



# DIAMOND DRILL HOLE HEADER LOG

Page 1 of 8

DATE OCT / 96

LOGGED BY: J.T. KELLNER

HOLE ID: 96 GRM-07

REFERENCE FABRIC ORIENTATION DIAGRAM

PROJECT: GRUM

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

UTM CO-ORDS: 

--

 N  
E

MINE GRID CO-ORDS: 

--

 N  
E

ALL SYMMETRY DETERMINATIONS LOOKING

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

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

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

TOTAL DEPTH: 201.5 (m)

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

PURPOSE: GRUM OPEN PIT LIMITS ; U/G DEEP TARGETS.

REASON HOLE TERMINATED: TD IN PYRITIC QTZITE ; RODS BROKE, RETRIEVED; END OF PHASE 1.

LOGGED BY: J.T. KELLNER

DATE(S) LOGGED: OCT 28-30, '96

DRILLING CONTRACTOR: ADVANCE DRILLING

### CORE SIZES

HOLE CEMENTED: NO

SIZE	FROM	TO
<u>NO</u>	<u>3.0</u>	<u>201.5</u>
_____	_____	_____
_____	_____	_____

STEEL DOWN HOLE: 10' CASING LEFT

COLLAR CASED AND CAPPED: YES/NO

STARTED: OCT 12/96

COMPLETED: OCT 15/96

LITHOLOGIC LOG

HOLE ID: 96 GRM-07

Page: 2 of 8

Core Size: NQ

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

Logged By: J.T. KELLNER

FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
00	30	9	11	82	OVERBURDEN
30	82.3	9	12	40SP (4H) (40M) 90:8:2	CALCAREOUS PHYLLITE w METABASITE FINGERS AND SHEARED/FAULTED SEGMENTS. GENERALLY A MED DRK GREY/GREEN TO LT GREY COLOR, w BLEACHED YELLOW/GREEN METABASITE. $\leq 2\%$ QTZ VNS AVE. $\sim 4\text{cm}$ , w ONE CHLORITIC VN @ 61.5-61.9m TRACES OF PYRITE.
82.3	84.5	8	3	30PV (30M) 80:20	GRAPHITIC PHYLLITE w SHEAR AND FAULT ZONES. BLACK WITH BULL WHITE QTZ UNLETS; TR TO 1% PYRITE AS BERS ELW. // TO EWL. UPPER & LOWER CONTACTS FAULTED. CARBONATE-BEARING.
84.5	94.3	9	4	30PV (40) (30M) 60:35:5	GRAPHITIC PHYLLITE AS ABOVE w CALC. PHYLLITE SEGMENTS UP TO 35cm THROUGHOUT. BLACK w PALE MED GREY/GREEN. TR TO 1% PYRITE IN BOTH 30 & 40. 30 IS CARBONATE BEARING.
94.3	102.6	9	5	40IP (4H) 90:10	CHLORITIC CALC PHYLLITE w MINOR METABASITE; MED GREY/GREEN TO PALE GREEN; TRACES OF PYRITE, NOT VERY MUCH. MINOR SHEAR ZONES UP TO 6cm WIDE.
102.6	103.4	7	16	40M (Q)	SHEAR AND FAULT GONGE IN CALC. PHYLLITE w 30% QTZ/CARB FRAG'S AND UNLETS UP TO 5cm. VERY CHLORITIC, NO SX SEEN.

LITHOLOGIC LOG

HOLE ID: 96 Gpm-07

Page: 3 of 8

Core Size: \_\_\_\_\_

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

Logged By: J.T. KELLNER

FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
11034	11000	9	7	4PS	CALC. PHYLLITE w MOD TO STRONG LOCAL SERICITE DEVELOPMENT. MED DARK GREY w PALE YELLOW BANDS; ± 2% QTZ/CARB VNS UP TO 9cm (BARREN); TR TO 1% PYRITE IN BLEBS UP TO 5mm, FREESTANDING IN HOST ROCK.
11000	1148	9	8	2PZGR	RIBBON BANDED QTZITE; DRK GREY w BRONZE & PURPLE BANDS. 5 TO 8% PYRITE, 5% SPHAL & 1 TO 2% GALENA IN F.G. TO MED C.G.D BANDS UP TO 3cm WIDE. ≤ 1% CRTE UNLETS UP TO 3mm X-CUTTING FOL.
11148	1305	9	9	3PZGRs (44Hj) (44~)	PYRITIC QTZITE w METABASITE FINGERS (MAY BE BLEACHED 2PZGR). LT GREY w BRONZE & PURPLE BANDS, TO BLEACHED YELLOW/GREEN w LT GREEN MICACEOUS ZONES. 5 TO 6% PYRITE, 3 TO 5% SPHAL & 1% GALENA IN M.G. SANDS UP TO 4mm WIDE. WK. SERICITE DEVELOP. ONE S.G. QTZ VN FROM 119.0 - 119.5m, WHITE w 1 TO 2% SPHAL & GALENA @ MIDPOINT.
1305	1390	9	10	2PZGR	RIBBON BANDED QTZITE; BLACK w BRONZE & PURPLE BANDS; 5 TO 8% PYRITE, 5 TO 6% SPHAL & 1 TO 2% GALENA IN MED GRN'D BANDS UP TO 21mm WIDE. ROCK IS VERY BROKEN (85 TO 90% RECY BUT DISPERSED WITHIN BOXES).

LITHOLOGIC LOG

HOLE ID: 96 Gem-07

Page: 4 of 8

Core Size: \_\_\_\_\_

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

Logged By: J.T. KELLNER

FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
139.0	140.0	9	11	44+1	BRIGHT BLUE-GREEN, COARSE GRND METABASITE WITH HIGH TALC AND/OR "FUCHSITE". TRACES OF PYRITE AS SMALL XTALS.
140.0	154.3	8	12	2PZGR (3PZ64) (44+)(2P) 85:19:4:1	RIBBON BANDED QTZITE w PYRITIC QTZITE INTERVALS, POSSIBLY DUE TO BLEACHING FROM METABASITE INTRUDING. GENERALLY A DRIL BLACK TO GREY, PYRITIC IS DULL WHITE w PURPLE BANDS, 44 IS WHITE w BRIGHT GREEN TALC OR "FUCHSITE" - 2PZGR HAS 3 TO 5% Py, 3 TO 4% SPHAL & ~1% GALENA. - 3PZGL HAS ~1% Py, 2 TO 3% SPHAL & TR OF GALENA. - 44 HAS TR Py.
154.3	157.7	9	13	3PZGL (3P) 95:5	Pyritic QTZITE w 1 to 2% Py, 3 to 4% SPHAL & 1% GALENA. BLEACHED WHITE COLOUR; FAULT GOUGE FROM 154.9 - 155.2m, VERY CRUMBLY.
157.7	166.6	9	14	2PZGR (2PZGR) 95:5	RIBBON QTZITE; BLACK TO DRIL GREY; 3 to 4% Py, 3% SPHAL AND ~1% GALENA IN BANDS // TO FOL. MINOR GOUGES ~ 3cm WIDE TO; MOD BROKEN UNIT.
166.6	168.7	8	15	4HSP1 (3PZ64) 86:19	SERPENTINIC METABASITE w PYRITIC QTZITE LENSES. MED GREEN COLOUR (HIGH [CHLORITE]); TRACES OF PYRITE AND THIN LENSES OF PYRITIC QTZITE (BLEACHED 2P?).

LITHOLOGIC LOG

HOLE ID: 966RM-07

Page: 5 of 8

Core Size: \_\_\_\_\_

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

Logged By: J.T. Kelton

FROM (m)	TO (m)	REC.	NO.	UNIT	DESCRIPTION
1,687	1,893	9	16	2PZGR5	RIBBON BANDED QTZITE w LOCAL FAULT GOUGE MATERIAL. BLACK
				(2PZGR)	TO DARK GREY w BRONZE; PURPLE & YELLOW BANDS. W/ SERICITE
				915-51	DEVELOPMENT TOWARDS LAST METER.
					- OVERALL 3 TO 6% PYRITE, 5 TO 6% SPHAL & 2 TO 3% GALENA IN FINE TO MED GRA'D BANDS UP TO 3cm WIDE.
					- INCREASING COMPETANCY DOWNHOLE.
1,893	2,015	9	17	3PZGR1	PYRTIC QTZITE SIMILAR TO ABOVE UNIT BUT W/O GRAPHITE,
				(4415)	GIVING IT A PALE BLUE-WHITE w BRONZE & PURPLE
	EQH.			801-29	BANDS. TWO METABASITE FINGERS; MED COARSE GRA'D, MED GREEN COLOUR; (91.9 - 192.9m, 195.4 - 197.5m (TRACES OF Py.))
					- 3PZGR1 HAS ~ 4% PYRITE, 4 TO 5% SPHAL & 1% GALENA.
					VERY COMPETANT ROCK.







**Anvil Range**  
MINING CORPORATION

STRUCTURE LOG

HOLE ID 96 GRM-06

Page: 8 of 8

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

Logged By: J.T. KELLNER

FROM (m)	TO (m)	FEATURE	SYN	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		DESCRIPTION
				DIP	DIRECT	DIP	DIRECT	DIP	DIRECT	
57								74		RFE
121								72		RFE
147	148		m			71	01011			CLOSURE in QV.
192								48		RFE
224	258									44 INCLUDES 40 W BRECCIA-LIKE TEXT.
263								77		RFE
374								74		RFE
396	404		Z			81	902			SS. Z-FOLDS.
425	427		m			82	358			M-FOLD IN QV.
481								86		RFE
521			S			81	318			S-FOLDS
549	551		S			80	336			S.S. S-FOLDS.
635								77		RFE
798								69		RFE
866								56		RFE
1060								82		RFE
1051			S			71	017			S.S. S-FOLDS
1094	1096		S							S-FOLD IN QV/CARB.
1141								78		RFE.
1205	1208		S			85	?			NO RFE; S-FOLD.
1213	1216		m			86	187			CLOSURE IN 44.
1222	1225		m			83	002			CLOSURE IN 44.
1265								64		RFE
1341			Z			89	?			BROKEN CORE
1379	1383		m			80	904			CLOSURE
1398								66		RFE
1434	1437		S			66	046			S-FOLDS
1557								64		RFE
1654								68		RFE
1661	1662		S			69	328			S.S. S-FOLDS
1726								76		RFE.
1811	1814		S			74	0112			S-FOLDS
1900								61		RFE
1958	1959		S			47				S-FOLD
2007								76		RFE