



# DIAMOND DRILL HOLE HEADER LOG

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DATE OCT 196

LOGGED BY: J.T. KELLNER

HOLE ID: 96 GRM-05

REFERENCE FABRIC ORIENTATION DIAGRAM

PROJECT: GRUM

CLAIM: \_\_\_\_\_

UTM CO-ORDS: 

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 N  
E

MINE GRID CO-ORDS: 

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 N  
E

ALL SYMMETRY DETERMINATIONS LOOKING

WITH \_\_\_\_\_ DIPPING

ELEVATION: \_\_\_\_\_ (m)

WITH DIP AZIMUTH \_\_\_\_\_

TOTAL DEPTH: 282.5 (m)

AZIMUTH: \_\_\_\_\_ INCLINATION: \_\_\_\_\_

PURPOSE: GRUM N. FACE O/P EXPANSION

REASON HOLE TERMINATED: RODS STUCK, BUASTED FREE; LEFT BIT, CORE BARREL 1 ROD D/H.

LOGGED BY: J.T. KELLNER

DATE(S) LOGGED: OCT 12 - 22 '96

DRILLING CONTRACTOR: ADVANCE DRILLING

### CORE SIZES

HOLE CEMENTED: \_\_\_\_\_

SIZE FROM TO

STEEL DOWN HOLE: 10' EASING PULLED

LINK 3.0 2,82.5

COLLAR CASED AND CAPPED: NO/NO

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STARTED: OCT 2 /96

COMPLETED: OCT 10 /96

LITHOLOGIC LOG

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Core Size: NQ

Date: Oct 12

Logged By: J.T. KELLNER

FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
100	300	0		82	CASING.
30	102	8	1	410 P <sub>1g</sub>	CALCAREOUS PHYLLITE w/ WK GRAPHITE; MED TO MED DRK GREY, 2-3% BULL WHITE QTZ UNCS UP TO 8cm; $\leq$ 1% PYRITE IN BLEBS // TO FOL.
102	453	9	2	40 P <sub>1g</sub> (44s)(47) 85:12:3	CALCAREOUS PHYLLITE AS ABOVE BUT WITH OCCASIONAL METABASITE "FINGERS" UP TO 1.1m WIDE. 44 & 47 ARE PALE LT. GREEN w/ WK TO MOD SERICITE DEVELOPMENT. OVERALL, 2 TO 3% QTZ/CARB UNING, AVE < 6cm, UNE BULL WHITE ONE 2cm, w/ STR CHLORITE @ CONTACTS.
453	515	8	3	40 P <sub>1g</sub> (49g) 915:5	BROKEN CALC. PHYLLITE w/o METABASITE & w/ HIGHER GRAPHITE CONTENT. MED DRK TO DRK GREY; FOLIATION IS VERY CONTORTED; TRACES OF PYRITE AS SMEARS ALONG FRACT. SURFACES. - BROKEN FAULT GOUGE MATERIAL FROM 52.1 TO 52.5m, NO DISCERNABLE CONTACTS.
515	708	9	3	40	CALC. PHYLLITE, SILVERY GREY w/ LITTLE OR NO GRAPHITE, 1 TO 2% QTZ/CARB UNCS $\leq$ 11cm, AND TRACES OF PYRITE ALONG FRACTURES - LOCALLY A SLIGHT GREENISH TINGE (WK CHLORITE??); OCCASIONALLY SOFTER, SEMI-SHEARED MATERIAL.
708	781	8	4	30 (441)(30P)	GRAPHITIC PHYLLITE; VERY BLACK w/ UP TO 10% WHITE QTZ/CARB UNCS T/O. TRACES OF PYRITE (VERY LITTLE), AND SMALL METABASITE OR CHLORITIC PHYLLITE FINGERS. W/C QUITE RUBBLY & FAULTED (70.8 - 71.5); FAULTS @ 75.4, 77.2-77.3, & 77.9-78.1m.

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
78.1	106.9	9	5	40g (44) 89:20	CALC PHYLLITE w METABASITE/CHLORITIC PHYLLITE INTERVALS. GENERALLY A SILVERY MED TO DRK GREY, w PALE LT TO MED GREEN. 3 TO 4% QTZ/CARB UNING UP TO 0.5cm WIDE, NO SX. METABASITE FROM 81.4-82.8m, 90.3-90.6m, 101.3-105.1m.
106.9	109.4	9	6	3PZWLg or 2PZWLg	GRAPHITIC PHYLLITE w MOD TO STR SILICIFICATION OR "RIBBON BANDED" QTZITE w MOD GRAPHITE TO. VERY BLACK, VERY HARD, NO GRAPHITE RUBS OFF ON YOUR FINGERS. 2 TO 5% PYRITE & 2-3% SPHAL IN MED TO COARSE-GRN'D BANDS    TO FOL., w or w/o QTZ UNLETS (5% OVERALL.)
109.4	117.3	9	7	401g (9) 85:15	CALC PHYLLITE w 15% BULL WHITE QTZ UNING UP TO 50cm. ROCK IS PALE MED GREY, WELY SILICIFIED, w WK SERICITE DEVEL. NEAR END OF INTERVAL AS 44 IS REACHED.
117.3	129.6	9	8	4415	METABASITE w PELICT TEXTURES, MED TO COARSE GRN'D; BLEACHED GREEN TO GREY w PALE YELLOW SERICITE BANDS. NO SX SEEN; ONE FAULT @ 123.3-123.4m; NO SX. WELL FOLIATED, w SOME PROMINANT DISTORTION.
129.6	131.1	9	9	3ZGRs	PYRITIC QTZITE OR POSSIBLY SILICIFIED MINERALIZED METABASITE. PALE LT GREY w MUSTARD YELLOW + GREEN BANDS; 2 TO 3% PYRITE, 3 TO 4% SPHAL, & 3 TO 4% GALENA IN F.G. BANDS UP TO 4mm WIDE,    TO FOL. ALSO DISSEM & GLOBULAR SPHAL IN THE UPPER SEGMENT (~1.2m). SERICITE IS STRONG @ TOP, v DOWNHOLE.

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Date: \_\_\_\_\_

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
131.1	150.6	8	110	2P6ZR (47jtqs) 92:18	RIBBON BANDED QTZITE; MED TO DRK GREY; 5 TO 8% PYRITE AS F.G. BANDS OR GLOBULAR XTALS; 3 TO 5% SPHAL & 2 TO 3% GALENA AS F.G. BANDS    TO FOL. BRITTLE BRECCIA FROM 135.6 - 136.8m; CHLORITIC PHYLLITE FROM 144.8 - 145.9m, w "FUCHSITE" AND TALC. 1 TO 2% PYRITE & SPHAL NEAR CONTACT AREAS. INTERVAL IS QUITE BROKEN.
150.6	152.2	9	111	47jtql (3P2GR) 95:5	CHLORITIC PHYLLITE OR STR ALTD METABASITE; PALE GREEN-YELLOW w STRONG "FUCHSITE" & TALC DEVELOPMENT IN THE MIDDLE OF THE INTERVAL. MINOR BLEACHED QTZITE FINGERS w/in; UP TO 9cm, REG. GRADE. BLEACHING OF QTZITE @ CONTACTS, REMOVAL OF GRAPHITE COMPONENT.
152.2	155.4	9	112	2P7GR (47sq) 95:15	REG. GRADE RIBBON QTZITE; BLEACHED MED GREY NEAR 47 CONTACTS TO DRK GREY & BLACK w BRONZE BANDS. ~5% PYRITE IN F.G. BANDS & BLOBS < 3mm; 3 TO 4% SPHAL & ~2 GALENA IN F.G. BANDS, ALL    TO FOL.
155.4	156.1	9	113	47sjt	CHLORITIC PHYLLITE SIMILAR TO INTERVAL 2 ABOVE. STRONG SER & "FUCHSITE" GIVES A PALE MUSTARD YELLOW COLOUR. TRACES OF PYRITE IN THIS ONE. HAS BLEACHED THE 2P2GR CONTACTS ON BOTH ENDS (NO GRAPHITE LEFT, ALMOST A 3P2GR!).
156.1	161.0	8	114	2P7GR R	RIBBON QTZITE, 90% REG. GRADE, POSSIBLY 10% HIGH GRADE; 5 TO 8% PYRITE AS BEFORE (F.G. & BLESS), 5 TO 6% SPHAL AND < 3% GALENA AS DISSEM OR F.G. BANDS. VERY PURPLISH TINGE TO THIS INTERVAL UNDERLYING THE DRK GREY & BLACK; NO 44 OR 47 FINGERS. 158.7 FAULT @ 42° TCA, 180° FROM RFE; 1cm WIDE; 160.7 - 160.8m FAULT @ 78 & 72° TCA. WELY MAGNETIC FROM 156.5m ON DOWN → (PYRRHOTITE)

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
1610	1617	7	15	ZP <del>X</del> (ZPX) 90:19	VERY SOFT FAULT GOUGE MATERIAL OF RIBBON BANDED QTZITE; ~70% RECOVERY, APPEARS TO BE A 7cm ZONE OF PYRITIC SAND (WEATHERED?). 10% ZP FRAG'S BUT NO GRADE VISIBLE. -U/C @ 69° TCA, L/C @ 77°.
1617	1636	6	16	ZPZGL4	BROKEN INTERVAL OF RIBBON BANDED QTZITE; ~75 TO 80% RECOVERY. 4 TO 5% PYRITE, 2 TO 3% SPHAL & ≤ 1% GALENA IN F.G. BANDS // FOL. VERY DARK BLACK (HIGH [C]?). NO PYRRHOTITE.
1636	1643	7	17	ZPZGLX	FAULT BRECCIA OF ABOVE RIBBON QTZITE. VERY BROKEN, ~70% REC., MINOR SOFT GOUGE MATERIAL. HARD TO JUDGE GRADE BUT APPEARS LOW.
1643	1646	9	18	66 (ZPZGL)(ZPZGLX) 60:35:5	APLITE DIKES w QTZITE BRX WITHIN. PALE CREAMY YELLOW w BLACK FRAG'S; 1 <sup>st</sup> FROM 164.3-164.4, 2 <sup>nd</sup> FROM 164.5-164.6m; 1 <sup>st</sup> @ 29° DIP 180° TO FOL, 2 <sup>nd</sup> @ 52° DIP 180° TO FOL.
1646	1665	9	19	ZPZGL	RIBBON BANDED QTZITE w MINOR SHEAR ZONES (DUE TO DYKES OR PREVIOUS FAULT?). MED PALE GREY TO BLACK; 2 TO 3% PYRITE, 3% SPHAL AND ≤ 1% GALENA IN F.G. BANDS // TO FOL AS BEFORE.
1665	1670	9	20	ZPZGLW	FAULT GOUGE OF RIBBON QTZITE, VERY PASTY BUT CONSOLIDATED. U/C @ 64° TCA, L/C @ 69°, // TO FOL. APPROX 5% IS BROKEN BULL WHITE QTE, 5cm WIDE.

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
116170	116188	8	21	3PZG1R15	PYRITIC QTZITE, LT PALE GREY w PURPLE & YELLOW BANDS. 3 TO 5% PYRITE, 5 TO 6% SPHAL & ~2% GALENA IN F.G. BANDS UP TO 4mm WIDE. LOW ANGLE FRACT SURFACES (46° TCA). MAY END H.G.
116188	116194	9	22	QPGZWL10	WHITE QTZ VEIN w 3% PYRITE, 2% GALENA & 2% SPHAL IN THE 1 <sup>ST</sup> 30cm; STANGE CHLORITE DEVELOPMENT; UGGY w XTAL FACES VISIBLE. POSSIBLE ANKERITE. UIC BROKEN, LIC @ 54° TCA.
116194	117107	8	23	30RZM1	GRAPHITIC PHYLLITE, MOD SHEARED; DRK BLACK TO DRK GREY; 1 TO 2% PYRITE, TRACES OF SPHAL.; VERY SOFT.
117107	117125	7	24	30R11(AM) 95:5	FAULT GONGE OF GRAPHITIC PHYLLITE (I BELIEVE); DARK BLACK, OCCASIONAL 30 FRAGMENTS, TRACES OF LOOSE PYRITE SEEN; 5% BROKEN QTZ, BULL WHITE; MINOR CHLORITE. UIC @ 70° TCA, LIC @ 75°.
117125	117142	9	25	30R11q	WRKLY SILICIFIED GRAPHITIC PHYLLITE; DRK BLACK, 1 TO 2% PYRITE IN F.G. BANDS UP TO 3mm WIDE. NO SPHAL OR GALENA SEEN. VERY CONTORTED FOLIATION; WK TO MOD LOCAL SHEARING.
117142	117166	8	26	Q.P.(30R) 90:10	BROKEN BULL WHITE QTZ UN w TRACES OF PYRITE, w ~35cm OF GRAPHITIC PHYLLITE (≤ 1% PYRITE, NO SPHAL). NO GALENA SEEN; UPPER AND LOWER CONTACTS BROKEN.

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
11766	11811	9	27	40P(Q) 95:5	SILVERY GREY NON-CALC. PHYLLITE; TRACES OF PYRITE; 5% BULL WHITE QTZ VNS UP TO 14cm WIDE; POSSIBLY WEAKLY CHLORITIC TOWARDS THE END OF THE INTERVAL; VERY CONTORTED FOLIATIONS.
11811	11861	8	28	31ZGRR	PYRITIC QTZITE W STRONG PYRRHOTITE DEVEL. IN THE FIRST 50cm OF THE INTERVAL ( $\leq 3\%$ ), REDUCING TO $\leq 1\%$ D/H. 3 TO 4% SPHAL, 2 TO 3% PYRITE AND TRACES OF GALENA IN F.G. TO M.G. BANDS    TO FOL. MOD CHLORITE @ TOP OF INTERVAL, DISAPPEARING AFTER 70cm. 2 TO 3% WHITE QTZ VNS $\leq 3$ cm WIDE W 1 TO 2% PYRITE.
11861	11908	9	29	2ZPGR	RIBBON BANDED QTZITE W WEAK TO MOD MAGNETISM ( $\leq 1\%$ PYRRHOTITE), PALE MED TO DRK GREY; $\sim 5\%$ SPHAL, 2% PYRITE AND $\leq 1\%$ GALENA IN M.G. BANDS    FOL, UP TO 3mm WIDE. SOME LOCAL HIGH GRADE SEGMENTS. MOD CONTORTED FOLIATIONS; 2% QTZ/ANK UNLETS UP TO 4cm WIDE.
11908	20157	9	30	2ZPGR (2ZPGH)(41g) 8Q:18:2	RIBBON BANDED QTZITE W/O PYRRHOTITE. DRK GREY TO MED DRK; 4 TO 5% SPHAL (LOCALLY TO 8%), 3 TO 4% PYRITE, AND 1% GALENA (LOCALLY TO 3%) IN F.G. TO M.G. BANDS & DISSEM PATCHES UP TO 7cm LONG (ALMOST SEMI-MASSIVE BUT NOT QUITE!) TWO SMALL FINGERS OF METABASITE @ 191.3 - 191.5m 202.9 - 203.1m: BLEACHED YELLOW, MOD SILICIFIED, CONTACTS    TO FOL.

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
20157	20163	8	31	2PZGLN	FAULT GONGE OF RIBBON QTZITE; MOD CONSOLIDATED, W/C @ 72° TCA, L/C @ 62°. APPROX 8 TO 10% BROKEN QTZ FRAG'S WITHIN.
20163	20180	8	32	2ZPGIR (441) 90:10	RIBBON QTZITE; DRK GREY TO BLACK W PURPLE BANDS. 5 TO 7% SPHAL IN BANDS UP TO 7mm WIDE; 3 TO 5% PYRITE & 1 TO 2% GALENA. VERY BROKEN; ONE SMALL FINGER OF PALE GREEN METABASITE, 11cm WIDE.
20180	20186	8	33	2PZGLX (2PZGLN) 70:30	FAULT BRECCIA AND GONGE FROM RIBBON QTZITE. 2 TO 3% PYRITE, 1 TO 2% SPHAL IN BROKEN BANDS; BRECCIA IS COARSE GRND, UP TO 9mm FRAG'S. W/C @ 46° TCA, L/C @ 49°.
20186	20193	9	34	2PZGL	LOW GRADE RIBBON QTZITE W 1 TO 2% PYRITE, 1 TO 2% SPHAL & TRACES OF GALENA IN GLOBULAR BANDS UP TO 3mm WIDE. MOD HIGH GRAPHITE CONTENT; 2 TO 3% QTZ UNLETS T/O.
20193	20199	9	35	2PZLIX	MED PALE GREY FAULT BRECCIA OF RIBBON QTZITE; 1 TO 2% PYRITE, ≤ 1% SPHAL & TRACES OF GALENA; COARSE, FRAGMENTS UP TO 11mm W/C @ 41° TCA, L/C @ 66°.
20199	2115	9	36	2PZGL	MED PALE GREY RIBBON QTZITE; 2% PYRITE, 1 TO 2% SPHAL & ≤ 1% GALENA IN BANDS UP TO 2mm WIDE (SOME PYRITE XTALS TO 4mm!) MINOR QTZ UNLETS UP TO 14mm (L/C). DECREASE IN CARBON CONTENT DOWN INTERVAL, TO CONTACT W 20.

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
2115	2288	9	37	ZO	SILVERY GREY NON-CALC. PHYLLITE w̄ 2 TO 3% QRTZ AND QRTZ LANK VNS UP TO 4cm w̄ TR TO 1% PYRITE @ VN MARGINS. LOCAL AREAS OF MOD SHEARING, UP TO 12cm WIDE, BUT GENERALLY COMPETANT. WELL FOL w̄ SOME DISTORTION & FOLDING.
2288	2296	8	38	QPERNIK 80:20	(20) BROKEN WHITE QRTZ LANK VN w̄ WK CHLORITE AND 1 TO 2% PYRITE PLUS TRACES OF SPHAL. AS THIN BANDS w/in. MINOR LENS OF NON-CALC. PHYLLITE. - QRTZ HAS A SUCROSLIC TEXTURE AND IS QUITE UGGY. - STRONG PYRRHOTITE DEVEL., ~1% OVERALL.
2296	2313	4	39	54PZGAS1	BLEACHED LT YELLOW/GREEN CHLORITE > MUSC QRTZ PHYLLITE (OR POSSIBLY A SILICIFIED 44 UNIT?). 2 TO 3% PYRITE, ≤1% SPHAL & ≤1% GALENA IN F-6. BANDS UP TO 3mm WIDE. WK TO MOD SERICITE DEVEL. // TO RFE. NO GRAPHITE; VERY WEAK PYRRHOTITE
2313	2316	8	40	ZO PRg (4HARS) 70:30	NON-CALC PHYLLITE, PALE GREY/GREEN TO DRK GREY, w̄ 1 TO 2% PYRITE AND ≤1% PYRRHOTITE IN BLESS UP TO 3mm & IN STRINGER FORM. APPROX 30% METABASITE, MOD SILICIFIED; PALE GREEN + YELLOW, w̄ 1 TO 2% PYRITE & PYRR. AS ABOVE. WELL FOL, w̄ GOOD S-FOLDS.
2316	2393	3	41	4HPR15g1	METABASITE w̄ MOD SILICIFICATION & SERICITE DEVELOPMENT; PALE GREEN TO GREEN/YELLOW; 1 TO 2% PYRITE, 1 TO 2% PYRRHO IN BANDS // FOL UP TO 3mm WIDE. TRACES OF SPHAL, NO GRAPE, PLUS A BLACK MINERAL (MAGNETITE?). WELL-FOLIATED, VERY CONTORTED.

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Date: \_\_\_\_\_

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
23.93	25.20	9	42	20R (44519R) 80:20	SILVERY GREY NON-CALC PHYLLITE w WEAK PYRROPHITE T/O; MINOR BLEACHED GREEN YELLOW METABASITE w MOD SILICIFICATION { SERICITE PLUS WEAK PD.
25.20	25.56	8	43	2PZGH (4477)(526H) 38:32:39	INTERNAL OF ALTERNATING RIBBON QTZITE, METABASITE, & MASSIVE PY/SPHAL. - RIBBON QTZITE FROM 251.9 - 252.6, 254.6 - 255.6m; DRK GREY TO BLACK w 5 TO 8% PY, 5% SPHAL IN BANDS & BLUBS UP TO 4mm; - METABASITE FROM 252.6 - 253.7 (WITH GONGE MATERIAL FROM 253.3 - 253.7), 20% QTZ VNLETS; BLEACHED WHITE/YELLOW, VERY SOFT & TALC-RICH; - MASSIVE Sx FROM 253.7 - 254.6m & ONE 5cm PIECE @ 255.3m. 60% PY, 30% SPHAL; MAY BE BARITIC OR UR SILICIFICATION.
25.56	26.06	8	43	2PZGR	RIBBON BANDED QTZITE, REG. GRADE. DRK GREY w BRONZE & PURPLE BANDS; 3 TO 6% PYRITE, 3 TO 4% SPHAL, < 1% GALENA AS MED GEN'D XTALS IN BANDS    TO FOL, SOME WITHIN SUCROSE QTZ. - QUITE BROKEN FROM 255.6 TO 259.1m
26.06	26.40	9	44	44PZWS1+ (526H) 80:20	BLEACHED PALE GREEN/YELLOW METABASITE w MASSIVE PYRITE/SPHAL FINGERS. METABASITE HAS 1 TO 2% PYRITE, < 1% SPHAL AND TRACES OF "MUSCITE". - MASSIVE Sx FROM 260.6 - 260.7m, 261.8 - 262.2, 262.4 - 262.8m, RANGING FROM 20 TO 60% PYRITE, 10 TO 40% SPHAL, & 5 TO 10% GALENA, ALL VERY FG.

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FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
264.0	277.9	7	45	ZPZGL (ZPX)(ZPLX) 89:12:8	VERY BROKEN RIBBON BANDED QTZITE W FAULT GONGE & BRECCIA MATERIAL. QTZITE IS DRK GREY TO BLACK W 3 TO 5% PYRITE, 3 TO 4% SPHAL AND TRACE TO 1% GALENA IN BANDS & SEMI-MASSIVE FORM UP TO 9cm LONG. - GONGE FROM 265.3-265.6, 266.0-266.2, 271.7-272.5, AND 273.1-273.3; 277.9m - BRECCIA FROM 265.6-266.0, 266.2-267.4m. * LOWER CONTACT BOUNDED BY 4cm FAULT *
277.9	281.4	8	46	30P (30PX) 95:5	DARK BLACK GRAPHITIC PHYLLITE W 1 TO 2% PYRITE & $\leq$ 1% QTZ STRINGERS. VERY BROKEN & "CHIPPY", W 3 TO 5cm FAULT BRX & LOCAL SHEARED SEGMENTS. NO SPHAL SEEN; APPEARS QUITE HOMOGENOUS.
281.4	282.5	9	47	20M	PASTY GREY STRONGLY SHEARED NON CALC. PHYLLITE, ALMOST MYLONITIC. VERY SOFT; NO SX SEEN. EXPANDS W H <sub>2</sub> O (MATERIAL CAUSED RODS TO BECOME STUCK D/H, CAUSE FOR TERMINATION OF HOLE).





# FAULT LOG

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Date: \_\_\_\_\_

143.0-  
144.8  
MISLATCH

FROM (m)	TO (m)	FEATURE	R E C	UPPER		INTERNAL		LOWER		DESCRIPTION
				DIP	DIRECT	DIP	DIRECT	DIP	DIRECT	
11110	11113	Q <sub>1</sub> B <sub>1</sub> Z	8							30 cm Bull QTZ
11113	11112	B <sub>1</sub> Z	9							
11129	11136	Q <sub>1</sub>	9							70 cm Bull QTZ
11233	11234	F <sub>1</sub> G <sub>1</sub> 3	9	618				517		RUBBLY, NO RFE'S.
11259	11272	B <sub>1</sub> Z	8							
11337	11368	B <sub>1</sub> Z	9							
11356	11364	F <sub>1</sub> X <sub>1</sub> 2	8	518						w/c BROKEN, NO RFE'S.
11364	11421	B <sub>1</sub> T <sub>1</sub> 2	9							
11421	11504	B <sub>1</sub> T <sub>1</sub> 3	8							
11581	11607	B <sub>1</sub> Z	9							
11607	11608	F <sub>1</sub> G <sub>1</sub> 3	9	810	01010			812		w/c BROKEN
11608	11610	B <sub>1</sub> Z	9							
11610	11617	F <sub>1</sub> G <sub>1</sub> 3	6	619	?	318		717	01810	w/c BROKEN, NO RFE.
11617	11643	F <sub>1</sub> X <sub>1</sub> 3	7							BRITTLE BRECCIA FRAG'S
11643	11665	B <sub>1</sub> T <sub>1</sub> 2	8							
11665	11670	F <sub>1</sub> G <sub>1</sub> 3	8	614	?			619		
11670	11688	B <sub>1</sub> T <sub>1</sub> 2	8							
11688	11694	Q <sub>1</sub>	9							Q.V.
11694	11707	B <sub>1</sub> S <sub>1</sub> 3	8							
11707	11725	F <sub>1</sub> G <sub>1</sub> 3	7	710				715		w/c HAS BROKEN QTZ, NO RFE.
11725	11742	B <sub>1</sub> Z	9							
11742	11766	Q <sub>1</sub> B <sub>1</sub> 3	8							BROKEN Q.V.
	11810	F <sub>1</sub> G <sub>1</sub> 3	8	716						1 cm Gouge.
11819	11816	B <sub>1</sub> Z	8							
	11816	F <sub>1</sub> G <sub>1</sub> 2	9	718						
11881	11949	B <sub>1</sub> 1	9							
11949	2005	B <sub>1</sub> Z	9							
20040	20048	B <sub>1</sub> 3	7							
20048	20057	B <sub>1</sub> Z	9							
20057	20063	F <sub>1</sub> G <sub>1</sub> 3	8	712				612	3419	
20063	20080	B <sub>1</sub> 3	8							
20080	20086	F <sub>1</sub> G <sub>1</sub> 3	8	416				419		// TO RFE.
20086	20093	B <sub>1</sub> T <sub>1</sub> 2	9							
20093	20099	F <sub>1</sub> B <sub>1</sub> 2	9	411				616		// TO RFE
21141	21142	S <sub>1</sub> 3	9			515				
21159	21176	B <sub>1</sub> Z	9							





# STRUCTURE LOG

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Date: \_\_\_\_\_

Logged By: J.T. KELLNER

FROM (m)	TO (m)	FEATURE	SYM	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		DESCRIPTION
				DIP	DIRECT	DIP	DIRECT	DIP	DIRECT	
	33							817		RFE
	86		S			59	0,0,1			S-FOLDS.
	120							718		RFE.
	194							714		RFE
	236							719		RFE
	305							710		RFE
	316							417		RFE
	374		S			83	0,0,2			S.S. S-FOLDS.
	411							711		RFE
	464							519		RFE IN VERY BROKEN ROCK.
	517							714		RFE
	546		S			76	2,3,4			S.S. S-FOLDS.
	607							611		RFE.
613	615		S			910	1,7,2			S-FOLDS
	669							618		RFE
	713							714		RFE
716	765		M			87	0,0,2			CLOSURE.
	767							514		RFE
	803							710		RFE
	837		S			66		1		TIGONATIC FOLDING. // RFE.
	915							619		RFE
	928		M			79	0,1,9			CLOSURE.
	973							716		RFE
1103	11035		Z			815	0,1,8			Z-FOLDS.
	11060							518		RFE
	11099							719		RFE
	11138							710		RFE
1113	11146		Z			711	0,1,1			S.S. Z-FOLDS, // RFE
	11164		Z			812	0,3,1			S.S. Z-FOLDS.
	11173							813		RFE
1120	11210		Z			716	1,7,1			Z FOLD.
	11240							618		RFE
	11309							511		RFE
	11367							618		RFE
	11381		S			816	1,4,8			S FOLDS
	11415							812		RFE



# STRUCTURE LOG

HOLE ID 96 GRM-05

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Logged By: JTK

Date: \_\_\_\_\_

FROM (m)	TO (m)	FEATURE	SY M	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		DESCRIPTION
				DIP	DIRECT	DIP	DIRECT	DIP	DIRECT	
	11460							66		RFE
	11517							64		RFE in 47
1578	11582		S			70	356			S.S. S-FOLDS
	11584							68		RFE
	11617							73		RFE
	11656							62		RFE
	11684							44		RFE in 44 (47)
	11699							70		RFE
	11740		M			85	985			CLOSURE
	11784		Z			74	294			Z - FOLDS
	11803							49		RFE
	11819							68		RFE
	11864							67		RFE
	11918							78		RFE
1937	11945		S			77	?			S - FOLDS NO RFE DIRECT.
	11951							71		RFE
11963	11989		S			83	358			S.S. S-FOLDS + KINK BANDS
	2013							56		RFE
2037	2039		S			81	346			S. FOLDS
	2069							58		RFE
	2110							64		RFE
	2166							68		RFE
2181	2185		M			54	322			CLOSURE
	2223							51		RFE
	2252		Z			66	308			Z - FOLD
	2281							66		RFE
	2281		S			87	292			S.S. S-FOLDS
	2315							74		RFE
2368	2372		S			78	299			S - FOLDS
	2389							71		RFE
	2431							76		RFE
	2504							77		RFE
	2546							74		RFE
2568	2570		S			87	048			S.S. S-FOLDS
	2603							72		RFE
	2641							72		RFE

