGHOUT;
	111	111	11	11	1111	Po only
L	17.460	17.467	11	152	5A161	BLACK WITH INCREASING SILTY
	111	111	11	11	1111	BANDS TOWARD FOOTWALL;
	111	111	11	11	1111	FOOTWALL CONTACT GRADATIONAL OVER
	111	111	11	11	1111	0.3m;
L	17.467	17.499	11	153	5B216	AS UNIT 149; Po only
L	17.499	17.507	11	154	5A131	AS UNIT 145;
L	17.507	17.515	11	155	5D131	WELL FOLIATED, COMMON VEIN MATERIAL
	111	111	11	11	1111	SHARP HANGINGWALL & FOOTWALL CONTACTS
	111	111	11	11	1111	
L	17.515	17.527	11	156	5B173	SOME SILTY BANDS;
L	17.527	17.569	11	157	5B217	(SB273) ABUNDANT SILT BANDS; Po only
L	17.569	17.577	11	158	5B19	AS 155 WITH MORE SILT;
L	17.577	17.586	11	159	5B213	SOME CHLORITE; COMMON SILTY BANDS;
	111	111	11	11	1111	
L	17.586	17.642	11	160	5A161	COMMON MED TO DK GRAY SILTY BANDS;
	111	111	11	11	1111	PO = PY
L	17.642	17.644	11	161	5A161	BROKEN CORE - [FAULT?] - V. GRAPHITIC
L	17.644	17.682	11	162	5A116	BLACK WITH SOME SILTY BANDS;
L	17.682	17.704	11	163	5B10	APPROACHING SB23; Do only
L	17.704	17.711	11	164	5B213	COMMON MED-DK GRAY SILTY BANDS
	111	111	11	11	1111	INTERCALATED WITH CARBONACEOUS BANDS
	111	111	11	11	1111	
L	17.711	17.767	11	165	5B162	AS 162 BUT NON-CALC; Po only
L	17.767	17.804	11	166	5A161	AS UNIT 158; Po only

Lithologic Log

Date: 5/5/81 Logged By: GAG/BVH

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	171810 4	171812 8	11	1167	51B16	ALTERNATING MED TO DK GRAY SILTY BANDS WITH CARBONACEOUS STREAKS; Po only
L	171812 8	171813 7	11	1168	51B162	ABUNDANT SILTY BANDS;
L	171813 7	171815 9	11	1169	51B161	AS UNIT 166 WITH MOD. TO LOW CARBON; Po only
L	171815 9	171915 6	11	1170	51B162	AS UNIT 166 WITH SHORT SECTIONS OF LOW CARBON MATERIAL (SBC); Po >> Py
L	171915 6	181047	11	1171	51B16	ABUNDANT ^{ALTERNATING} MED TO DK GR FINE GRAINED TO SILTY BANDS AND STREAKS WITH COMMON CARBONACEOUS PARTINGS; Po only
L	181047	181048	11	1172	51B16	<u>GOUGE</u>
L	181048	181179	11	1173	51B161	AS UNIT 169; Po only
L	181179	181183	11	1174	51A161	VARIABLY SILICEOUS; BRECCIATED IN PARTS;
L	181183	181190	11	1175	51B16	<u>GOUGE</u> AT HANGING WALL; CONTORTED FOLIATIONS AND BRECCIATED IN PARTS;
L	181190	181197	11	1176	51B16	<u>BRECCIA</u> - TECTONIC WITH SEVERELY ROTATED ANGULAR SBC2 CLASTS; HANGING WALL AND FOOTWALL CONTACTS GRADATIONAL OVER 0.1m; THIS BRECCIATION IS LATE OR POST D ₂ AS EVIDENCED BY THE PRESENCE OF S-FOLDS (↪) IN ROTATED CLASTS; Po only
L	181197	181209	11	1177	51B162	COMMON DK GRAY SILTY BANDS;
L	181209	181271	11	1178	51B161	INCREASINGLY CARBONACEOUS TOWARD FOOTWALL; Po only
L	181271	181277	11	1179	41E1618	BARITE NOT SEEN BUT SUGGESTED BY BLACK BURNS; HANGING WALL CONTACT MARKED BY ^{6cm} QTZ VEIN; FOOTWALL CONTACT SHARP AND MARKED BY SMALL FLAME-LIKE STRUCTURES;
L	181277	181279	11	1180	41D01	CRUDELY BANDED; COMMON STREAKS OF CARBON;

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Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	1812	179	1812	188	11	1811	A1A01	HIGHLY PYRITIC; MINOR CHALCOPYRITE AND SPHALERITE; HANGINGWALL CONTACT SHARP; FOOTWALL CONTACT GRADUAL OVER 5cm;		
L	1812	188	1812	192	11	1812	A1A19	TOTAL SULPHIDES ~15%; LOW PYRITE; FOOTWALL CONTACT SHARP, FOLIATION UNCONFORMABLE;		
L	1812	192	1813	129	11	1813	A1L10	COMMON PΦ;		
L	1813	129	1813	133	11	1814	A1L14	SPHALERITE ~5%; MINOR CHALCOPYRITE;		
L	1813	133	1813	137	11	1815	A1L19	SIMILAR TO 182 WITH ~3% PΦ, MINOR SPHALERITE & CHALCOPYRITE;		
L	1813	137	1813	145	11	1816	A1L10	AS UNIT 181;		
L	1813	145	1813	147	11	1817	A1L17	<1% CHALCOPYRITE; 5% PΦ;		
L	1813	147	1813	158	11	1818	A1L10	ABUNDANT PYRITE TOWARD FOOTWALL;		
L	1813	158	1813	172	11	1819	A1L17	4% PΦ; 2% SPHALERITE; MINOR CHALCOPYRITE; BECOMING INCREASINGLY CHLORITIC;		
L	1813	172	1813	180	11	1910	A1L16	1% SPHALERITE, <1% PΦ, MINOR CPY		
L	1813	180	1813	191	11	1911	A1L162	4% PYRITE, <1% SPHALERITE + CPY; PYRITE MAINLY IN ANGULAR FRAGS;		
L	1813	191	1814	106	11	1912	A1L161	AS UNIT 188; 2% PΦ, <1% SPHAL, PYRITE, CPY;		
L	1814	106	1814	135	11	1913	A1L112	PRED. SILICEOUS; 4% PY AS ANGULAR FRAGMENTS; CHLORITIC IN PARTS;		
L	1814	135	1814	148	11	1914	A1L1612	PYRITE 3%;		
L	1814	148	1814	156	11	1915	A1L112	1% PY, 1% PΦ; <1% SPHAL, CPY; mod. chlorite;		
L	1814	156	1814	164	11	1916	A1L161	(4L612) 1% PYRITE (FRAGMENTAL); <1% SPHAL & CPY;		
L	1814	164	1814	169	11	1917	A1L161			
L	1814	169	1814	199	11	1918	A1L116	(4L162) 3% PYRITE; <1% SPHAL, CPY;		
L	1814	199	1815	112	11	1919	A1L162	(4L624) 5% PYRITE; 1% SPHAL.		
L	1815	112	1815	169	11	2010	A1L61	(4L612)		
L	1815	169	1816	124	11	2011	A1L12	PYRITE (4%) LARGELY AS ANGULAR FRAGS IN BANDS;		

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Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	181624	181637		2102	4L117	3% P ϕ ; MINOR CPY; some CHLORITE;
L	181637	181641		2103	4L117	(4L179) 3% P ϕ ; <1% CPY; P ϕ THROUGHOUT THIS 4L SECTION IS CRUDELY BANDED, BLOTCHY, AND FRACTURE FILLING; CPY GENERALLY INTERGROWN WITH P ϕ ;
L	181641	181653		2104	4L114	(4L147) SPHAL 7% (?); P ϕ 5%; SOME CHLORITE PRESENT;
L	181653	181671		2105	4L167	P ϕ 3%; MINOR CPY; CHLORITE DISS. AND IN CLOTS; SERICITE INCREASES TOWARD FOOTWALL;
L	181671	181682		2106	4L7	P ϕ 5% ; 10% DISRUPTED BANDS OF SERICITIC MATERIAL;
L	181682	181708		2107	4L167	P ϕ 5%, SPHAL, CPY <1%; SUDDEN CHANGE FROM P ϕ TO PYRITE AT FOOTWALL COINCIDENT WITH DISAPPEARANCE OF CHLORITE; OCCASSIONAL SERICITE;
L	181708	181733		2108	4L9	PY - 2% ONLY AT HANGING WALL; P ϕ 2%, MINOR CPY; 15% SERICITE AS DISRUPTED BANDS; FOOTWALL CONTACT MARKED BY QTZ VEIN;
L	181733	181734		2109	4A9	CPY 1%, P ϕ 2%; FOOTWALL CONTACT SHARP AND MARKED BY FLAME-LIKE STRUCTURES;
L	181734	181745		2110	4E86	(4E86*) MASSIVE TO LENSOID FOLIATIONS; BaSO ₄ INDICATED BY BLACK BURNS; FOOTWALL CONTACT SHARP BUT RAGGED;
L	181745	181749		2111	4C58	~2% CARBON; 35% PYRITE; SHARP FOOTWALL CONTACT WITH SOME FLAME-LIKE STRUCTURES;

Core	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	18714	9	18715	6		2112	AK6*	85% PYRITE; COMMON FOLIATED CALCITE BLOTCHES; BRIAN SAYS HE SEES ANKERITE IN HERE - GEORGE WOULD JUST AS SOON CALL THIS 4E* (BUT WHAT DOES HE KNOW);		
L	18715	6	18715	9		2113	AE8	SIMILAR TO 210;		
L	18715	9	18716	4		2114	AC*8	PYRITE 60%		
L	18716	4	18717	4		2115	AE8*	SIMILAR TO 210;		
L	18717	4	18717	8		2116	AL59	PYRITE 3%, CPY 1%; SHARP CONTACTS;		
L	18717	8	18718	5		2117	AC8*	(AC8*9) MINOR CPY;		
L	18718	5	18718	9		2118	AE8	SIMILAR TO 210; 85% PYRITE;		
L	18718	9	18719	7		2119	AEK8	SIMILAR TO 210; 50% PYRITE, MINOR CPY;		
L	18719	7	1880	7		220	AG8*	BaSO ₄ ~10%; 2% SPHAL PILED AT HANGING WALL; SHARP FOOTWALL CONTACT;		
L	1880	7	1881	2		221	AE8	PYRITE 95%;		
L	1881	2	1881	3		222	AG48	10% SPHAL, 5% GALENA;		
L	1881	3	1882	5		223	AE8	AS 219; FOOTWALL CONTACT SHARP WITH FLAME-LIKE STRUCTURES		
L	1882	5	1883	6		224	AL10	PØ, SPHAL, CPY <1%;		
L	1883	6	1884	0		225	5A10	<u>FAULT?</u> - BROKEN CORE;		
L	1884	0	1895	1		226	5B6	<u>ALTERED?</u> APPEARANCE OF MED-PALE GREY HOMOGENEOUS 5B6 WITH 15% FINE STREAKY WHITE CLAY LENSES; LOCALLY CHLORITIC; SOME PØ IN VEINS; INCREASING CRACKLE BRECCIA WITH QZ-CALCITE INFILL TOWARD FOOTWALL;		
L	1895	1	1898	8		227	5A16	INTENSELY DISRUPTED BY FINE RAGGED, DISORIENTED QZ VEINS - PROB <u>NOT</u> A FAULT;		

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	18.9.188	18.9.198		2128	15B216	COMMON QZ VEINING, MOD. SILICEOUS;
L	18.9.198	18.9.199		2129	110D23	(10D239) QZ AND ALTERED FELDSPAR PHENOCRYSTS IN AN APHANTIC PALE BROWN MATRIX - REP'S A CHILLED MARGIN; SHARP CONTACTS;
L	18.9.199	19.0.104		2130	110D127	QZ PHENOS AND BIOTITE CLUSTERS IN A ^{FINELY CRYSTALLINE} DK BROWN-GREY MATRIX; SHARP FOOTWALL CONTACT;
L	19.0.104	19.0.129		2131	110D72	GENERALLY EQUIGRANULAR, MED CRYSTALLINE, SLIGHTLY FOLIATED, SPARSE PLAG PHENOS UP TO 1.5cm; HANGING WALL SHARP AND CHILLED OVER 4cm → REP'S MULTI-PHASE DIKE SUGGESTING IT HAD INTRUDED ALONG A FAULT ALONG WHICH MOVEMENT CONTINUED AFTER THE INITIAL INTRUSION; 12cm 10D23 DIKE AT 902.4-902.5 (AS UNIT 230);
L	19.0.129	19.0.138		2132	110D123	PRED 0.2-1.0cm ^{ROUNDED} QZ EYES IN APHANTIC PALE BROWN MATRIX; BOTH CONTACTS SHARP BUT RAGGED AND CUT UNIT 229/231 FOLIATION → ∴ THIS IS A DIKE;
L	19.0.138	19.0.160		2133	110D17	~EQUIGRANULAR, SLIGHTLY FINER CRYSTALLINE VERSION OF UNIT 229; RAGGED FOOTWALL CONTACT; COMMON VARIOUSLY ORIENTED SMALL DIKES OF 10D23 (=230).
L	19.0.160	19.0.164		2134	110D67	WATERY, APHANTIC SALMON PINK KSPAR BLOTCHES (3%) AROUND CHLORITIC BIOTITES; GRADATIONAL CONTACTS;

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Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	191064	191069		2135	10D21	SIMILAR TO UNIT 230 WITH FINELY CRYSTALLINE MATRIX AND SOME CHLORITE;
L	191069	191076		2136	10D19	KAOLINITE ALY'N OF PLAG; POSS. SOME BLOTCHY DEV. OF ALBITE;
L	191076	191083		2137	10D67	(10D672) SIMILAR TO UNIT 232; GRADATIONAL HANGING WALL CONTACT; FOOTWALL CONTACT MARKED BY 6cm DIKE = 230.
L	191083	191111		2138	10D72	SIMILAR TO UNIT 229; COMMON DIKELETS AND METASOMATIC ALY'N ZONES OF 10D23 (= UNIT 230); RAGGED BUT SHARP FOOTWALL CONTACT;
L	191111	191121		2139	10D21	AS UNIT 233; SHARP FOOTWALL CONTACT;
L	191121	191133		2140	10D72	AS UNIT 229; COMMON PLAG PHENOCRYSTS; RAGGED & VAGUE BASAL CONTACT;
L	191133	191136		2141	10D23	AS UNIT 233 WITH ABUNDANT PLAG PHENOS AN GREEN MATRIX (CHLORITIC?).
L	191136	191151		2142	10D27	(10D27) QZ + PLAG PHENOS, TYPICALLY ROUNDED IN APHANTIC TO FINELY CRYSTALLINE LIGHT GREY MATRIX;
L	191151	191159		2143	10D72	AS UNIT 229; HANGING WALL CONTACT MARKED BY ^{2cm} ZONE OF CHLORITIC 10D2 ALY'N; FOOTWALL CONTACT GRADATIONAL OVER 30cm;
L	191159	191173		2144	10D23	(10D239) AS UNIT 230 WITH PLAG → KAOLINITE;
L	191173	191178		2145	10D29	AS UNIT 230 WITH COPPER BROWN MATRIX AND FELDSPAR ALY'N TO MONT + KAOLINITE; SHARP BASAL CONTACT;

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Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	19.1178	19.1191		246	5A1	INTENSE RAGGED QZ VEINING; SHARP BASAL CONTACT;
L	19.1191	19.1199		247	5D6	
L	19.1199	19.225		248	5B6	AS UNIT 224; HANGING WALL CONTACT COMPRISES ALTERNATING 5D6-5B6 RAGGED BANDS OVER 30cm; CLAY STREAKS CROSS CONTACT UNDISTURBED AND ARE PROBABLY A POST S ₂ ALTERATION;
L	19.225	19.280		249	5A6	STREAKY CARBONACEOUS BANDS; MINOR INTERCALATED 3D;
L	19.280	19.282		250	3D28	SHARP CONTACTS; INTERCALATED 5A6;
L	19.282	19.354		251	5A6	AS UNIT 247; Po only sparse
L	19.354	19.365		252	5A31	SOME SILTY & CALC-SILICATE BANDS;
L	19.365	19.440		253	5B61	FOOTWALL CONTACT GRADATIONAL OVER ~1m; Po >> Py Py encased in Po
L	19.440	19.572		254	5A6	MINOR INTERCALATED CALC-SILICATE; Po >> Py - Py encased in Po
L	19.572	19.586		255	5A3	ABUNDANT QZ VEINING; BASAL CONTACT MARKED BY 3cm QZ VEIN;
L	19.586	19.619		256	3D2	BLOCHY, FOLIATED; ABUNDANT BROWN GARNET (ANDRADITE?); ①
L	19.619	19.624		257	3D3	WELL BANDED; ABUNDANT BROWN GARNET + GREEN DIOPSIDE; ①
L	19.624	19.631		258	3D2	AS UNIT 254; ①
L	19.631	19.645		259	3D3	AS UNIT 255; FOOTWALL CONTACT GRADATIONAL OVER 0.7m; ①
L	19.645	19.713		260	3G81	(3G81) COMMON CALC-SILICATES DISSEMINATED AND OCCASIONALLY AS BANDS; Po only sparse ②
L	19.713	19.726		261	3D3.1	AS UNIT 255; DISRUPTED BY NUMEROUS CALCITE VEINS ①

FROM
CALC-
SILICATE
TRIANGLE

Lithologic Log

Date: 8/5/81 Logged By: GAG

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	197126	197132		2612	31G813	3G-831 AS UNIT 258; BOTH CONTACTS GRADE OVER 10cm (7)
L	197132	197141		2613	31D31	AS UNIT 255; (4)
L	197141	197161		2614	31G113	3G-139 HIGHLY FOLIATED WITH 60% "SILTY" BANDS; BLUISH TINT SUGGESTS ABUNDANT CALC-SILICATES PRESENT; (4) 3 or (7)
L	197161	197165		2615	31D31	INTERCALATED 3G-13 & 3D31; (4)
L	197165	197178		2616	31G1811	(3G-81) MINOR CALC-SILICATES; (8)
L	197178	198101		2617	31D31	AS UNIT 255; (4)
L	198101	198134		2618	31E31	WELL BANNED; COMMON DISSEMINATED AND INTERCALATED CALC-SILICATES; (7) Py/7Po
L	198134	198149		2619	31G913	WELL FOLIATED WITH COMMON INTERCALATED CALC-SILICATES; (7)
L	198149	198169		270	31D3	AS UNIT 255; (3)
L	198169	198183		271	31G913	AS UNIT 267; (2)
L	198183	198187		272	31D2	AS UNIT 254; (3)
L	198187	199104		273	31G119	SOME CHLORITE; (8)
L	199104	199112		274	31D31	AS UNIT 255 WITH INTERCALATED 3G-13 (3)
L	199112	199141		275	31D21	AS UNIT 254 BUT SILICEOUS; (1)
L	199141	199147		276	31G913	(3G-931) AS UNIT 267; (7)
L	199147	199159		277	31D21	AS UNIT 254 BUT SILICEOUS (1)
						END OF HOLE @ 995.9m

Structural Log

Date: 29/4/81 Logged By: BVH

Core No	From		To		Feature	S No	S ₀ Dip Direct.		S ₁ Dip Direct.		S ₂ Dip Direct.		Description	
	1	10	14	18			20	22	24	26	28	32		34
		10	0		12147									o.B. no core
S					12147	C1512			512	1010	810	11815		
S					13120	C1512			418	1010	812			
S					13187	P1512					615			
S					14148	P1512					514			
S					15109	P1512					512			
S					15170	P1512					716			
S					16161	P1512					415			
S					17122	P1512					512			
S					18107	P1512					412			
S					19122	P1512					712			
S					19184	P1512					610			
S					110143	P1512					812			
S					111106	C1512			510	1010	615			
S					111161	C1512			416	1010	710			
S					112132	C1512			010	1010	715			
S					112189	C1512			613	1010	618			
S					1113132	C1512			415	1010	715			
S					113193	C1512			515	21910	712			
S					114154	C1512			812	21710	612			
S					115112	C1512			318	1010	710			
S					115175	C1512			717	11810	712			
S					116136	C1512			618	1010	714			
S					116197	C1512			615	1010	615			
S					117158	C1512			612	1010	811			
S					118113	C1512			512	21910	718			
S					118174	C1512			618	11810	710			
S					119141	C1512			512	1010	715			
S					119196	C1512			517	1010	714			
S					1210157	C1512			515	1010	718			
S					1211124	C1512			810	1010	810			
S					1211185	C1512			512	31215	712			
S					1212145	C1512			311	1010	712			
S					1213107	C1512			710	1010	715			
S					1213157	C1512			517	1010	618			
S					121423	C1512			612	1010	813			

Structural Log

Date: 1/5/81 Logged By: BVH

Code	From		To		Feature	SVE	S ₀		S ₁		S ₂		Description	
	Dip	Direct.	Dip	Direct.			Dip	Direct.	Dip	Direct.				
	10	14	16	20	22	24	26	28	32	34	38	40	44	
S	1	1	1	1	121418	4	C1S12	1	1	410	1010	719	1	
S	1	1	1	1	121515	4	P1S12	1	1	1	1	815	1	
S	1	1	1	1	121813	3	C1S12	1	1	710	11810	810	1	
S	1	1	1	1	121619	4	C1S12	1	1	210	21710	615	1	
S	1	1	1	1	121715	6	P1S12	1	1	1	1	715	1	
S	1	1	1	1	121811	9	C1S12	1	1	315	1010	719	1	
S	1	1	1	1	121818	0	C1S12	1	1	415	1010	618	1	F ₅ fold
S	1	1	1	1	121914	1	P1S12	1	1	1	1	713	1	
S	1	1	1	1	131010	2	C1S12	1	1	317	1010	811	1	
S	1	1	1	1	131016	6	C1S12	1	1	512	1010	717	1	
S	1	1	1	1	131112	8	C1S12	1	1	512	21710	812	1	
S	1	1	1	1	131119	1	C1S12	1	1	55	11810	710	1	
S	1	1	1	1	131215	2	C1S12	1	1	510	11810	710	1	
S	1	1	1	1	131311	3	C1S12	1	1	315	1010	712	1	
S	1	1	1	1	131317	4	C1S12	1	1	415	190	618	1	
S	1	1	1	1	131413	5	C1S12	1	1	419	1010	715	1	
S	1	1	1	1	131419	6	C1S12	1	1	518	11810	614	1	
S	1	1	1	1	131513	3	P1S12	1	1	1	1	610	1	
S	1	1	1	1	131519	7	P1S12	1	1	1	1	515	1	
S	1	1	1	1	131615	4	P1S12	1	1	1	1	710	1	
S	1	1	1	1	131712	5	C1S12	1	1	010	1010	715	1	
S	1	1	1	1	131718	6	C1S12	1	1	510	1010	712	1	
S	1	1	1	1	131814	9	C1S12	1	1	319	1010	718	1	
S	1	1	1	1	131911	3	P1S12	1	1	1	1	716	1	
S	1	1	1	1	131917	4	C1S12	1	1	515	11810	815	1	
S	1	1	1	1	141013	5	P1S12	1	1	1	1	717	1	
S	1	1	1	1	141019	5	C1S12	1	1	613	1910	814	1	
S	1	1	1	1	141115	8	C1S12	1	1	610	11810	810	1	
S	1	1	1	1	141211	9	C1S12	1	1	815	11810	615	1	
S	1	1	1	1	141218	2	C1S12	1	1	610	1010	714	1	
S	1	1	1	1	141313	8	C1S12	1	1	815	11810	615	1	
S	1	1	1	1	141318	8	C1S12	1	1	619	11810	812	1	
S	1	1	1	1	141413	8	C1S12	1	1	710	1010	816	1	
S	1	1	1	1	141510	6	C1S12	1	1	610	1010	718	1	
S	1	1	1	1	141516	3	C1S12	1	1	515	1010	810	1	F ₃ KINK @ 68/190° S ₂
S	1	1	1	1	141611	9	C1S12	1	1	711	1010	816	1	

Structural Log

Date: 3/5/81 Logged By: BYH/EAC

Core No.	From			To			Feature No.	S ₀		S ₁		S ₂		Description
	10	14	18	20	22	24		26	28	32	34	38	40	
S				1416	177		PIS12					712		
S				1417	133		CIS12			719	1010	814		
S				1417	190		CIS12			614	1010	715		
S				1418	153		CIS12			614	1010	712		
S				1419	122		CIS12			415	1010	419		
S				1419	163		CIS12			716	11810	810		
S				1510	119		CIS12			715	1910	718		
S				1511	109		CIS12			010		813		
S				1511	159		CIS12			715	1010	811		
S				1512	108		CIS12			418	1010	717		
S				1512	164		PS12					815		
S				1513	198		CIS12			719	1010	815		
S				1514	101		CIS12			010	1010	815		
S				1514	157		CIS12			515	1010	710		
S				1515	122		CIS12			010	1010	813		
S				1515	164		CIS12			319	1010	512		Poss S deformed by D ₂
S				1516	155		PS12					617		S ₁ S ₂ ? / S ₂ (?) = 38/180°
S				1517	124		CIS12			719	1010	813		↳ cleavage in select beds
S				1518	166		CIS12			414	1010	611		S
S				1519	128		PS12					714		S ₂ S ₁ ? // S ₃ = 15/055 ^{SCLV F} _{CREN.}
S				1519	189		PS12					715		
S				1605	156		CIS12			612	1010	618		1 cm /
S				1611	130		CIS12			010	1010			
S				1611	180		CIS12			615		715		1 cm /
S				1612	127		CIS12			715	1910	715		1 cm
														DICE
S				1613	127		PS12					616		
S				1613	178		CIS12			010	1010	910		
S				1614	139		CIS12			010	1010	812		
S				1615	105		CIS12			010	1010	816		
S				1615	136		CIS12			610	1010	715		
S				1615	194		CIS12			513	1010	810		1.5 cm
S				1616	150		CIS12			617	1010	810		0.8 cm
S				1617	100		CIS12			718	11810	815		0.4 cm
S				1617	157		CIS12			817	11810	815		0.3 cm
S				1618	134		CIS12			710	1010	810		0.4 cm

Structural Log

Date: 6/5/81 Logged By: GAG

Code	From		To		Feature	S ₀ Dip Direct.	S ₁ Dip Direct.		S ₂ Dip Direct.		Description		
	10	14	16	20			22	24	26	28		32	34
				16	18	CS1Z		810	1010	415			N 2.5cm
				16	19	CS1Z		65	1010	714			H 2.0cm.
				17	05	CS1Z		7A	1010	819			H 1.0cm.
				17	11	CS1Z		75	11810	815			D ₃ → S ₂ = 75/00
				17	11	CS1Z		516	11810	717			H
				17	23	CS1Z		63	11810	817			H 2.0cm
				17	30	CS1Z		717	1010	719			H 0.3cm.
				17	31	CS1Z		610	1010	811			
				17	4A	CS1Z		717	1910	715			H 20cm.
				17	52	CS1Z		811	11810	815			S ₂ = 75/00°
				17	57	CS1Z		010	1010	813			M-REGION
				17	61	CS1Z		610	1010	616			S ₂ = 34/180
				17	68	CS1Z		516	1010	6A			H 2.5cm
				17	75	CS1Z		614	1010	711			H
				17	81	CS1Z		7A	100	813			H
				17	88	CS1Z		613	1010	715			H
				17	95	CS1Z		815	1010	718			H
				18	02	CS1Z		010	1010	815			M-REGION
				18	11	PS1Z				710			S ₂ = 38/150
				18	15	CS1Z		60	100	80			H 1cm
				18	21	CS1Z		50	100	613			
				18	26	PS1Z				718			
				18	33	CS1Z		412	1010	516			H
				18	41	CS1Z		010	1010	614			M-REGION
				18	46	PS1Z				715			
				18	52	PS1Z				6A			
				18	518	CS1Z		515	1010	611			H
				18	65	CS1Z		650	1010	610			H 3cm (?)
				18	72	PS1Z				614			
				18	77	PS1Z				415			
				18	814	CS1Z		314	1010	410			Poor H; S ₂ = 25/030
				18	91	CS1Z		40	1010	614			H 3.0cm.
				18	96	CS1Z		410	1010	511			H
				19	02	PS1Z				417			DIKE - HANGING WALL
													CONTACT @ 55° to C.A.
													FOOTWALL CONTACT @ 59°

EA 81-X-02

DIAMOND DRILL CORE LOG

Date: May 3, 1981

Hole Number: EA81-X-02

Reference Fabric Orientation Diagram:

Project: DY

Location: VANGORDA PLATEAU

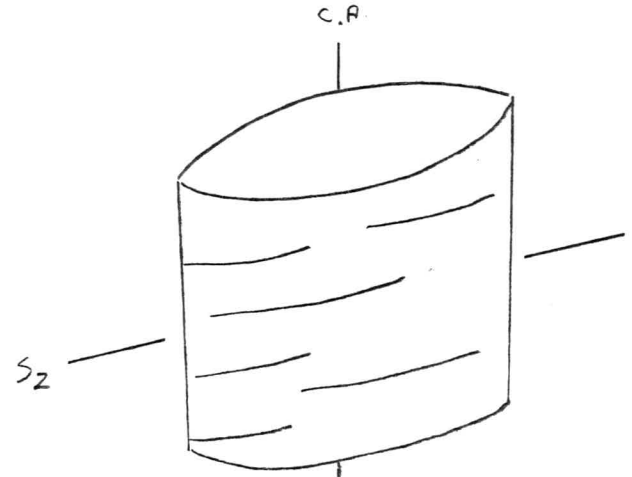
Claim: Gale 46

Terr. Plane Co-ords.: 6900514.06 N

597734.14 E

Grid Co-ords: L21+00E

6005



Elevation: 11026.67

NW with S2 dipping

Total Depth: 828.1

SW with dip azimuth 185.

Purpose: Find Eastern Margin of Deposit.

Reason hole Terminated: Shutdown Rock, Mt. Myc

Logged by: BVH

Date(s) Logged: 20/4/81 - 27/4/81

Drilling Contractor: Arctic

Size	CORE From	To	Collar Cased and Capped:
<u>NQ</u>	<u>0</u>	<u>828.1</u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Hole Cemented: yes, (bottom 300m)

Steel down hole: 1100'

Started: 9/4/81 Completed: 23/4/81

DDH E.A.B.I.X.02
2 8

Diamond Drill Core Log Date: 28/4/81 Logged By: K.V.H.

Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E
1 2 8 10 16 17 24 25 32 34 39 41 42					
T E.A.B.I.X.02	110216.37	1691015.14	5977341.1	metres	S12

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1 2 8 10 14 22 26 28 32 34 56					
R	E.A.B.I.X.02	100	11810.0	0.0	AT COLLAR
R		1310	11718.9	11311.9	
R		1610	11719.9	11451.0	
R		1912	11719.5	11451.1	
R		11212	11717.3	11812.12	
R		11513	11717.6	11212.13	
R		11813	11715.3	11171.1	
R		12114	11714.1	11321.12	
R		12414	11711.7	11215.19	
R		12715	11618.3	11418.19	
R		13015	11616.5	11518.12	
R		13316	11614.7	11417.14	
R		13616	11612.7	11316.10	
R		13917	11614.8	11319.16	
R		14217	11613.6	11218.19	
R		14518	11611.5	11212.18	
R		14818	11519.5	11118.16	
R		15119	11612.0	11211.10	
R		15419	11613.8	11219.15	
R		15810	11614.7	11212.16	
R		16110	11614.7	11218.16	
R		16411	11616.4	11310.13	
R		16711	11618.3	11314.15	
R		17012	11710.0	11214.4	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
2 8 10 56		

Lithologic Log

Date: 20/4/81 Logged By: BVH

No.	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L	11010	0	1214	9	11	11	11	11	1*	O/B no core
L	1214	9	1216	1	11	11	12	15B161		minor quartz veins, no litho structures visible
L	1216	1	1216	3	11	11	13	15B161		gouge zone
L	1216	3	1219	0	11	11	14	15B101		
L	1219	0	1412	3	11	11	15	15B161		minor calcareous bands, minor chl-gtz vein
L	1412	3	1710	4	11	11	16	15B101		py only
L	1710	4	1713	9	11	11	17	15B161		minor brecciated veins of quartz, two distinct ages of veining evident.
L	1713	9	1714	1	11	11	18	15B161		gouge zone
L	1714	1	1716	6	11	11	19	15B161		
L	1716	6	1812	1	11	11	110	15B101		Lighter in colour than #9
L	1812	1	1910	5	11	11	111	15B161		
L	1910	5	1913	0	11	11	112	15B101		
L	1913	0	1914	7	11	11	113	15B161		
L	1914	7	1918	5	11	11	114	15B101		py only
L	1918	5	1919	0	11	11	115	15B101		gouge zone
L	1919	0	1919	5	11	11	116	15B101		brecciated zone, pre D ₂ due to the presence of flattened gtz clasts parallel to the S ₂ foliation.
L	1919	5	11010	6	11	11	117	15B101		
L	11010	6	11010	8	11	11	118	15B101		gouge zone
L	11010	8	11015	1	11	11	119	15B101		minor D ₅ folds
L	11015	1	11016	2	11	11	1210	15B1213		slightly darker in colour than #19, due to graphite content
L	11016	2	11016	7	11	11	1211	15B101		
L	11016	7	11018	7	11	11	1212	15B161		py only
L	11018	7	11110	5	11	11	1213	15B101		
L	11110	5	11115	0	11	11	1214	15B1216		py only
L	11115	0	11210	0	11	11	1215	15A101		gradational to SB26, py content increased over SB6 sections, some py band
L	11210	0	11217	3	11	11	1216	15B1213		py only, minor carbonaceous rip up clasts
L	11217	3	11315	2	11	11	1217	15B101		
L	11315	2	11316	7	11	11	1218	15D101		gradational to SD4, very pale in colour. possibly due to

Lithologic Log

Date: 20/4/81 Logged By: B.V.H.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						bleaching related to the
						emplacement of the
						adjacent metabasite, carbonate
						content very high also
L	111316 7	111318 3		1219	151D131	
L	111318 3	111414 7		1310	151C131	gradational with #29 over 0.5m
L	111414 7	111416 9		1311	151D131	gradational with #30, more
						calcareous bands than #30.
L	111416 9	111513 4		1312	151C131	
L	111513 4	111515 5		1313	151D131	
L	111515 5	111610 6		1314	151C131	fairly dark in colour, lacks
						carbonate bands, calcareous
						matrix, pink grains (andalusite)
						disseminated in matrix.
L	111610 6	111612 7		1315	151D101	
L	111612 7	111614 2		1316	151C131	
L	111614 2	111615 9		1317	151D131	
L	111615 9	111618 4		1318	151C131	slightly banded.
L	111618 4	111619 7		1319	151C131	pre D ₂ brecciation and
						minor gouge.
L	111619 7	111711 3		1410	151D131	
L	111711 3	111712 6		1411	151B1713	slightly greener in colour
						than #43
L	111712 6	121011 3		1412	151B101	well laminated with carbonate bands
L	121011 3	121011 6		1413	151B101	gouge zone.
L	121011 6	121013 6		1414	151B101	
L	121013 6	121111 7		1415	151B161	
L	121111 7	121112 3		1416	151C131	pale green in colour, no
						carbonate laminations
L	121112 3	121112 9		1417	151C101	non-calcareous
L	121112 9	121211 1		1418	151B101	po mentling py, typical 5B0
						gradational to 5B73, minor bands
						of 5B0, very calcareous
L	121211 8	121317 5		1510	151B101	distinct lack of po-py grains
L	121317 5	121410 6		1511	151B101	zone of post D ₂ breccia and gouge
						some clasts randomly oriented, most

Lithologic Log

Date: 20/4/81 Logged By: BvH

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20	22 24 26 28 30 34 35				
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	are confined to the plane of S ₂
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	foliation, some secondary
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	silification.
L	12140 6	12147 5	1 1	1512	151B101	fairly fine lithon structures.
L	12147 5	12147 8	1 1	1513	151B109	gouge zone.
L	12147 8	12152 7	1 1	1514	151B101	py only
L	12152 7	12153 2	1 1	1515	151B1213	py only
L	12153 2	12161 0	1 1	1516	151B101	
L	12161 0	12161 6	1 1	1517	151D131	Very calcareous, minor bands
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	of SBO, contacts between SBO
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	and SD3 bands very sharp
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	indicating a depositional contact.
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	py only.
L	12161 6	12161 8	1 1	1518	151B1713	
L	12161 8	12162 0	1 1	1519	151D131	
L	12162 0	12173 4	1 1	1610	151B1713	chlorite content slightly greater
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	py only.
L	12173 4	12174 9	1 1	1611	151B101	gradational with #61
L	12174 9	12175 3	1 1	1612	151B101	gouge zone.
L	12175 3	12181 0	1 1	1613	151B1713	
L	12181 0	12183 6	1 1	1614	151B1213	gradational with #64, qtz
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	veins present.
L	12183 6	12187 4	1 1	1615	151B101	py and po.
L	12187 4	12187 7	1 1	1616	151B1213	py > po
L	12187 7	12187 9	1 1	1617	151B1713	
L	12187 9	12188 9	1 1	1618	151B1213	py only
L	12188 9	12194 9	1 1	1619	151B1713	py only, very calcareous
L	12194 9	12197 0	1 1	1710	151B1213	py only, scattered carbonaceous bands
L	12197 0	13101 0	1 1	1711	151B1713	
L	13101 0	13104 3	1 1	1712	151B1716	minor carbonaceous bands.
L	13104 3	13108 2	1 1	1713	151B1713	gradational to SBO. po only
L	13108 2	13123 7	1 1	1714	151B101	po > py, small carbonaceous
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	rip up clasts present.
L	13123 7	13126 0	1 1	1715	151B101	zone of gouge and broken core,
	1 1 1	1 1 1	1 1	1 1	1 1 1 1	post D ₂ .
L	13126 0	13130 6	1 1	1716	151B101	po only

Lithologic Log

Date: 20/4/81 Logged By: PYH

No.	From		To		Recov.		No.		Unit		Description
	1	10	14	16	20	22	24	26	28	30	
L	131310	6	131316	7	11	11	1717	1518161			minor gouge zones
L	131316	7	131316	9	11	11	1718	1518161			gouge zone, po only
L	131316	9	131317	5	11	11	1719	1518101			
L	131317	5	131317	7	11	11	1810	1518101			gouge zone, py only
L	131317	7	131319	5	11	11	1811	1518101			
L	131319	5	131319	7	11	11	1812	15181315			qtz bands present, contacts sharp with #32 & 34.
L	131319	7	131413	9	11	11	1813	1518101			po mantling py.
L	131413	9	131515	6	11	11	1814	1518161			po = py some quartz veins containing veinlets of carbonate, with disoriented clasts of 5B0
L	131515	6	131517	9	11	11	1815	1518101			po = py minor rip up clasts.
L	131517	9	131617	6	11	11	1816	1518161			small rip up clasts. py = po
L	131617	6	131619	6	11	11	1817	1518101			py = po
L	131619	6	131710	2	11	11	1818	1518101			gouge zone.
L	131710	2	131712	5	11	11	1819	1518101			po only
L	131712	5	131714	0	11	11	1910	1518161			po only
L	131714	0	131811	8	11	11	1911	1518101			po only
L	131811	8	131819	3	11	11	1912	15181713			matrix more chloritic.
L	131819	3	131916	9	11	11	1913	1518101			pre D2 breccia and gouge zone, quartz clasts flattened in the plane of foliation.
L	131916	9	141013	6	11	11	1914	1518101			po only
L	141013	6	141013	8	11	11	1915	1518101			gouge zone.
L	141013	8	141018	7	11	11	1916	1518101			
L	141018	7	141110	0	11	11	1917	1518161			po only
L	141110	0	141111	0	11	11	1918	15181119			→ gradational to 4619, po and py bands and stringers set in a siliceous host, host rock is unaltered, possibly this could be the eastern extension of Horz 6. minor clasts of antkerite.
L	141111	0	141111	8	11	11	1919	1518161			minor bands of py, gradational with #99, some quartz veins
L	141111	8	141119	4	11	11	11010	1518101			quartz-carbonate veins, minor chloritic

Lithologic Log

Date: 24/4/81 Logged By: BVH

Code	From		To		Recov.			No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	35	
												bands, quartz carbonate vein
												containing chlorite, possibly
												two stages of veining in the
												quartz-carbonate veins, po only
L	14119	4	14119	9	11		1101		1510131			qtz-carbonate laminations,
												appears altered through metamorphi
L	14119	9	14210	9	11		1102		1518101			
L	14210	9	14213	8	11		1103		1518161			
L	14213	8	14215	4	11		1104		1518101			
L	14215	4	14219	1	11		1105		1510131			abundant qtz-carbonate veins, chlorit
												very green restricted to laminations
												rock does not truly represent SD,
												chlorite too patchy, possibly an
												alteration effect
L	14219	1	14219	5	11		1106		1518101			gradational with #105
L	14219	5	14219	7	11		1107		151019			contact very sharp with #106 & 108.
L	14219	7	14310	3	11		1108		1518161			quartz laminations present
L	14310	3	14311	0	11		1109		1510101			Contact very sharp with #108 & 110
L	14311	0	14312	2	11		1110		1518161			very similar to #108 py only
L	14312	2	14315	3	11		1111		1518101			
L	14315	3	14319	9	11		1112		1518101			minor carbonaceous bands,
												gradational to SB23.
L	14319	9	14410	7	11		1113		15181213			Zone of gouge and broken conc.
L	14410	7	14414	6	11		1114		1518101			
L	14414	6	14415	0	11		1115		15181213			
L	14415	0	14510	0	11		1116		1518101			slightly carbonaceous, gradational
												with #115, po only
L	14510	0	14510	3	11		1117		1510131			similar to #101.
L	14510	3	14517	8	11		1118		1518101			similar to #116 po > py also
												po mantling py.
L	14517	8	14712	2	11		1119		1518101			typical SB0, po > py
L	14712	2	14713	9	11		1120		1510131			quartz-carbonate veins, po mantling
												py, relatively homogenous in
												texture, as opposed to #101.
L	14713	9	14715	1	11		1121		1518101			minor carbonaceous bands, po > py.

Lithologic Log

Date: 24/4/81 Logged By: BVH

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L	14715	1	14811	4	1	1	1212		151B161	abundant quartz carbonate veins.
	1	1	1	1	1	1	1	1	1	po > py, po mantling py
L	14811	4	14814	8	1	1	1213		151B101	po > py
L	14814	8	14816	7	1	1	1214		151B161	
L	14816	7	14817	1	1	1	1215		151A101	gradational to 5B26.
L	14817	1	14817	6	1	1	1216		151B161	
L	14817	6	14818	2	1	1	1217		14L171	gradational with #126 over
	1	1	1	1	1	1	1	1	1	0.2 m.
L	14818	2	14818	9	1	1	1218		14L1713	almost massive po with
	1	1	1	1	1	1	1	1	1	minor bands of 4L3, minor
	1	1	1	1	1	1	1	1	1	cpy present in tension gashes
	1	1	1	1	1	1	1	1	1	within the po, metamorphic
	1	1	1	1	1	1	1	1	1	flame textures evident in po.
	1	1	1	1	1	1	1	1	1	disoriented chert clasts, possibly
	1	1	1	1	1	1	1	1	1	the result of soft rock deformation
L	14818	9	14819	1	1	1	1219		151D31	similar #101.
L	14819	1	14910	2	1	1	1310		14L161	gradational with 5A7,
	1	1	1	1	1	1	1	1	1	rock has a bleached appearance
	1	1	1	1	1	1	1	1	1	some chloritic bands, possibly
	1	1	1	1	1	1	1	1	1	similar #101, sulphide content
	1	1	1	1	1	1	1	1	1	very low, minor po & py bands.
L	14910	2	14910	6	1	1	1311		141G101	slightly calcareous, some
	1	1	1	1	1	1	1	1	1	metamorphic flame textures
	1	1	1	1	1	1	1	1	1	on hanging wall.
L	14910	6	14911	2	1	1	1312		141D116	minor barite and arkerite
	1	1	1	1	1	1	1	1	1	laminations.
L	14911	2	14911	6	1	1	1313		141C1719	trace po and cpy concentrated
	1	1	1	1	1	1	1	1	1	in fractures, siliceous bands
	1	1	1	1	1	1	1	1	1	are slightly carbonaceous.
L	14911	6	14912	1	1	1	1314		141C1517	gradational with 4A, trace po
L	14912	1	14912	9	1	1	1315		141A101	trace po, minor py clots due to
	1	1	1	1	1	1	1	1	1	soft rock deformation.
L	14912	9	14913	4	1	1	1316		141G101	gradational to 4E0 or 4L12,
	1	1	1	1	1	1	1	1	1	minor py bands towards footwall.
L	14913	4	14914	1	1	1	1317		141A101	
L	14914	1	14917	9	1	1	1318		141C107	po appears to enclose py bands

Lithologic Log

Date: 25/4/81 Logged By: BVH

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
											minor chloritic bands, gradatio to 4L12.
L	14917	9	151010	0			11319		14L1312		minor po bands, sulphide content > 5%
L	151010	0	151010	3			11410		14A171		gradational to 5A19, very low sulphide content.
L	151010	3	151010	8			11411		14L1116		no sulphides minor chlorite band
L	151010	8	151011	7			11412		14L1317		
L	151011	7	151012	3			11413		14L1611		no sulphides, faintly altered, gradational to 5B6, minor carbonaceous bands.
L	151012	3	151012	4			11414		15B1211		- 5B216.
L	151012	4	151012	5			11415		15B1216		gouge zone
L	151012	5	151016	9			11416		15B1216		minor quartz-chlorite-py veins of secondary origin.
L	151016	9	151017	4			11417		14L111		
L	151017	4	151017	7			11418		14L111		gouge zone.
L	151017	7	151111	7			11419		14L1171		- gradational to 4L73, talc- chlorite patches.
L	151111	7	151113	2			11510		14L111		minor chloritic laminations, some secondary qtz-chlorite- carbonate veins.
L	151113	2	151113	7			11511		14L131		
L	151113	7	151113	5			11512		14K171		minor chloritic laminations.
L	151113	5	151119	2			11513		15B161		
L	151119	2	151119	5			11514		15B1216		quartz-po veins, post D ₂
L	151119	5	151210	6			11515		15B161		
L	151210	6	151211	5			11516		15B1112		gradational to 4L16, non-calcareous
L	151211	5	151215	1			11517		14L171		
L	151215	1	151216	5			11518		14L1117		less chloritic, very low sulphide content.
L	151216	5	151219	4			11519		14L171		gradational to 4L3, very low sulphide content.
L	151219	4	151219	B			11610		14L171		pre D ₂ breccia zone, clasts disorientated,
L	151219	8	151411	8			11611		14L171		gradational to 4L3.

Lithologic Log

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Core	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	15141 8	15152 6	1 1	11612	14L117	gradational with #180 over 1.0m more siliceous, darker in colour minor sph bands
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	15152 6	15158 2	1 1	11613	14L171	lighter in colour than #161
L	15158 2	15162 5	1 1	11614	14L117	similar to #161
L	15162 5	15168 6	1 1	11615	14L171	minor epy in tension gashes, some secondary quartz veins.
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	15168 6	15171 8	1 1	11616	14L161	sulphide content very low.
L	15171 8	15171 9	1 1	11617	14L131	gouge zone.
L	15171 9	15171 3	1 1	11618	14L171	
L	15171 3	15171 8	1 1	11619	14L114	- 4L1427 base metal content and py significantly increased.
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	15171 8	15180 3	1 1	11710	14L116	- 4L1627 py content increased over 4L7 sections
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	15180 3	15181 2	1 1	11711	14L116	- 4L1672 minor epy
L	15181 2	15181 6	1 1	11712	15B1216	
L	15181 6	151910 4	1 1	11713	14L171	abundant quartz veins with associated chlorite of possible metamorphic origin
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	151910 4	151910 9	1 1	11714	14G111	massive py at Hanging wall and footwall.
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	151910 9	151911 9	1 1	11715	14L1612	gradational to 5D9, porphyroblastic pyrite concentrated in bands
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	151911 9	151912 7	1 1	11716	14L101	similar in appearance to #174, but more sericitic.
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	151912 7	151912 9	1 1	11717	14E111	grading into 4E0 at footwall
L	151912 9	151913 5	1 1	11718	14G141	
L	151913 5	151913 7	1 1	11719	14C101	
L	151913 7	151914 2	1 1	11810	14L101	minor pe bands
L	151914 2	151914 6	1 1	11811	14L111	
L	151914 6	151915 0	1 1	11812	15B111	carbonaceous rip up clasts, appears to be altered.
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	151915 0	151917 3	1 1	11813	14L401	appears to be a faintly altered version of 5B6.
	1 1 1	1 1 1	1 1	1 1	1 1 1	
L	151917 3	151918 6	1 1	11814	15B1213	
L	151918 6	161011 0	1 1	11815	15B161	

Lithologic Log

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20	22 24 26 28 30		34 35		
L	161011 0	161011 9	1 1	11816	14L10V	altered SB6
L	161011 9	161014 4	1 1	11817	14L171	possibly some po towards the footwall
L	161014 4	161015 4	1 1	11818	14E14H	minor 4L clasts.
L	161015 4	161017 4	1 1	11819	14L171	
L	161017 4	161017 8	1 1	11910	14E14H	minor qtz bands
L	161017 8	161018 0	1 1	11911	14L111	very siliceous, possibly due to compaction, possibility of this sequence being overturned.
L	161018 0	161019 3	1 1	11912	14L10A	some metamorphic quartz veins
L	161019 3	161019 6	1 1	11913	14H111	
L	161019 6	161112 8	1 1	11914	14L10A	some massive po bands 2m thick
L	161112 8	161114 0	1 1	11915	51A111	brecciated po, and silicified perhaps due to alteration, disarticulated clasts, 4 m towards footwall.
L	161114 0	161114 4	1 1	11916	51A111	gouge zone
L	161114 4	161115 2	1 1	11917	51B161	
L	161115 2	161115 7	1 1	11918	51B1216	
L	161115 7	161115 9	1 1	11919	51B1411	appears altered but unrelated to hydrothermal alteration.
L	161115 9	161117 8	1 1	21010	51B1216	
L	161117 8	161119 1	1 1	21011	51B161	
L	161119 1	161210 3	1 1	21012	14L111	minor laminations of po, altered SB6.
L	161210 3	161211 9	1 1	21013	51B161	becoming more calcareous towards the footwall
L	161211 9	161214 7	1 1	21014	51B1216	po laminations towards the footwall
L	161214 7	161216 4	1 1	21015	14L1117	
L	161216 4	161217 5	1 1	21016	51B161	
L	161217 5	161316 3	1 1	21017	14L111	gradational with #205 over 0.5m zone of gouge and broken conc.
L	161316 3	161317 1	1 1	21018	51B161	
L	161317 1	161317 9	1 1	21019	14L101	
L	161317 9	161416 1	1 1	21110	51B161	
L	161416 1	161417 4	1 1	21111	14L171	
L	161417 4	161515 2	1 1	21112	51B161	
L	161515 2	161515 3	1 1	21113	51B161	gouge zone

Lithologic Log

Date: 26/4/81 Logged By: B.V.H.

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	161515 3	161611 0	1 1	21114	151B11	
L	161611 0	161612 4	1 1	21115	151B11	gauge and broken core.
L	161612 4	161612 8	1 1	21116	151B11	silicified SB6, texture preserved
	1 1 1	1 1 1	1 1	1 1	1 1 1	almost completely replaced by
	1 1 1	1 1 1	1 1	1 1	1 1 1	quartz.
L	161612 8	161614 0	1 1	21117	151C11	altered, silicified and brecciated
	1 1 1	1 1 1	1 1	1 1	1 1 1	resembles SC in appearance.
L	161614 0	161614 5	1 1	21118	101D1319	altered to kaolinite along fracture
L	161614 5	161712 3	1 1	21119	151B11	brecciated with randomly
	1 1 1	1 1 1	1 1	1 1	1 1 1	oriented clasts, silicified in
	1 1 1	1 1 1	1 1	1 1	1 1 1	matrix, silicified matrix has
	1 1 1	1 1 1	1 1	1 1	1 1 1	the appearance of an intrusive.
L	161712 3	161714 2	1 1	21210	101D1319	slightly porphyritic, plagioclase
	1 1 1	1 1 1	1 1	1 1	1 1 1	phenocrysts altered to kaolinite,
	1 1 1	1 1 1	1 1	1 1	1 1 1	or some zeolite, some vugs
	1 1 1	1 1 1	1 1	1 1	1 1 1	which have zeolite minerals.
	1 1 1	1 1 1	1 1	1 1	1 1 1	in places these vugs are
	1 1 1	1 1 1	1 1	1 1	1 1 1	concentrated giving the rock
	1 1 1	1 1 1	1 1	1 1	1 1 1	a banded appearance, also
	1 1 1	1 1 1	1 1	1 1	1 1 1	evidence of multiple intrusions.
L	161714 2	161714 6	1 1	21211	101D1319	matrix pale green, more
	1 1 1	1 1 1	1 1	1 1	1 1 1	altered,
L	161714 6	161715 0	1 1	21212	101D1319	plag altered to montmorillonite,
	1 1 1	1 1 1	1 1	1 1	1 1 1	matrix pale green.
L	161715 0	161812 2	1 1	21213	151A11	typical SA*, quartz clasts
	1 1 1	1 1 1	1 1	1 1	1 1 1	brecciated, abundant gauge.
L	161812 2	161813 4	1 1	21214	131G191	gradational with #222 over 0.5 m
L	161813 4	161814 9	1 1	21215	131G1913	
L	161814 9	171015 2	1 1	21216	131G101	typical 3C.
L	171015 2	171315 4	1 1	21217	131G1119	silicified and chloritic very
	1 1 1	1 1 1	1 1	1 1	1 1 1	similar to 3B, minor amounts
	1 1 1	1 1 1	1 1	1 1	1 1 1	of Pt concentrated in bands.
L	171315 4	171411 0	1 1	21218	131E111	rock darker in colour due to Pt,
	1 1 1	1 1 1	1 1	1 1	1 1 1	disseminated andalusite, small
	1 1 1	1 1 1	1 1	1 1	1 1 1	sections of possible diopside,
	1 1 1	1 1 1	1 1	1 1	1 1 1	rock has a grainy texture.

Lithologic Log

Date: 27/4/81 Logged By: BVH

Code	From		To		Recov.		No.		Unit		Description
	10	14 16	20	22 24	26 28	30	34	35			
L	17141	0	17141	5	1 1	21219	131211				
L	17141	5	17143	4	1 1	21310	131411				similar to # 227.
L	17143	4	17144	2	1 1	21311	131011				Diopside and quartz abundant, found in patches, post-irrigers towards the footwall, silicified; perhaps an old vein structure, minor galena and sphalerite.
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
L	17144	2	17144	3	1 1	21312	14H/1				
L	17144	3	17145	3	1 1	21313	131011				similar to # 230
L	17145	3	171518	0	1 1	21314	131F101				gradational to 3DS, some porphyroblasts of garnet (0.2cm long), minor phyllitic bands, and clasts, porphyroblasts of diopside also, becoming slightly more phyllitic towards the footwall.
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
L	171518	0	17171	7	1 1	21315	131D161				phyllitic zones boudanaged
L	17171	7	17171	9	1 1	21316	131F101				minor phyllitic bands, and porphyroblastic garnets,
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
L	17171	9	171716	5	1 1	21317	131D161				phyllitic and calc-silicate bands (diopside) boudanaged, minor metamorphic quartz veining.
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
L	171716	5	171812	4	1 1	21318	131D151				-gradational to 3F0, minor phyllitic and calc-silicate bands.
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
L	171812	4	171814	5	1 1	21319	131D171				some dark biotitic bands.
L	171814	5	181012	5	1 1	2140	131G/18				similar to # 227 some biotitic bands up to 5 cm wide. becoming more biotitic towards the footwall
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
L	181012	5	181218	1	1 1	2141	131G/18				less biotitic than # 239
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				END OF HOLE
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				
	1 1 1		1 1 1		1 1	1 1	1 1 1 1				

Structural Log

Date: 20/4/81 Logged By: B.V.H

Code	From	To	Feature	S ₀				S ₁				S ₂				Description
				Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.	Dip	Direct.	
1	10	14	18	20	22	24	26	28	32	34	38	40	44			
S	1111	1214	9	C1S12								715	11815	0.0 to 249 O/B		
S	1111	1311	7	C1S12								815				
S	1111	1316	6	C1S12								715				
S	1111	1412	7	C1S12								715				
S	1111	1419	1	C1S12								715				
S	1111	1515	2	C1S12								810				
S	1111	1611	2	C1S12								719				
S	1111	1618	0	C1S12								815				
S	1111	1714	4	C1S12								811				
S	1111	1811	6	C1S12								818				
S	1111	1817	4	C1S12								618				
S	1111	1913	5	C1S12								716				
S	1111	1919	0	C1S12								415				
S	1111	11015	7	C1S12								610				
S	1111	11111	5	C1S12								715				
S	1111	11117	6	C1S12								810				
S	1111	11121	7	C1S12								810				
S	1111	11131	0	C1S12								712				
S	1111	11131	6	1	C1S12							814				
S	1111	11141	2	C1S12								719				
S	1111	11141	8	2	C1S12							515				
S	1111	11151	4	C1S12								812				
S	1111	11161	0	5	C1S12							810				
S	1111	11161	6	C1S12								717				
S	1111	11171	3	C1S12								715				
S	1111	11181	0	6	C1S12							619				
S	1111	11181	6	7	C1S12							615				
S	1111	11191	3	1	C1S12							810				
S	1111	11191	8	8	C1S12							815				
S	1111	12101	4	9	C1S12							710				
S	1111	12111	1	1	C1S12							810				
S	1111	12111	7	2	C1S12							810				
S	1111	12121	3	7	C1S12							718				
S	1111	12121	9	9	C1S12							718				
S	1111	12131	6	2	C1S12							516				
S	1111	12141	3	1	C1S12							514				

Structural Log

Date: 22/4/81 Logged By: B.V.H.

Code	From		To		Feature	#	S ₀		S ₁		S ₂		Description
	10	14 16	20	22 24 26 28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S	1	1	121510	8	C1512	1	1	415	1010	715	1	1	
S	1	1	121516	6	C1512	1	1	317	2110	619	1	1	
S	1	1	121611	8	C1512	1	1	410	1010	619	1	1	
S	1	1	121617	3	C1512	1	1	212	1010	719	1	1	
S	1	1	121734	4	C1512	1	1	215	31310	712	1	1	
S	1	1	121719	5	C1512	1	1	514	1010	717	1	1	
S	1	1	121817	7	C1512	1	1	414	1010	815	1	1	
S	1	1	121914	0	C1512	1	1	510	11810	812	1	1	
S	1	1	131010	2	C1512	1	1	010	1010	814	1	1	
S	1	1	131016	5	C1512	1	1	316	1010	814	1	1	
S	1	1	131125	5	C1512	1	1	214	11810	717	1	1	
S	1	1	131118	8	C1512	1	1	416	11810	810	1	1	
S	1	1	131214	9	C1512	1	1	310	1010	716	1	1	
S	1	1	131310	1	C1512	1	1	310	1010	614	1	1	
S	1	1	131316	5	C1512	1	1	511	11810	716	1	1	
S	1	1	131412	6	C1512	1	1	512	11810	711	1	1	
S	1	1	131512	0	C1512	1	1	415	1010	711	1	1	
S	1	1	131610	9	C1512	1	1	410	11810	718	1	1	
S	1	1	131617	6	C1512	1	1	010	1010	710	1	1	
S	1	1	131714	5	C1512	1	1	417	1010	714	1	1	
S	1	1	131810	8	C1512	1	1	517	11810	714	1	1	
S	1	1	131816	9	C1512	1	1	510	11810	514	1	1	
S	1	1	131914	6	C1512	1	1	514	11810	514	1	1	
S	1	1	131919	9	C1512	1	1	615	1010	615	1	1	D ₃ fold 42/255
S	1	1	141015	3	C1512	1	1	315	1010	710	1	1	
S	1	1	141111	6	C1512	1	1	715	1010	715	1	1	
S	1	1	141116	0	C1512	1	1	315	1810	718	1	1	
S	1	1	141212	4	C1512	1	1	010	1010	610	1	1	
S	1	1	141219	1	C1512	1	1	715	1010	715	1	1	
S	1	1	141315	3	C1512	1	1	417	1010	716	1	1	
S	1	1	141411	3	C1512	1	1	512	31310	812	1	1	
S	1	1	141416	6	C1512	1	1	215	1010	715	1	1	
S	1	1	141513	0	C1512	1	1	215	11810	718	1	1	
S	1	1	141519	3	C1512	1	1	010	1010	810	1	1	
S	1	1	141615	4	C1512	1	1	412	1010	812	1	1	
S	1	1	141711	5	C1512	1	1	715	21710	810	1	1	

Structural Log

Date: 26/4/81 Logged By: B.V.H.

Code	From				To				Feature	SYM	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			32	34	38	40	44		
S	1	1	1		417	17	6	C1S12			218	217	10	814	1	1	
S	1	1	1		148	13	7	C1S12			619	1010	619	1	1		
S	1	1	1		148	19	5	C1S12			515	1010	515	1	1		
S	1	1	1		149	14	1	C1S12			612	1410	617	1	1		
S	1	1	1		1510	10	0	C1S12					610	1	1		
S	1	1	1		1510	17	1	C1S12			718	1010	718	1	1		
S	1	1	1		1511	14	2	C1S12			415	2170	713	1	1		
S	1	1	1		1512	10	3	C1S12			515	1010	515	1	1		
S	1	1	1		1512	16	4	C1S12			315	1010	814	1	1		
S	1	1	1		1513	12	5	C1S12			510	1010	510	1	1		
S	1	1	1		1513	18	2	C1S12			615	1010	715	1	1		
S	1	1	1		1514	14	4	C1S12			511	1010	711	1	1		
S	1	1	1		1515	10	7	C1S12			518	1010	615	1	1		
S	1	1	1		1515	16	8	C1S12					718	1	1		
S	1	1	1		1516	12	9	C1S12			714	11810	810	1	1		
S	1	1	1		1516	19	0	C1S12			510	11810	618	1	1		
S	1	1	1		1517	15	1	C1S12			613	1010	710	1	1		
S	1	1	1		1518	11	2	C1S12			617	1010	710	1	1		
S	1	1	1		1518	17	3	C1S12			618	1010	618	1	1		
S	1	1	1		1519	13	5	C1S12			617	1010	617	1	1		
	1	1	1														S ₂ in 4F is at an oblique angle to
	1	1	1														S ₂ in 4L, appears to be a rotation effect,
	1	1	1														couldn't find any faint foliations to
	1	1	1														see if omnia transposed
S	1	1	1		1519	19	5	C1S12			810	11810	717	1	1		
S	1	1	1		1611	11	7	C1S12					612	1	1		
S	1	1	1		1611	17	8	C1S12			413	1010	518	1	1		
S	1	1	1		1612	13	9	C1S12			510	11810	617	1	1		
S	1	1	1		1613	10	0	C1S12			712	1010	716	1	1		
S	1	1	1		1613	16	0	P1S12					612	1	1		
	1	1	1		1614	11	7	C1S12			010	1010	612	1	1		
S	1	1	1		1614	15	8	P1S12					718	1	1		
S	1	1	1		1615	12	9	P1S12					713	1	1		
S	1	1	1		1615	18	7	C1S12			810	11810	610	1	1		

ASSAY LOG (SAMPLER'S COPY)

CODE	FROM			TO			SAMPLE				INTR.				REC (m)				UNIT				DESCRIPTION		
	10	14	18	20	22	26	28	30	32	34	36	40	42	10	14	18	20	24	28	30	34	38		40	42
P	141818	2	141818	9	1191619	10	7	10	6	14L1713															
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
P	141910	2	141910	6	1191710	10	4	10	4	14G101															
P	141910	6	141911	2	1191711	10	6	10	6	14D1K16															
P	141911	2	141912	1	1191712	10	9	10	9	14C1715															
P	141912	1	141912	9	1191713	10	8	10	8	14A101															
P	141912	9	141913	4	1191714	10	5	10	5	14C101															
P	141913	4	141914	1	1191715	10	7	10	7	14A101															
P	141914	1	141916	1	1191716	12	0	12	0	14C1017															
P	141916	1	141917	9	1191717	11	8	11	8	14C1017															
P	141917	9	151010	0	1191718	12	1	11	9	14L1312															
P	151010	0	151010	3	1191719	10	3	10	3	14A171															
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
P	151113	7	151115	7	1191810	12	0	12	0	14C171															
P	151115	7	151117	7	1191811	12	0	12	0	14C171															
P	151117	7	151118	5	1191812	10	8	10	7	14C171															
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
P	151211	5	151213	5	1191813	12	0	12	0	14L171															
P	151213	5	151215	1	1191814	11	6	11	6	14L171															
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
P	151612	5	151614	5	1191815	12	0	11	8	14L171															
P	151614	5	151616	5	1191816	12	0	12	0	14L171															
P	151616	5	151618	6	1191817	12	1	12	1	14L171															
P	151713	3	151714	8	1191917	11	5	11	5	14L1214															
P	151714	8	151716	8	1191818	12	0	12	0	14L1116															
P	151716	8	151718	8	1191819	12	0	11	9	14L1116															
P	151718	8	151810	3	1191910	11	5	11	5	14L1116															
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
P	151910	4	151910	9	1191911	10	5	10	5	14G11															
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
P	151912	7	151912	9	1191912	10	2	10	2	14E111															
P	151912	9	151913	5	1191913	10	6	10	6	14G14															
P	151913	5	151913	7	1191914	10	2	10	2	14C101															
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
P	161014	4	161015	4	1191915	11	0	10	9	14E14															
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

EA 81-X-03

DIAMOND DRILL CORE LOG

Date: 29/5/81

Hole Number: EA81-X-03

Reference Fabric Orientation Diagram:

Project: DY

Location: YANGORDA PLATEAU

Claim: GALE 25

Terr. Plane Co-ords.: 6900 365.56 N

597073.48 E

Grid Co-ords: L15+00E

9005

Elevation: 1104.63

Total Depth: 1047.6 m

Purpose: Extend High grade zone of 80-x-10

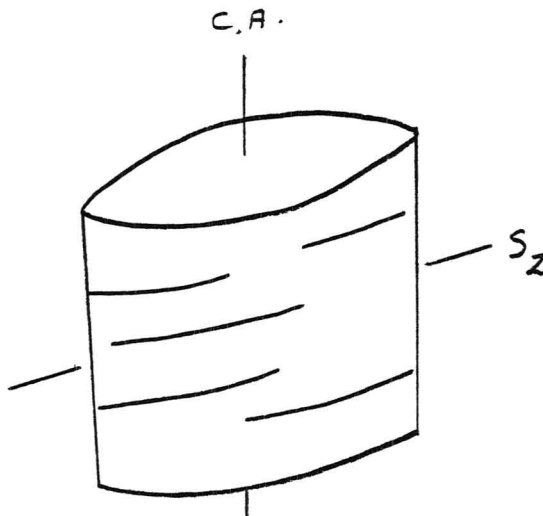
Reason hole Terminated: Mt. Myc, shutdown rock.

Logged by: BYH, GAG

Drilling Contractor: Arctic

Hole Cemented: bottom 300m.

Steel down hole: no



All symmetry determinations looking

NW with S₂ dipping

SW with dip azimuth 185.

Date(s) Logged: May 6th to May 31, 1981

Size	CORE From	To	Collar Cased and Capped: _____
<u>NQ</u>	<u>0</u>	<u>1047.6</u>	
_____	_____	_____	
_____	_____	_____	

Started: April 27, 1981, Completed: May 19, 1981

DDH EAB1X03
2 8

Diamond Drill Core Log

Date: 29/5/81 Logged By: BYH

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E						
1	2	8	10	16	17	24	25	32	34	39	41	42
T	EAB1X03	1104.63	16900365	5970731.5	METRES	S2						

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments					
1	2	8	10	14	22	26	28	32	34	56
R	EAB1X03	100	100	100	A.T. COLLAR					
R	EAB1X03	1300	175.9	327.0						
R	EAB1X03	1610	174.3	334.9						
R	EAB1X03	1910	172.6	343.1						
R	EAB1X03	11220	172.4	346.2						
R	EAB1X03	11520	173.3	330.3						
R	EAB1X03	11830	174.7	313.3						
R	EAB1X03	12130	174.5	278.2						
R	EAB1X03	12440	175.7	286.4						
R	EAB1X03	12740	176.4	291.0						
R	EAB1X03	13050	176.6	323.7						
R	EAB1X03	13350	175.0	332.4						
R	EAB1X03	13660	174.7	346.1						
R	EAB1X03	13960	172.5	357.7						
R	EAB1X03	14270	170.5	358.7						
R	EAB1X03	14570	169.5	352.0						
R	EAB1X03	14880	168.8	352.9						
R	EAB1X03	15180	168.4	354.7						
R	EAB1X03	15490	168.2	1.15						
R	EAB1X03	15790	167.5	1.14						
R	EAB1X03	16100	166.6	3.3						
R	EAB1X03	16400	165.0	5.6						
R	EAB1X03	16710	164.8	12.10						
R	EAB1X03	17010	165.0	16.3						

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions		
1	2	8	10	56

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	00	1305		001	*	OVERTURDEN
L	1305	13A1		2	5B6	COMMON BROKEN CORE TOWARD TOP OF UNIT;
L	13A1	1439		3	5B0	COMMON INTERCALATED PHYLLITIC MARBLE; SHORT INTERVALS OF SDG WITH SHARP CONTACTS AT 36.6-36.7, 37.4-37.6, 40.3-40.5 - ALL ASSOCIATED WITH QZ VEINS; Py only sparse
L	1439	1450		4	5B6	AS UNIT 002; Py only sparse
L	1450	1466		5	5B6	PREDOMINANTLY VERY FINE GRAINED MATERIAL, PARTIALLY DOLOMITIC
L	1466	1475		6	5B6	AS UNIT 002 WITH SECTIONS OF UNIT 5; Py only sparse
L	1475	1528		7	5B0	AS UNIT 3 WITH VERY SHORT SECTIONS OF SD ASS'D WITH QZ VEINS Py only sparse
L	1528	1535		8	5D1A	WELL LAM, INTERCALATED WITH 5B0; Py only sparse
L	1535	1549		9	5B0	AS UNIT 003;
L	1549	1585		110	5B6	AS UNIT 002;
L	1585	1593		111	5B6	AS UNIT 005;
L	1593	1627		112	5B0	AS UNIT 003;
L	1627	1642		113	5E5	+DOLOMITIC 5B0; DOLOMITIC LIGHT GREY ^{SILEX} 5E5 INTERLAMINATED WITH 5B0;
L	1642	1657		114	5D0	COMPRISE 50% ^{FOLIATED} CALCAREOUS NODULES IN A CHLORITIC-SETCZITIC MATRIX
L	1657	1668		115	5D6	FOLIATED WITH CHLORITIC NODULES; FOOTWALL CONTACT GRADES OVER 0.8m; CALCILICATE BAND AT 67.2m;
L	1668	1876		116	5B6	COMMON 5B0 BANDS; COMMON FINE GRAINED (UNIT 005) BANDS, OFTEN DOLOMITIC; SEVERAL 30cm QZ VEINS; sparse Py

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1876	1886		117	5B6	<u>GOUGE</u> 30cm RECOVERY &
L	1886	1916		118	5B6	Sparse Py
L	1916	1971		119	5B0	ABUNDANT CALCAREOUS SILTY BANDS; NOTE LOSS OF DOLOMITIC MATERIAL AND GRANITIC (RECRYSTALLIZED?) NATURE OF THE CALC BANDS GOING DOWN HOLE
L	1971	1985		120	5B0	AS UNIT 005 BUT PROD DOLOMITIC;
L	1985	11A2		121	5B0	AS UNIT 003 WITH SHORT 5B6 INTERVALS; Py only
L	11A2	11154		122	5E5	+5B0 - 5E5 IS ACTUALLY FINE GRAINED CALC BANDS SIMILAR TO 5B0 SILTY BANDS Py only
L	11154	11180		123	5B83	TRANSITION ZONE BETWEEN 5E5/5B0 AND 5D3 SPARSE Py
L	11180	11232		124	5D35	SOME 5E5 BANDS;
L	11232	11239		125	5C31	HIGHLY CALC AND FOLDED
L	11239	11381		126	5D35	AS UNIT 23; SHARP B FOOTWALL CONTACT
L	11381	11400		127	5C31	MASSIVE, FOLIATED, SOME CHLORITIC SPOTS; SHARP BASAL CONTACT.
L	11400	11417		128	5D35	AS UNIT 23;
L	11417	11439		129	5C31	AS UNIT 27;
L	11439	11552		130	5C31	AS UNIT 27 BUT WITH 4% ANKERITIC SPOTS (AMYGDULES?)
L	11552	11589		131	5G9	SOME CALCAREOUS SPOTING, MASSIVE, NO AMYGDULES(?);
L	11589	11699		132	5C31	AS UNIT 30;
L	11699	11760		133	5C0	AS UNIT 31;
L	11760	11838		134	5C31	AS UNIT 30;
L	11838	11843		135	5C31	<u>GOUGE</u>
L	11843	11918		136	5C38	0.1m CARBONATE NODS AT 191.4;
L	11918	11931		137	5C83	CHLORITIC SPOTS THROUGHOUT;
L	11931	11940		138	5C86	AS UNIT 37 BUT NON-CALC; QZ VEIN & BROKEN CORE AT FOOTWALL OF UNIT - <u>FAULT?</u>

Lithologic Log

Date: 11/8/81 Logged By: GAG/BVH

Core	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	119.40		120.16			39	5B13	AS UNIT 27;		
L	120.16		120.57			40	5B10	AS UNIT 003 BUT MORE FOLIATED/SHEARED; HANGING WALL CONTACT GRADATIONAL OVER 0.3m; Sparse Py		
L	120.57		120.62			41	5B10	LOST CORE - SOME RUBBLE IN COREBOX - <u>FAULT?</u>		
L	120.62		121.64			42	5B10	AS UNIT 40; Sparse Py		
L	121.64		121.67			43	5B10	<u>GOUGE</u>		
L	121.67		122.81			44	5B10	SHORT GOUGE ZONES AT 218.2 AND 219.2m; AS UNIT 40; Sparse Py		
L	122.81		123.12			45	5B16	COMMON QZ-VNS Sparse Py		
L	123.12		125.33			46	5B10	AS UNIT 40; Py ONLY		
L	125.33		125.51			47	5B10	<u>GOUGE</u> AND BROKEN CORE		
L	125.51		126.39			48	5B10	AS UNIT 40; SHORT GOUGE ZONES AT 258.0-258.1, 263.0-263.2m;		
L	126.39		126.81			49	5B10	<u>GOUGE</u> AND BROKEN ROCK.		
L	126.81		126.97			50	5B183	GENERALLY AS UNIT 40; LOCALLY SIMILAR TO 5D3;		
L	126.97		127.13			51	10Q101	QZ VEIN		
L	127.13		131.10			52	5B10	AS UNIT 40; Dotted Py some Py in Py		
L	131.10		131.10			53	5B10	zone of broken core and gouge.		
L	131.10		134.10			54	5B10	some multiphase quartz veins. present, some of which contain ankerite.		
L	134.10		134.48			55	5B183	slightly more chloritic than #54, matrix chloritic.		
L	134.48		136.24			56	5B10	common qtz-ankerite veins,		
L	136.24		136.39			57	5B161			
L	136.39		136.95			58	5B16	same as #56		
L	136.95		137.10			59	5B10	gouge zone, past D2.		
L	137.10		137.22			60	5B10	Same as #56		
L	137.22		137.52			61	5B161			
L	137.52		138.09			62	5B10	Same as #56.		
L	138.09		138.63			63	5B161			

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	138163	139100		1614	51B10	same as #56
L	139100	139132		1615	51B16	
L	139132	139157		1616	51B16	zones of broken core and gouge.
L	139157	139162		1617	51B16	
L	139162	139179		1618	51B16	zones of broken core and gouge.
L	139179	140148		1619	51B16	
L	140148	140193		1710	51B10	
L	140193	141136		1711	51B16	
L	141136	141159		1712	51B10	
L	141159	141169		1713	51B16	chlorite surrounding qtz veins
L	141169	142109		1714	51B10	
L	142109	142158		1715	51B16	
L	142158	142172		1716	51B10	Boring
L	142172	143101		1717	51B16	
L	143101	143158		1718	51B10	more Boring
L	143158	143174		1719	51B16	
L	143174	144106		1810	51B10	
L	144106	144163		1811	51B16	
L	144163	144180		1812	51B10	
L	144180	144182		1813	51B10	gouge zone
L	144182	144191		1814	51B10	
L	144191	145123		1815	51B16	zones of broken core and gouge, common qtz veins
L	145123	145164		1816	51B16	
L	145164	145172		1817	51B10	
L	145172	145191		1818	51B16	
L	145191	146171		1819	51B10	
L	146171	147130		1910	51B16	
L	147130	148164		1911	51B10	
L	148164	148196		1912	51B16	gouge zone.
L	148196	149151		1913	51B16	abundant quartz veins
L	149151	149170		1914	51B10	
L	149170	150120		1915	51B16	
L	150120	150165		1916	51B10	

Code	From		To		Recov.		No.		Unit	Description
	10	14	16	20	22	24	26	28		
L	150165		15081				917		5B16	Boring, post S ₂ bx at footwall gouge zone
L	15081		15084				918		5B16	
L	15084		15112				919		5B16	
L	15112		15186				1000		5B10	
L	15186		15201				1101		5B16	
L	15201		15225				1102		5B10	
L	15225		15353				1103		5B16	abundant gtz veins, minor chl.
L	15353		15365				1104		5B10	
L	15365		15367				1105		5B10	gouge zone
L	15367		15370				1106		5B16	
L	15370		15393				1107		5B10	gouge and broken core.
L	15393		15398				1108		5B10	
L	15398		15407				1109		5B10	zone of broken core.
L	15407		15444				1110		5B10	
L	15444		15451				1111		5B10	zone broken core, post D ₂
L	15451		15564				1112		5B16	
L	15564		161046				1113		5B10	
L	161046		161053				1114		5B10	zone of broken core.
L	161053		162119				1115		5B10	
L	162119		16237				1116		5B16	
L	16237		16286				1117		5B10	
L	16286		16288				1118		5B10	zone of broken core.
L	16288		16408				1119		5B10	
L	16408		16410				1120		5B10	
L	16410		16622				1121		5B10	(5B73) towards footwall
L	16622		161664				1122		5B713	minor chloritic bands,
L	161664		161714				1123		5B10	
L	161714		161734				1124		5B10	zone of broken core and gouge, post D ₂ ,
L	161734		168172				1125		5B10	less calcareous and more chloritic than #119.
L	168172		161911				1126		5B713	more chloritic in matrix than #124, some bands of very pale green chlorite.
L	161911		161918				1127		5B216	Lacks lithon structures
L	161918		161954				1128		5B10	

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	16954	16955							1219	5B101	gouge zone, post D ₂
L	16955	16994							1310	5B101	
L	16994	17024							1311	5B101	abundant calcareous veins, post D ₂ , minor chloritic bands
L	17024	17040							1312	5B173	chloritic bands ~ 2-5 cm wide, possible carbonated clasts
L	17040	17044							1313	5D3	possible carbonated clasts indicating a pyroclastic origin brecciated, abundant carbonate veins.
L	17044	17056							1314	5D3	(5B73), chloritic lithons visible, possible replacement of carbonate bands
L	17056	17070							1315	5D3	[5C3] pale green in colour carbonate mainly in matrix.
L	17070	17074							1316	5D3	
L	17074	17080							1317	5B101	slightly calcareous
L	17080	17095							1318	5D3	calcareous matrix, py lamination
L	17095	17101							1319	5B217	-5B273 grading into 5A3 in places, minor chl-carbonate bands
L	17101	17138							140	5B213	
L	17138	17153							141	5C3	very calcareous, speckled appearance due to disseminated carbonate clasts.
L	17153	17164							142	5C3	pale green in colour, possibly due to alteration.
L	17164	17167							143	5D3	
L	17167	17186							144	5C3	same as #141
L	17186	17196							145	5D3	same as #142
L	17196	17241							146	5C3	same as #141
L	17241	17247							147	5C3	gouge zone.
L	17247	17269							148	5A19	same as 80-X-12 minor py laminations hosted in a chert.
L	17269	17287							149	5B211	-5B2173 calcareous and chloritic bands

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	17210	7	17313	4					1510	5B161		
L	17313	4	17313	9					1511	5D131	non-laminated, similar to #142.	
L	17313	9	17314	6					1512	5B213		
L	17314	6	17315	1					1513	5D131		
L	17315	1	17316	5					1514	5B101	Lacks litho structures.	
L	17316	5	17318	3					1515	5B211	-5B213 zone of broken core and abundant gouge,	
L	17318	3	17319	9					1516	5A113	bx increasing towards the fault, possibility of dyke being replaced along a fault. bx silicified at dyke contacts.	
L	17319	9	17410	8					1517	10D219	abundant gouge hanging wall contact, roughly foliaform, plug altered to kaolinite and montmorillonite.	
L	17410	8	17410	9					1518	10D27	-00278 minor Hb.	
L	17410	9	17419	9					1519	10D217	matrix finer grained and lighter in colour, some bt altered to chl.	
L	17419	9	17512	5					1610	10D29	-00297 some large phenocrysts	
L	17512	5	17717	5					1611	10D27	same as #157	
L	17717	5	17718	4					1612	10D179	gradational between #159 & 161	
L	17718	4	17811	0					1613	10D191	completely altered to kaolinite, no phenocrysts visible.	
L	17811	0	17813	1					1614	10D27	-00279, matrix darker than #163, large phenocrysts visible	
L	17813	1	18016	3					1615	10D27	matrix white, minor patches of kaolinite alteration, associated about veins	
L	18016	3	18101	7					1616	10D29	alteration mainly along veins	
L	18101	7	18111	3					1617	10D21	bt phenocrysts altered to chl.	
L	18111	3	18113	4					1618	10D27		
L	18113	4	18114	9					1619	10D29		
L	18114	9	18116	2					1710	10D21	Same as #165	
L	18116	2	18117	7					1711	10D27	fine grained, siliceous in appearance	

Lithologic Log

Date: 27/5/81 / Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	181177	181182		1712	5A10	gouge, some intrusive veins suggesting the lower portion of the dyke #171 is not a fault repeat.
L	181182	181373		1713	0D127	same as #169.
L	181373	184108		1714	0D217	matrix darker than #171, resembling more a border phase
L	184108	184110		1715	0D219	plag altered to montmorillonitic, matrix altered to kaolinite.
L	184110	184112		1716	0D219	gouge zone, fault may root in the altered portions, or the alteration may be a function of solutions travelling along the fault.
L	184112	184116		1717	0D219	same as #173
L	184116	185135		1718	0D217	same as #172 (0D219) in small patches, some xenoliths of more mafic material, abundant broken core
L	185135	185136		1719	0D219	fault wall 5A appears to be in fault contact, possibility of this dyke sequence being a fault repeat, to account for its abnormal thickness.
L	185136	185164		1810	5B16	
L	185164	187143		1811	5B16	paucity of Qtz-anterite veins
L	187143	187197		1812	5B213	slightly calcareous in places, carbonaceous bands present.
L	187197	187198		1813	5B216	gouge zone
L	187198	188110		1814	5B216	
L	188110	188140		1815	5B16	minor carbonaceous bands
L	188140	188144		1816	5B16	gouge zone
L	188144	188911		1817	5B213	carbonaceous laminations
L	188911	189233		1818	5B0	slightly calcareous, minor

Lithologic Log

Date: 27/5/81 Logged By: BVH

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L	18923		18936				189		5B26		
L	18936		18946				190		5B23		
L	18946		19023				191		5B01		
L	19023		19065				192		5B61		
L	19065		19066				193		4444		metamorphic flame textures sulphides elongated along foliation
L	19066		19089				194		4479		
L	19089		19160				195		5B61		
L	19160		19161				196		5B61		gouge zone
L	19161		19168				197		5B61		
L	19168		19179				198		5B61		gouge zone
L	19179		19195				199		5B61		
L	19195		19200				200		4477		grading into 4H, brecciated clasts of 4L enclosed in a pyrrhotitic matrix
L	19200		19209				201		4E1816		laminations of magnetite and barite, minor clasts of quartz with cpy, minor sph + gal. towards footwall
L	19209		19221				202		44171		gradational with #203, clasts and laminations of 4L, cpy in tension gashes.
L	19221		19232				203		5B216		minor po-cpy bands towards the footwall.
L	19232		19233				204		4E1811		clasts of gtz and magnetite
L	19233		19278				205		4A101		sulphide content very low, gradational with 5A19, especially towards the hanging wall
L	19278		19307				206		5B161		gradational to 460. faintly altered, rock has a bleached appearance, siliceous and calcareous at hanging wall.
L	19307		19313				207		5B216		siliceous at footwall, immediately overlying #210 for 10 cm.
L	19313		19317				208		4E1816		not as magnetic as #203

Lithologic Log

Date: 28/5/81 Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description						
	10	14	16	20	22	24	26	28	30	34	35	
L	191311	191317		2109	14C81	siliceous at footwall gradational with 4E68, non magnetic at footwall						
L	191312	191316		2110	14A101	siliceous of 4D0 at hanging wall, possible fold repeat.						
L	191316	191317		2111	14L112	(4C0) resembles 4C0, minor 4L bands.						
L	191317	191318		2112	15A11	resembles 4A without the sulphides.						
L	191318	191319		2113	14A01	sulphide (py) content increased over #214, very siliceous						
L	191319	191410		2114	14L01	with interbands of 5A, minor laminations of py.						
L	191410	191417		2115	14L117	(4C7) laminations of 4L minor						
L	191417	191432		2116	14L17	typical 4L, gradational to 4L37						
L	191432	191434		2117	14L17	gouge zone						
L	191434	191509		2118	14L17	typical 4L7						
L	191509	191512		2119	14C15	4L bands at footwall.						
L	191512	191514		2120	5B21	- 5B216						
L	191514	191517		2121	14L01	abundant secondary qtz veins						
L	191517	191532		2122	5A11	gradational with 4A, sulphide content low, py increasing towards footwall.						
L	191532	191537		2123	14L101	sulphide content <15%.						
L	191537	191543		2124	14C1517	matrix dark due to carbonaceous content.						
L	191543	191567		2125	14A101							
L	191567	191575		2126	14A4	fine laminations of sph-gul.						
L	191575	191582		2127	14A01							
L	191582	191618		2128	14G8*	grading into 4C-4B, minor cpy, carbonate in bands, mag in laminations, grade decreasing towards footwall						
L	191618	191647		2129	14C18	gradational to 4E18, minor sph- gul bands, cpy in quartz bands as tension gashes						

Lithologic Log

Date: 28/5/81 Logged By: BYH

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
L	1916	147	1916	54					2130	4EB	siliceous patches at footwall.	
L	1916	54	1916	62					2131	4C-B*	carbonate mixed in with baritic bands, grade very low	
L	1916	62	1916	67					2132	4L1	grading into 5B6 at the footwall.	
L	1916	67	1916	84					2133	4C-B*		
L	1916	84	1916	93					2134	4EB		
L	1916	93	1917	36					2135	4C-B*		
L	1917	36	1917	63					2136	4A6B	similar to #237 except for the gtz-ankerite clots	
L	1917	63	1917	75					2137	4A10	thin laminations of sph. gradational to 4A4.	
L	1917	75	1917	80					2138	5A10		
L	1917	80	1917	83					2139	4E10		
L	1917	83	1917	88					2140	5A11	matrix siliceous, gtz veins at hanging wall.	
L	1917	88	1918	29					2141	5A10		
L	1918	29	1918	50					2142	5B26		
L	1918	50	1919	70					2143	5B6	grading into 5B26 at depth.	
L	1919	70	11011	35					2144	5A10		
L	11011	35	11044	76					2145	3GA	random gtz veins	
											END OF HOLE	

Structural Log

Date: 11/5/81 Logged By: GAG

Code	From		To		Feature	E S ₀	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				1355	CSZ	Z			67	180	88	1185	
S				1404	CSZ	S			76	100	84		Z
S				1470	CSZ	Z			74	180	84		Z
S				1539	CSZ	S			60	100	81		Z
S				1607	CSZ				67	100	75		Z
S				1635	CSZ	M			00	100	83		M-REGION
S				1701	CSZ				00	100	75		"
S				1778	CSZ	S			60	100	78		S
S				1844	CSZ	M			00	100	86		
S				1902	CSZ				00	100	80		
S				1962	CSZ	S			56	100	70		S
S				11017	CSZ				64	00	88		S
S				11090	CSZ				67	100	88		S
S				11150	CSZ	M			00	100	86		
S				11210	CSZ	S			48	100	54		S
S				11285	CSZ	M			00	100	66		
S				11351	CSZ	S			48	100	74		? S S ₃ = 42/180
S				11418	PSZ						63		IN SC/D
S				11486	PSZ						64		
S				11539	PSZ						62		
S				11600	PSZ						70		
S				11655	PSZ						37		
S				11725	PSZ						42		
S				11787	PSZ						64		
S				11859	PSZ						66		
S				11914	CSZ	Z			22	180	81		? Based on NODULE PATTERNS
S				11986	CSZ	S			58	100	63		
S				12053	CSZ				73	100	82		
S				12113	CSZ				77	100	84		Z
S				12187	CSZ	Z			85	180	80		Z
S				12246	CSZ	S			80	100	86		Z
S				12312	PSZ						90		
S				12373	CSZ	D			71	270	68		CLEAVAGE/BEDDING
S				12426	CSZ	M			00	100	78		
S				12498	CSZ	Z			80	180	76		S
S				12526	CSZ	S			54	100	77		S

Structural Log

Code	From		To		Feature	S ₁ M	S ₀		S ₁		S ₂		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.	
	10	14	16	20	22	24	26	28	32	34	38	40	44
S				12516	9	CIS	ZS			74	1010	818	
S				1263	7	PS	ZP					74	
													FAULT ZONE
S				1269	4	CS	ZS			710	1010	813	
S				1277	9	CS	ZZ			910	1010	810	QZ VEIN
S				1283	6	PS	Z					72	
S				1289	7	CIS	ZS			616	010	82	
S				1294	0	CIS	ZM			58	11810	84	
S				12916	9	CIS	Z3			010	1010	615	
S				1299	7	CIS	ZM			812	11810	73	
S				1310	110	CIS	Z5			55	1010	72	
S				1310	176	CIS	Z2			50	1010	72	
S				1311	45	CIS	Z			42	1010	710	
S				132	107	CIS	Z			60	1010	710	
S				132	170	CIS	Z			60	1010	810	
S				132	95	CIS	Z5			65	1010	82	
S				133	25	CS	ZZ			514	1010	72	
S				133	37	CIS	Z5			72	11810	810	
S				133	178	CIS	Z			515	11810	815	Fold repeat visible.
S				134	107	CS	ZM			010	1010	710	
S				134	194	CS	ZS			50	1010	54	
S				135	138	CIS	Z			815	1010	72	
S				136	107	CIS	Z5			810	11810	810	
S				136	132	CIS	Z					83	
S				136	49	CS	Z5			710	1010	813	
S				136	180	CIS	Z			515	1010	715	F5 folds 15/00
S				137	135	CS	Z			510	1010	810	
S				137	196	CIS	ZΣ			010	1010	82	
S				138	155	CS	Z					48	
S				139	116	CS	Z			811	11810	615	
S				139	156	CS	ZZ			718	11810	613	
S				140	114	CIS	Z					711	
S				140	161	CIS	Z5			75	11815	613	Fold repeat visible
S				141	136	CIS	Z			718	11810	710	
S				141	183	CIS	ZZ			79	11810	711	
S				141	194	CS	ZS			910	1010	615	

Structural Log

Date: 22/5/81 Logged By: BVH

Code	From				To				Feature	SYE	S ₀		S ₁		S ₂		Description
	10	14	16	20	22	24	26	28			Dip	Direct.	Dip	Direct.	Dip	Direct.	
S				14212	2	C1S12	M				010	1010	615				
S				14214	1	C1S12	D				410	1910	610				
S				14216	3	C1S12	S				513	1010	815				
S				14311	2	C1S12	Z				515	1010	810				
S				14313	6	C1S12	S				512	1010	812				
S				14316	6	C1S12	Z				815	1010	716				
S				14319	5	C1S12	M				712	11810	715				
S				14411	0	C1S12	S				517	11810	814				
S				14412	6	C1S12	Z				618	11810	712				
S				14414	6	C1S12	M				412	1010	710				
S				14418	3	C1S12	S						810				
S				14515	7	C1S12	Z				813	11810	810				
S				14519	0	C1S12	S				518	1010	715				
S				14611	4	C1S12	Z				618	11810	713				
S				14615	2	C1S12	M						813				
S				14617	6	C1S12	Z				610	11810	715				
S				14710	6	C1S12	S				817	11810	710				
S				14711	8	C1S12	Z				612	11810	815				
S				14714	0	C1S12	S				815	11810	710				
S				14719	0	C1S12	M				612	1010	715				
S				14810	5	C1S12	Z				518	11810	710				
S				14813	6	C1S12	S				518	1010	810				
S				14916	7	C1S12	Z				817	11810	810			F ₃ folds 34/270°	
S				15012	0	C1S12					910	1010	717				
S				15014	1	C1S12	S				610	1010	717				
S				15016	5	C1S12	M				010	1010	812				
S				15111	1	C1S12							815				
S				15117	2	C1S12	Z				615	11810	710				
S				15119	0	C1S12	S						717				
S				15211	5	C1S12	Z				617	11810	718				
S				15213	4	C1S12	S						716				
S				15215	3	C1S12	M						511				
S				15219	9	C1S12	S				610	11810	713				
S				15311	3	C1S12	M				712	11810	511				
S				15318	0	C1S12	S						712				
S				15412	4	C1S12	Z				010	21310	510			F ₅ fold 27/270°	

Structural Log

Code	From			To			Feature	S/F	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24			26	28	32	34	38	40		44
S				15145	2	CIS12	M							812		
S				15146	7	CIS12	Z				010	1910	810			
S				15149	2	CIS12								711		
S				15155	8	CIS12	S				315	1010	712			
S				15157	6	CIS12	M							717		
S				15162	9	CIS12					612	1010	717			
S				15166	9	CIS12	Z				618	1140	812			
S				15174	2	CIS12	S				615	1010	810			
S				15175	8	CIS12	Z				010	1010	712			
S				15179	5	CIS12	M				815	1010	718			
S				15184	9	CIS12	S				44	1010	710			
S				15190	4	CIS12					810	11810	715			
S				15196	5	CIS12					010	1010	810			
S				16100	6	CIS12	Z				812	11810	814			
S				16105	8	CIS12	M							818		
S				16109	3	CIS12	Z				70	11810	719			
S				16110	7	CIS12	S				55	1010	814			
S				16117	5	CIS12								710		
S				16124	9	CIS12	M				614	1010	812			
S				16127	7	CIS12	Z				811	11810	710			
S				16133	0	CIS12					45	1010	716			
S				16139	1	CIS12					615	11810	515			
S				16145	2	CIS12					010	1010	712			M region
S				16152	8	CIS12	M				410	11810	615			Fs fold 5/230
S				16154	4	CIS12	S							815		
S				16157	2	CIS12	M				32	1010	810			
S				16161	0	CIS12	S				715	1010	814			
S				16162	0	CIS12	Z				710	1010	717			
S				16165	7	CIS12	M				617	1180	615			
S				16172	1	CIS12					818	1010	715			
S				16175	0	CIS12	Z				515	11810	718			
S				16180	3	CIS12					815	11810	718			
S				16188	1	CIS12	S				010	1010	517			
S				16190	2	CIS12	Z				010	1010	811			
S				16195	8	CIS12					815	1010	712			
S				16198	9	CIS12	S				615	11810	716			

Structural Log

Code	From			To			Feature	E N	S ₀		S ₁		S ₂		Description	
	10	14	16	20	22	24			26	28	32	34	38	40		44
S				170140	P	S	12	R						515		
S				170155	C	S	12	Z			418	118	10	614		
S				171123	C	S	12	S						72		
S				1711179	C	S	12	R			318	1010		518		
S				172143	C	S	12	S						710		
S				172182	C	S	12	Z			010	1090		617		F _s fold 45/90
S				173139	P	S	12	P			812	1010		615		
S				173140	C	S	12	Z						70		
S				1815138				R						510		Dyk = 7340 - 853.8
S				1815186	C	S	12							618		
S				1816126	C	S	12	S			510	1010		618		
S				1816142	C	S	12	Z			715	11810		718		
S				1817114	C	S	12							715		
S				1817169	C	S	12				415	1910		712		
S				1818116	C	S	12	S			310	1010		510		
S				1818120	C	S	12	Z			715	11810		410		
S				1818178	C	S	12	S			415	1010		612		
S				1819121	C	S	12							610		
S				1819182	C	S	12							712		
S				1910143	C	S	12							713		
S				1910174	C	S	12	D						610		
S				1911101	C	S	12	Z			810	11810		718		
S				1911116	C	S	12	H						910		
S				1911135	C	S	12				310	21710		810		
S				1911170	C	S	12	Z			610	11810		512		
S				1912142	C	S	12	M			510	11810		618		
S				1912166	C	S	12	S			417	1010		612		
S				1913116	C	S	12	D						618		
S				1913147	C	S	12	S			210	1010		515		
S				1914110	C	S	12							610		
S				1914171	C	S	12							613		
S				1915138	C	S	12	D			010	1910		710		
S				1915157	C	S	12	Z			512	11810		714		
S				1915181	C	S	12	D						614		
S				1916154	P	S	12							512		
S				1917115	P	S	12							617		

Structural Log

Code	From		To		Feature	SYM	S ₀		S ₁		S ₂		Description	
	10	14	16	20			22	24	26	28	32	34		38
S				1917	176	P1S12	R					810		Massive sulphides 958.1 to 978.3
S				1918	137	P1S12						615		F ₃ fold 220/50
S				1918	178	P1S12						612		
S				1919	147	P1S12						715		
S				1101	010	8 P1S12						515		
S				1101	016	7 P1S12						810		F ₃ fold 200/25
S				1101	114	0 P1S12	P					512		F ₃ fold 210/32
S				1101	210	0 C5D5			35	1010		618		
S				1101	217	4 P1S12						517		
S				1101	313	6 P1S12						717		
S				1101	412	1 P1S12						712		
S				1101	417	6 P1S12						817		
														END OF HOLE

CODE	FROM		TO		SAMPLE				INTR.		REC (m)		UNIT		DESCRIPTION
	1	10	14	16	20	22	26	28	30	32	34	36	40	42	
P	1910	165	1910	185	12410	103	120	11	8	14L179					
P	1911	195	1920	0	12410	104	105	10	5	14L171					
P	1912	100	1912	109	12410	105	109	10	9	14E1816					
P	1912	109	1912	21	12410	106	112	11	1	14C171					
P	1912	132	1912	152	12410	107	120	12	0	14A101					
P	1912	152	1912	170	12410	108	120	12	0	14A101					
P	1912	170	1912	178	12410	109	108	0	7	14A101					
P	1913	113	1913	117	12411	110	104	10	4	14E1816					
P	1913	117	1913	122	12411	111	105	10	6	14G181					
P	1913	122	1913	142	12411	112	120	12	0	14A101					
P	1913	142	1913	162	12411	113	120	12	0	14A101					
P	1913	162	1913	169	12411	114	107	10	8	14A101					
P	1913	169	1913	179	12411	115	120	10	8	14L112					
P	1914	110	1914	117	12411	116	107	10	7	14L117					
P	1914	117	1914	137	12411	117	120	12	0	14L171					
P	1914	137	1914	157	12411	118	120	1	3	14L171					
P	1914	157	1914	177	12411	119	120	12	0	14L171					
P	1914	177	1914	197	12412	120	120	12	0	14L171					
P	1914	197	1915	109	12412	121	112	11	0	14L171					
P	1915	109	1915	112	12412	122	103	10	3	14C151					
P	1915	132	1915	143	12412	123	111	11	1	14C1517					
P	1915	143	1915	167	12412	124	124	12	4	14A101					
P	1915	167	1915	175	12412	125	108	10	7	14A14					
P	1915	175	1915	182	12412	126	107	10	7	14A101					
P	1915	182	1916	102	12412	127	120	11	9	14G1*					
P	1916	102	1916	118	12412	128	116	11	5	14G1*					
P	1916	118	1916	138	12412	129	120	12	0	14C181					
P	1916	138	1916	147	12413	130	109	10	9	14C181					
P	1916	147	1916	154	12413	131	107	10	7	14E181					
P	1916	154	1916	162	12413	132	108	10	8	14G181*					
P	1916	162	1916	167	12413	133	105	10	5	14L111					

