So = ~-55° @ 276°

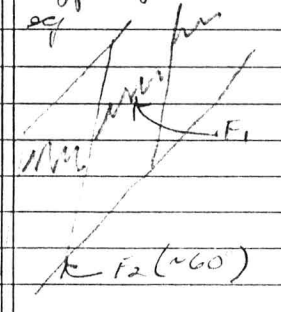
ANVIL RANGE MINING CORPORATION

STRUCTURAL LOG

014922

DDH # 96MM-01

UNITS: (Feet) / Metres DATE: SEPT. 9/96 LOGGED BY: D. MATTILA PAGE 1 OF 8

FROM	TO	RFE = So = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
14'	99'				~55°	276°	PS_2	2	~55°	276°									only simple structure visible, RFE = So F_2 = So
126'	143				25	276°	PS_2	2	25°	276°									
145'	151'				60	276°	PS_2	2	60°	276°	DD_1	1	N/A	N/A					F_2 structure cutting off F_1 features. eg 
157'	217'				55°	276°	PS_2	2	55°	276°									- simple F_2 visible - no sign of micro structure.
217'	235'				30°	276°	PS_2	2	30°	276°									RFE = So shallows
235'	287'				55°	276°	PS_2	2	55°	276°	DD_1	1	N/A	N/A					MICROLITHONS (F_1) too small to obtain strike/dip - as above diagram. - simple F_2 structure visible - 243'-287'

S0 = ~ 55° @ 016°

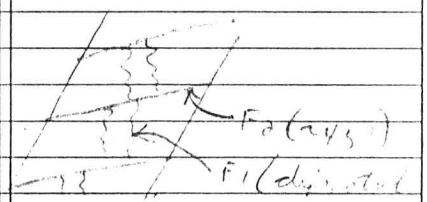
ANVIL RANGE MINING CORPORATION

STRUCTURAL LOG

DDH # 96MM-01

UNITS: (Feet) / Metres DATE: SEPT. 9/96 LOGGED BY: D. MATTILA PAGE 2 OF 8

FROM	TO	RFE = S0 = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
287'	319'				30°	276°	PS_2	2	30°	276°									RFE shallows RFE = S0 = F2 simple F2 structure visible
319'	320'				45°	276°	PS_2	2	45°	276°	DD_1	1	N/A	N/A					F2 cuts off F1, RFE steepens as forms diagram
339'	340'				45°	276°	PS_2	2	45°	276°	DD_1	1	N/A	N/A					" " RFE remains the same.
355'	378'				52°	276°	PS_2	2	52°	276°									RFE steepens, simple F2 structure visible
384'	391'				60°	276°	PS_2	2	60°	276°									F2 steepens
391'	393'				35°	276°	PS_2	2	35°	276°									F2 shallows. F2 visible only.



So = ~-55° @ 276°

ANVIL RANGE MINING CORPORATION

STRUCTURAL LOG

DDH # 96MM-01

UNITS: (Feet) / Metres DATE: Sept. 3/96 LOGGED BY: D. MATTICA PAGE 3 OF 8

FROM	TO	RFE = So = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
669'	670'				60°	276													RFE changes to 60° as a result of small ~~small~~ fold. Returns to 55° @ 672'
679'	681'				60°	276°	PS2	2	60°	276°									
703'	707'																		5 small chevron folds, D[illegible] and DIR unable to meas[illegible]
717'	742'																		general dip and dir of [illegible] unaffected by many micro (chevron) folds in this span. Small fold [illegible] structure appear "intercalated" between bands of [illegible] of ~55° dips (F2)
750'	757'				55°	276°	PS2	2	55°	276°	DD1	1	N/A	N/A					QTZ, VEINS FOLLOW [illegible] F1 micro folds overprinted by F2 fold structure. Sphalerite bands (~2mm) follow S2 cleavage.
762'	768'				40°	276°	PS2	2	40°	276°									RFE DIP shallows [illegible] QTZ LENSES BETWEEN [illegible] FLATTEN OUT. DIP returns to ~55° approx after 76[illegible]

So = ~55° @ 276°

ANVIL RANGE MINING CORPORATION

STRUCTURAL LOG

DDH # 96MM-01

UNITS: Feet / Metres DATE: Sept. 6/96 LOGGED BY: D. MATTILA PAGE 4 OF 8

FROM	TO	RFE = So = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
801'	813'				~40°	276°	PS_2	2	40°	276°	DD_1	1	N/A	N/A					F1 MICRO FOLDS CUT OFF BY F_2 FOLDING EVENT.
813'	814'				~30°	276°	PS_2	2	~30°	276°									" " " " "
838'	842'				~45°	276°	PS_2	2	45°	276°									
842'	843'				~53°	276°	PS_2	2	53°	276°									F2 FOLD DEEPENS AROUND F1 MICRO FOLD STRUCTURES
843'	845'				~45°	276°	PS_2	2	45°	276°	DD_1	1	N/A	N/A					F1 structures very deformed - hard to measure.
848'	852'				~75°	276°	PS_2	2	75°	276°									F2 dip steepens until aft. 852' where it returns to 45°
853'	867'				55°	276°	PS_2	2	55°	276°									F2 dip shallows and returns to ~45° @ 855' So : S2
872'	877'				35°	276°	PS_2	2	35°	276°									F2 dip shallows - steepens to 40° after 877'

SO = ~ -55° @ 276°

ANVIL RANGE MINING CORPORATION

STRUCTURAL LOG

DDH # 96MM-01

UNITS: (Feet) / Metres DATE: SEPT. 8/96 LOGGED BY: D. MATTILA PAGE 5 OF 8

FROM	TO	RFE = SO = F_2					A F_2				B F_1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
880'	889'				55°	276°													RFE = F_2 = S_0
889'	907'		FS_2		30°	276°													
907'	967'				50°	276°	PS_2	2	50°	276									
@	906.5'										PS_1	1	?	?					F_2 phase cuts off F_1 structures
	909.5'										PS_1	1	?	?					" $S_0 = S_2$
974'	997'				30°	276	PS_2	2	30°	276°									
980'	980.5'										PS_1	1	?	?					F_2 cuts off F_1 structure. $S_0 = S_2$
997'	1008'				55°	276													
1008'	1012'				40°	276	PS_2	2	40°	276°	DD_1	1	~25°	?					F_2 changes dip (shallows) and cuts off large F_1 feature over 4'
1017'	1018'				30°	276	PS_2	2	30°	276°	DD_1	1	~25°	?					F_2 dip shallows and cuts off large F_1 structure over 1 foot. $S_0 = S_2$
1027'	1033'				50°	276	PS_2	2	50°	276°	DD_1	1	~20°	?					F_2 steepens and F_1 appears to shallow - too deformed to determine azimuth on F_1

So = 2 - 55° @ 276°

ANVIL RANGE MINING CORPORATION

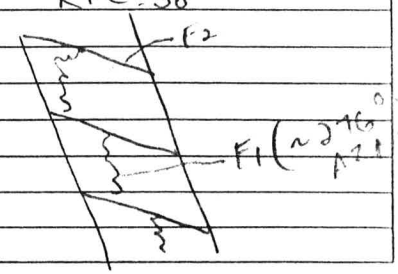
STRUCTURAL LOG

DDH # 96MM-01

UNITS: (Feet) / Metres DATE: Sept. 8/96 LOGGED BY: D MATTICA PAGE 6 OF 8

FROM	TO	RFE = So = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
1042'	1045'				50°	276°	PS_2	2	50°	276°	DD_1	1	~70°	?					F1 steeper - because of F2
1047'	1107'				40°	276°	PS_2	2	40°	276°									F2 shallower
1115'	1140'				30°	276°	PS_2	2	30°	276°									F2 shallower
1140'	1166'				40°	276°	PS_2	2	40°	276°									F2 steeper, ampyb structure, F2 visible only.
1166'	1189'				55°	276°	PS_2	2	55°	276°									ampyb structure, F2 visible only.
1189'	1191'				40°	276°	PS_2	2	40°	276°									
1191'	1194'				40°	276°	DD_1	1	N/A	~276°	DD_1	1	?	~276°					F2 cuts off F1 fold structures (fine) but direction of F1 folds appears to be ~276°

RFE: So



So = ~ 55° @ 076°

ANVIL RANGE MINING CORPORATION

STRUCTURAL LOG

DDH # 96MM-01

UNITS: (Feet) / Metres DATE: Sept 9/96 LOGGED BY: D. MATTILA PAGE 1 OF 8

FROM	TO	RFE = So = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
1201'	1216'				55°	276°													F2 steepens, simple F2 structure visible.
1216'	1253'				40°	276°													F2 shallows F2 = So
1253'	1272'				60°	276°													
1272'	1277'				40°	276°													
1277'	1295'				60°	276°	PS_2	2	60°	276°	DD_1	1	?	?					F2 steepens, cuts off structure.
1297'	1330'				45°	276°													
1330'	1334'				65°	276°													dip fluctuates, no visible F1 structures.
1334'	1352'				55°	276°													
1352'	1377'				45°	276°	PS_2	2	45°	276°	DD_1	1	?	?					
1377'	1404'				65°	276°													
1404'	1487'				50°	276°													

S0 = ~ - 55° @ 276°

ANVIL RANGE MINING CORPORATION

STRUCTURAL LOG

DDH # 96MM-01

UNITS: (Feet) / Metres DATE: Sept. 9/96 LOGGED BY: D. MATTILA PAGE 8 OF 8

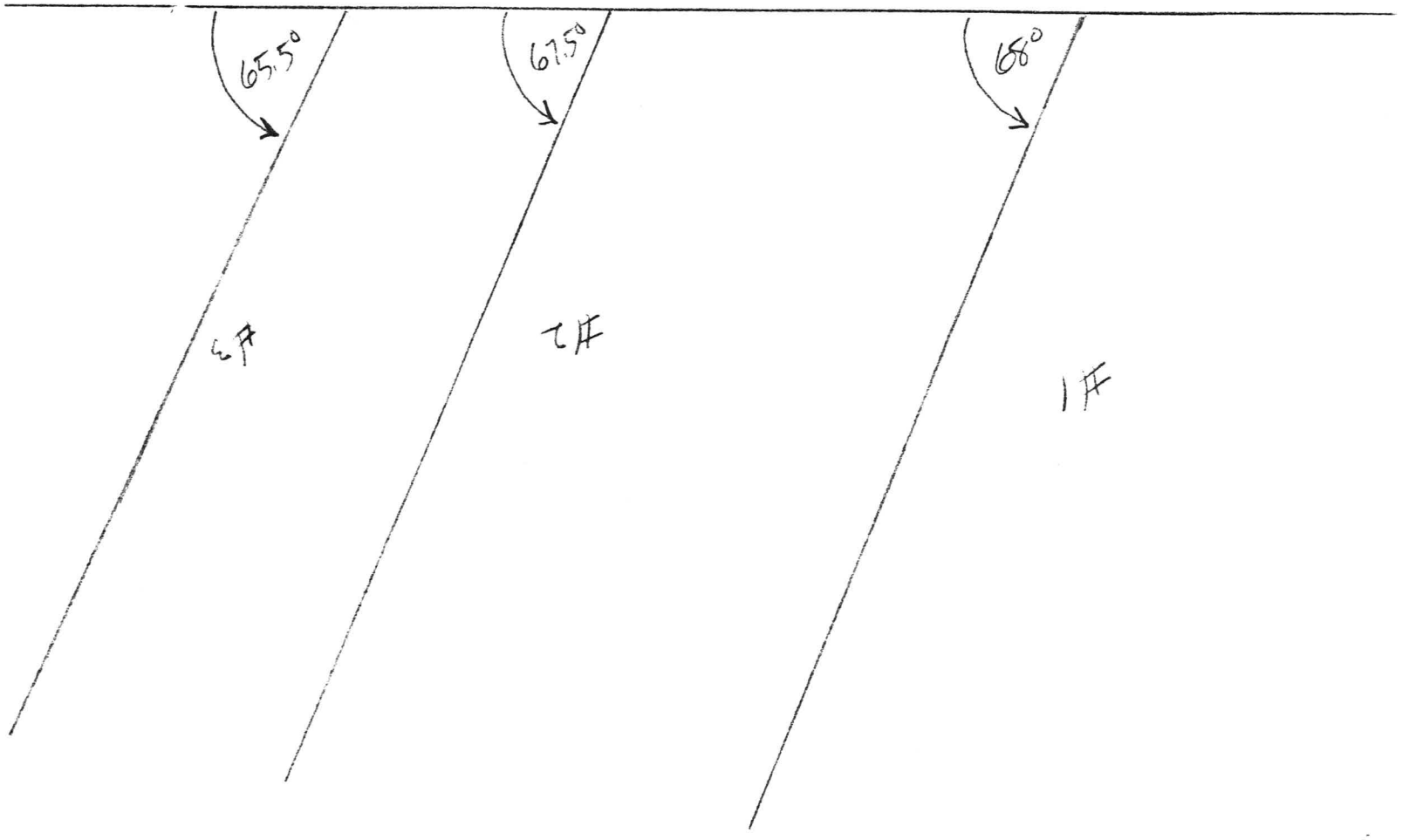
FROM	TO	RFE = S0 = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
1487'	1570'				30°	276°	PS_2	2	30°	276°									simple structure, only F2 visible.
1570'	1606.5'				50°	276°	PS_2	2	50°	276°									" "
1606.5'	1612'				65°	276°	PS_2	2	65°	276°									" "
1612'	1628'				20°	276°	PS_2	2	20°	276°									" "

Acid Test - Bottom of Hole #1

Hole #1 - 1628'

average = 67°

60° - chart measurement



ANVIL RANGE MINING CORPORATION

~~GEOTECHNICAL~~ FAULT LOG

DDH# 96MM-01

Units: (Feet) / Metres Date: SEPT. 1/96 Logged By: DM Page 1 of 1

FAULTS

~~To~~ AT	~~Recovery~~ ~~Length~~ FEATURE	~~RQD~~ ~~Length~~ So	~~Hardness~~ S1	~~Degree~~ ~~Breakage~~ S2	~~Degree~~ ~~Weathering~~	FRACTURES/JOINTS/PARTING Number	FRACTURES/JOINTS/PARTING Comments	Core Size	Comments
222.5'	R3G	// So				1	dips 45° from core axis	N/Q	2" fault gouge - located in olivine altered dolomite
238'	BR3G					2	dips ~15° from core axis	N/Q	~2" fault gouge - located in olivine altered dolomite
260'	BR3G	// So				3	dips ~55° from core axis	N/Q	~2" fault gouge - close to C Fault in olivine altered dolomite.
258'	BR3					4	dip is undetermined	N/Q	~2"-3" fault gouge - in olivine altered dolomite.
343'	BR3	// So				5	dips ~40° from core axis	N/Q	~2" fault gouge - in calc-silicate shear zone.
946'	BR2	// So				6	dip - N/A	N/Q	no fault gouge.
1192'	BR2	// So				7	dips ~50° from core axis	N/Q	no fault gouge
1500'-1542'	BR3G					8	dip - N/A	N/Q	9 ft. of gouge - at least 5' fault

ANVIL RANGE MINING CORPORATION

ALTERATION LOG

DDH # MM96-01-01

Units: (Feet) / Metres Date: SEPT 1/96. Logged By: D. MATTILA Page 1 of 1

From	To	No.	Alt1	Alt2	Description
217'	260'	1	olivine		DOLOMITE
					- fine grained.
					- limy, lt gray → med green
					- bedding planes still visible - no change
					- most (~95%) of this zone appears to be olivine altered.
					- some small zones (eg 237-242') and (247-260') appear more
					altered as they are quite friable
338'	344'	2	Fe		
					CALC-SILICATE SCHIST
					- light tinged brown
					- most of this zone (80%) has been altered and is fairly friable
					- little of the original host (schist) is not identifiable - appears
					like rubble.
354'	390'	3	Fe		CALC-SILICATE SCHIST
					- as above, however, alteration is less advanced and appears
					to have progressed to a max of ~18mm on each side of the
					numerous fractures.

ANVIL RANGE MINING CORPORATION

LITHOLOGIC LOG

DDH # MM96-01-01

Units: (Feet) / Metres Date: AUG. 31 Logged By: D. MATTICA Page 1 of 6

From	To	No.	Unit	Modifiers	Description
0'	14'				CASING – OVERBURDEN
14'	260'	1	SDA		ASKIN QUARTZITE, DOLOMITE, LIMESTONE - DOLOMITE – lining, lt → med gray → dark gray. - former bedding planes are distinctly visible as a result of darker (former limestone) interbeds - presence of calcite in several fracture planes - minor disseminated PYR (<1%) between 90' and 103' - Fe oxide coating on fracture margins in this area. - lining area terminates in regular dolomite @ ~182' - dolomite end of zone is gradual @ 211' - possible quartzite stringers visible @ random
260'	303'	2	CPaub		ULTRAMAFIC – SERPENITIZED DUNITE - dark gray, schistose - highly sheared and fractured - trace presence of pyrite - close examination reveils characteristic presence of dunite - quartzite (?) and chlorite in minor amts present.
303'	407'	3	CTrcs		CALC-SILICATE SCHIST - light to med. gray - micaceous, phyllitic - moderately fractured - Fe oxide coating on margins of fractures from 338'-407' - a few small dunite stringers (<12mm) visible up to 314' - minor calcite veining throughout - 1-2% disseminated pyrite

ANVIL RANGE MINING CORPORATION
LITHOLOGIC LOG

DDH # MM96-01

Units: (Feet) / Metres Date: SEPT. 3/96. Logged By: D. MATTICA Page 2 of 6

From	To	No.	Unit	Modifiers	Description
407'	411'	4	CPaub		ULTRAMAFIC - SERPENTENIZED DUNITE - SAME AS ABOVE
411'	476.5'	5	CTRcs		VARIABLY GRAPHITIC CALC-SILICATE SCHIST - light → med. gray - micaceous - sporadic presence & minimal graphite along foliation plane - moderate qtz. veining and banding. - minor brecciation (sporadic over intervals of 10-20cm) between 437' and 460'. - presence of PYR (<1%) - found disseminated and in small nodules (~2mm and less). QTZ clasts - sub ang - sub ang, up to 3cm - minimal calcite veining in some fracture zones.
476.5'	680'	6	Mps (+ Mvg)		CARBONIFEROUS PELITIC SCHIST - med to dark gray - micaceous - presence of chlorite and muscovite interbedded. - - disseminated garnet (~1-6mm) from top to bottom of zone (2-5%). Average 1-2mm in diameter - numerous qtz veins (up to ~12mm width). Longer qtz unit located between 671' - 672.5'. - minimal calcite veining - ~1% PYR disseminated throughout w occasional bands ~2mm thick - more banded pyritic layers found from 680' - 717' - minor visible amts of galena (<1%) are in these bands. - slightly graphitic

ANVIL RANGE MINING CORPORATION

LITHOLOGIC LOG

DDH # 96MM-01

Units: Feet / Metres Date: SEPT. 5/96 Logged By: D. MATTICA Page 3 of 6

From	To	No.	Unit	Modifiers	Description
680'	837'	7	Mbs (Mvai)		MUSCOVITE CHLORITE QUARTZ SCHIST (?) WITH BANDED SULPHIDES - ZONE 1 - fine grained, med → dark gray. - qtz lenses (eye shaped and irregular shaped) up to 60mm in places - PYR (3-4%) disseminated throughout with small bands approx 1mm up to 5mm across - sections of qtz visible appear as a mottled feature. - some bands of pyrite appear oxidized and are reddish / brown in color - in old fractured areas and F2 foliation. - slightly graphitic - traces of banded sphalerite @ 766.5, 781.5, 782, and at random (PR) around qtz. - traces of disseminated galena - more so in upper half of zone - minor calcite veining - lower half of zone - mineralization appears to dissipate to trace amounts @ 803'. - banded pyrrhotite @ 757 and 763 NOTE: FROM 803' - 837', the rock type is the same, however, only a very trace amounts of PYR and pyrrhotite are seen.
837'	976'	8	Mbs (Mvai)		MUSCOVITE CHLORITE QUARTZ SCHIST WITH BANDED SULPHIDES - ZONE 2 - fine grained, med → dark gray - qtz. lenses (eye shaped and irregularly shaped) up to 90mm with the majority of them 30-40mm. Some qtz sections appear mottled. - minor calcite veining. - PYR (2-3%) disseminated throughout, with small bands at random locations eg. 846.5', 852.5 - PO (~1%) disseminated, with PYR in some random bands eg @837' - traces of banded sphalerite (<1%) - slightly graphitic - minor qtz veining

ANVIL RANGE MINING CORPORATION

LITHOLOGIC LOG

DDH # 96MM-01

Units: ~~Feet~~ / Metres Date: Sept 6/96. Logged By: D. MATTILA Page 4 of 6

From	To	No.	Unit	Modifiers	Description
					- Sphalerite lessens to trace amount after 957' - no longer found in bands.
					- Pyrrhotite and PYR (disseminated) - 1-2% for duration of zone to 977'
					- Possible actinolite and epidote (trace amounts) at 966.5'
					- large QTZ. vein (~25cm.) at 914'
					- all bands of mineralization seem to follow bedding (SO) planes.
			MV		
976'	1025.5'	9	~~SDA~~		QUARTZITE (SILICEOUS ASH OR CHERT?)
					- light to med. grey.
					- possible tuff(?) stringer from 989'-990'
					- few large qtz veins (up to 7.5cm, average 2-3cm.) with trace amts of Pyrr, PYR, Sphalerite
					- minor schistose layers (1-2cm.) at random locations.
					- unit appears to show flow bedding similar to schist zones.
1025.5'	1140'	10	MBS		QUARTZOSE BIOTITE CHLORITE SCHIST - ZONE 3(?)
			MVa1		- LIGHT to med. gray to green. Numerous Sphalerite bands (1-2mm) - 1025.5' - 1036'
					- unit appears with interbedded chloritic and biotitic layers
					- numerous qtz veins found (1-2.5 cm.) - most mineralization associated with these areas - PYRRHOTITE (~1%), Sphalerite (~1%), PYR (1%).
					- traces of epidote around areas (~1.0-1.5 cm.) like 1064' and 1085'.
					- fairly massive areas of Pyrrhotite and Sphalerite @ 1057.5' and 1060.5'. (2-3% for each). also 1069.5'.
					- smaller qtz nodules visible after 1057' with mineralization associated Pyrr (~1% diss.) Sphalerite (~1% diss.)
					- siliceous (cherty?) area of this zone from 1076' - 1102'.
					- this area contains interbedded biotite chlorite schist. - some minor qtz veins also visible. Some PYR (<1%) PYRR (<1%) Sphlerite (<1%)
					- siliceous area appears moderately fractured.

ANVIL RANGE MINING CORPORATION
LITHOLOGIC LOG

DDH # 96MM-01

Units: (Feet) / Metres Date: Sept. 6/96. Logged By: D. MATTILA Page 5 of 6

From	To	No.	Unit	Modifiers	Description
					- another siliceous cherty area appears from 1117.5' – 1132'
					- contains interbeds of QTZ, biotite chlorite schist.
					- mineralization as in above siliceous area – highly fractured
					- some banded (~10-12 mm) sulphides (PYR ~1%, PYRR ~1%) appear between 1130' and 1137'
			MV		
1140'	1190'	11	~~SDA~~		QUARTZITE (SILICEOUS ASH OR CHERT?)
					- light to med. gray.
					- moderate to highly fractured.
					- moderate QTZ. veining to 1161', minor to 1190'
					- minor calcite veining
					- all mineralization appears along old fracture – PYR (<1%) PYRR (~1%)
					- massive banded pyrrhotite vein appears between 1169' and 1169.5' – 5-6% PYRR, <1% PYR.
1190'	1267'	12	Mva1		Biotite chlorite muscovite schist
					- med – dark gray – green
					- minor qtz veining.
					- minimal calcite veining
					- foliation shows chlorite layers interbedded with biotite and muscovite.
					- minor qtz nodules appear deformed or flattened (most ~6 mm across)
					- PYRR (<1%) PYR (<1%) – both disseminated.
					- trace of garnet
					- trace of chalcopyrite @ 1243'
					- moderately fractured

ANVIL RANGE MINING CORPORATION
LITHOLOGIC LOG

DDH # 96MM-01

Units: (Feet) / Metres Date: SEPT. 8/96. Logged By: D. MATTILA Page 6 of 6

From	To	No.	Unit	Modifiers	Description
1267	1627'	13	Mvol+u	DMS	CHLORITE BIOTITE SCHIST
					- med to dark gray-green
					- minor qtz veining
					- moderate calcite veining
					- 2-4% PYRRHOTITE - DISSEMINATED with most aligned allow schistosity planes - appears in nodules up to 8 mm across with most 1-2 mm across or less. PYRR appears in upper third of zone.
					- banded pyrrhotite from 1291'-1292', bands ranging from 2 mm - 8 mm across (~4-5% PYRR) in this area.
					- presence of epidote @ 1302', 1315', 1428', 1601', 1615'.
					- PYRR percentage count tapers off 1317' - PYRR (<1%)
					- Trace of py's around 1307'. Becomes more pyritic after 1321' → ~1% PYR. - fine grained
					- band of fluorite @ 1349.5 and 1400' along calcite veins.
					- chlorite nodules (5-8 mm average in size) appear after 1367' with most being rounded and oblong.
					- 1413'-1418' chlorite appears quite mottled.
					- only trace amounts of PYRR and PYR exist after 1407'
					- presence of PYRR + PYR increase after 1457' with both @ <1%. - PYR + PYRR appear mostly in fracture infill but not always the case
					- minor galena at 1476'.
					- a mottled texture is visible from 1477'-1495'.
					- FAULT ZONE - 1500'-1541' - see fault sheet
					- friable from 1507'-1525'
					- leached out from 1507'-1533'.
					- some PYR (~1%) - 1510'-1512'
					- PYR concentration increases from 1-2% disc - no PYRR
					- trace of hematite @ 1613'.
					- more traces of epidote @ 1619'.

E.O.H.

ANVIL RANGE MINING CORPORATION

DDH 96MM-01 **ASSAY LOG** Page 1 of 2

Date Sept. 3/96 Logged by D. MATTILA

Sample #	From	To	Length	Rec%	Unit	Comments
96MM-01-01	721'	723'	.6m (23.5")	100	Mps	banded mineralization - Gn, PyR #128559
96MM-01-02	734'	737'	.97m (38")	100	Mps	" " " " #128560
96MM-01-03	741.5'	743.5'	.6m (24")	100	Mps	" " " " #128561
96MM-01-04	699.0'	702'	(3')	100%	Mps	Diss. " Gn, PyR #128562
96MM-01-05	679.5'	682'	(2.5')	100%	Mps	" " " " #128563
96MM-01-06	719.0'	721.5'	(2.5')	100%	Mps	" " " " #128564
96MM-01-07	749.0'	752.0'	(3')	100%	Mps	" " " " #128565
96MM-01-08	752.0'	754.0'	(2')	100%	Mps	assay cond #128566
96MM-01-09	757'	760'	(3')	100%	Mbs	" " #128567
96MM-01-10	762'	765'	(3')	100%	Mbs	" " #128568
96MM-01-12	765'	767.5'	(3')	100%	Mbs	" " #128569
96MM-01-13	767.5'	768.5'	(3')	100%	Mbs	" " #128570
96MM-01-14	768.5'	771.5'	(3')	100%	Mbs	" " #128571
96MM-01-15	771.5'	774	(2.5')	100%	Mbs	" " #128572
96MM-01-16	782'	785'	(3')	100%	Mbs	" " #128573
96MM-01-17	787'	789'	(2')	100%	Mbs	" " #128574
96MM-01-18	797'	799'	(2')	100%	Mbs	" " #128575
96MM-01-19	837'	839.5'	(2.5')	"	"	" " #128626
96MM-01-20	839.5'	842'	(2.5')	"	"	" " #128627
96MM-01-21	842'	844'	(2')	"	"	" " #128628
96MM-01-22	846'	849'	(3')	"	"	" " #128629
96MM-01-23	849'	851.5'	(2.5')	"	"	" " #128630
96MM-01-24	851.5'	854.5'	(3')	"	"	" " #128631
96MM-01-25	859.5'	862.5'	(3')	"	"	" " #128632
96MM-01-26	863.5'	866'	(2.5')	"	"	" " #128633
96MM-01-27	870'	873'	(3')	"	"	" " #128634
96MM-01-28	874.5'	877'	(2.5')	"	"	" " #128635
96MM-01-29	877'	879.5'	(2.5')	"	"	" " #128636
96MM-01-40	880'	883'	(3')	"	"	" " #128637
96MM-01-41	884'	887'	(3')	"	"	" " #128638
96MM-01-42	894'	897'	(3')	"	"	" " #128639
96MM-01-43	901'	904'	(3')	"	"	" " #128640
96MM-01-44	911'	914'	(3')	"	"	" " #128641
96MM-01-45	922'	925'	(3')	"	"	" " #128642
96MM-01-46	933'	936'	(3')	"	"	" " #128643
96MM-01-47	940'	943'	(3')	"	"	" " #128644
96MM-01-48	944'	947'	(3')	"	"	" " #128645
96MM-01-49	947.5'	950.5'	(3')	"	"	" " #128646
96MM-01-50	957'	960'	(3')	"	"	" " #128647
96MM-01-51	969'	971.5'	(2.5')	"	"	" " #128648

NOTE: AN ERROR WAS MADE IN THE SAMPLE NUMBERS ABOVE. 96MM-01-11 AND 96MM-01-30 → 96MM-01-39 DO NOT EXIST. THEREFORE, THERE ARE 40 SAMPLES LISTED ABOVE, NOT 51.

ANVIL RANGE MINING CORPORATION

DDH 96MM-01 **ASSAY LOG** **Page** 2 **of** 2

Date SEPT. 10/96 **Logged by** D. MATTILA

Sample #	From	To	Length	Rec%	Unit	Comments
96MM-01-51	969'	971.5'	(2.5')	100%	MbS	SAMPLE ASSAY TAG # 128648
96MM-01-52	971.5'	973.5'	(3')	100%	"	" " " #128649
96MM-01-53	973.5'	976.5'	(3')	"	"	" " " #128650
96MM-01-54	1056.5'	1059.5'	(3')	"	SDA	" " " #128651
96MM-01-55	1059.5'	1062.5'	(3')	"	SDA	" " " #128652
96MM-01-56	1067'	1069'	(2')	"	SDA	" " " #128653
96MM-01-57	1069'	1072'	(3')	"	SDA	" " " #128654
96MM-01-58	1167'	1169'	(2')	"	SDA	" " " #128655
96MM-01-59	1239.5'	1242.5'	(3')	"	Mva,	" " " #128656
96MM-01-60	1257'	1260'	(3')	"	Mva,	" " " #128657
96MM-01-61	1265'	1268'	(3')	"	Mva,	" " " #128658
96MM-01-62	1279'	1282'	(3')	"	Mva, +	uDMS " " " #128659
	SAMPLES 56-62 - SENT OUT SEPT. 17/96					
	ALL SAMPLES ABOVE # 56 WERE SENT OUT SEPT. 10/96					

ANVIL RANGE MINING CORPORATION
GEOTECHNICAL LOG

DDH# 96MM-01

Units: (Feet) / Metres Date: Logged By: DM Page 1 of 7

FROM To	Recovery Length % (J.W.)	RQD Length 0→1 (J.W.)	Hardness	Degree Breakage	Degree Weatherng	FRACTURES/JOINTS/PARTING Number	FRACTURES/JOINTS/PARTING Comments	Core Size	Comments
14'→17'								N/Q	
17'-20'	60%	0.5							
20-25	60%	.6							
25'-27'	90%	.8							
27'-30	80%	.4							
30-35	70%	.2							
32-37	80%	.26							
37-44	90%	.5							
44-47	95%	.8							
47-51	90%	.5							
51-57	85%	.7							
57-66	70%	.5							
66-76	85%	.4							
[illegible]	85%	.5							
[illegible]	75%	.9							
[illegible]	78%	.6							
[illegible]	[illegible]	.6							
[illegible]	75%	.7							
[illegible]	[illegible]	.6							
[illegible]	[illegible]	.6							
137-147	[illegible]	.7							
147-157	[illegible]	.66							
157-167	99%	.68							
167-177	95%	.5							
177-187	100%	.6							
187-197	100%	.7							
197-207	99%	.5							
207-217	70	.145							

ANVIL RANGE MINING CORPORATION
GEOTECHNICAL LOG

DDH# 96 MM-01

Units: Feet / Metres Date: Logged By: DM Page 2 of 7

From - To	Recovery Length (J.W.)	RQD Length (J.W.)	Hardness	Degree Breakage	Degree Weatherng	FRACTURES/JOINTS/PARTING Number	FRACTURES/JOINTS/PARTING Comments	Core Size	Comments
217-227	80	.45							
227-237	98	.6							
237-247	40	.3							
247-257	75	.2							
257-267	75	.35							
267-277	65	.45							
277-287	60	.35							
287-297	70	.24							
297-307	70	.56							
307-314	90	.6							
314-317	98	.88							
317-327	95	.74							
327-337	98	.65							
337-344	50	.08							
344-347	90	.2							
347-357	100	.48							
357-367	98	.5							
367-377	98	.34							
377-384	100	.73							
384-387	90	.6							
387-393	100	.8							
393-397	100	.5							
397-403	80	.68							
403-407	50	.11							
407-417	100	.64							
417-427	98	.8							
427-437	98	.57							
437-447	85	.54							

ANVIL RANGE MINING CORPORATION
GEOTECHNICAL LOG

DDH# 96 MM - 01

Units: Feet / Metres Date: Logged By: Brad Page 3 of 7

From -To	Recovery Length %	RQD Length	Hardness	Degree Breakage	Degree Weatherng	FRACTURES/JOINTS/PARTING Number	FRACTURES/JOINTS/PARTING Comments	Core Size	Comments
447-457	100	.6							
457-467	100	.62							
467-477	98	.51							
477-487	98	.75							
487-497	100	.62							
497-507	98	.66							
507-517	98	.61							
517-527	100	.7							
527-537	95	.75							
537-547	100	.74							
547-557	95	.6							
557-567	100	.78							
567-577	98	.67							
577-587	98	.55							
587-597	98	.76							
597-607	98	.73							
607-617	98	.72							
617-627	98	.69							
627-637	98	.76							
637-647	99	.73							
647-657	100	.75							
657-667	98	.81							
667-677	99	.84							
677-687	65	.52							
687-696	100	.64							
696-707	75	.48							
707-717	95	.63							
717-727	100	.84							
737-747	95	.75							

ANVIL RANGE MINING CORPORATION
GEOTECHNICAL LOG

DDH# 96 MAN-01

Units: Feet / Metres Date: Logged By: DM Page 4 of 7

From-To	Recovery Length %	RQD Length	Hardness	Degree Breakage	Degree Weatherng	FRACTURES/JOINTS/PARTING Number	FRACTURES/JOINTS/PARTING Comments	Core Size	Comments
747-757	90	.6							
757-767	100	.758							
767-777	100	.475							
777-787	100	.783							
787-797	100	.683							
797-807	100	.641							
807-817	100	.691							
817-827	100	.558							
827-537	100	.7							
537-847	100	.6							
847-857	100	.7							
857-867	100	.675							
867-877	100	.55							
877-887	100	.6							
887-897	100	.6							
897-907	95	.75							
907-917	100	.566							
917-927	90	.6							
927-937	100	.625							
937-947	80	.233							
947-957	90	.65							
957-967	100	.591							
967-977	100	.591							
977-987	100	.71							
987-996	100	.87							
997-1007	100	.83							
1007-1017	100	.95							
1007-1027	100	.78							

ANVIL RANGE MINING CORPORATION
GEOTECHNICAL LOG

DDH# 96 MM-01

Units: Feet / Metres   Date: Logged By: D.M   Page 5 of 7

From To	J.W. Recovery Length %	J.W. RQD Length	Hardness	Degree Breakage	Degree Weatherng	FRACTURES/JOINTS/PARTING Number	FRACTURES/JOINTS/PARTING Comments	Core Size	Comments
[illegible]-1037	100	.308							
1037-1047	100	.6							
1047-1057	100	[illegible]							
1057-1067	100	.808							
1067-1077	100	.59							
1077-1087	85	.37							
1087-1097	100	[illegible]							
1097-1107	[illegible]	[illegible]							
[illegible]	100	.41							
[illegible]	[illegible]	[illegible]							
[illegible]-1132	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	.2[illegible]							
[illegible]	[illegible]	.6							
[illegible]	100	[illegible]							
[illegible]	100	[illegible]							
[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	.6[illegible]							
1217-1227	100	[illegible]							
[illegible]	[illegible]	.25							
[illegible]	[illegible]	.7							
[illegible]	[illegible]	[illegible]3							
[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]							
[illegible]	100	[illegible]6							
[illegible]		[illegible]							
[illegible]	[illegible]	[illegible]							

ANVIL RANGE MINING CORPORATION
GEOTECHNICAL LOG

DDH# 96MM-01

Units: Feet / Metres Date: 9/[illegible]/96 Logged By: D.M Page 6 of 7

To	Recovery Length	RQD Length	Hardness	Degree Breakage	Degree Weatherng	FRACTURES/JOINTS/PARTING Number	FRACTURES/JOINTS/PARTING Comments	Core Size	Comments
1307-1317	100	.8							
1317-1327	100	.72							
1327-1337	98	.74							
1337-1347	95	.48							
1347-1357	99	.67							
1357-1367	100	.73							
1367-1377	100	.62							
1377-1387	100	.71							
1387-1397	100	.98							
1397-1407	93	.78							
1407-1417	100	.80							
1417-1427	93	.81							
1427-1437	100	.84							
1437-1447	100	.98							
1447-1457	100	.79							
1457-1467	100	.91							
1467-1477	98	.76							
1477-1487	100	.98							
1487-1497	100	.98							
1497-1507	100	.96							
1507-1517	55	.7							
1517-1527	55	.9							
1527-1537	100	.81							
1537-1547	100	.87		1					
1547-1557	100	.81	1						
1557-1567	100	.81							
1567-1577	100	.87							
1577-1587	98	.8							

#1

ANVIL RANGE MINING CORPORATION
GEOTECHNICAL LOG

DDH# 96mm-01

Units: Feet / Metres   Date: Logged By: DM   Page 7 of 7

To	Recovery Length	RQD Length	Hardness	Degree Breakage	Degree Weatherng	FRACTURES/JOINTS/PARTING Number	FRACTURES/JOINTS/PARTING Comments	Core Size	Comments
1587-15[illegible]	80	.7[illegible]							
1577-160[illegible]	98	.91							
1607-16[illegible]	100	.91							
16[illegible]-16[illegible]	100	.81							

ANVIL RANGE MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: SEPT. 9/96

Hole Number: 96MM-01 (77MM-03 PAD) Reference Fabric Orientation Diagram:

Project: _____

Location: _____

Claim: MMJJ

UTM Co-ords.: ~22,365,460 N

~405,520 E

Ground Elevation (UTM datum): _____

Height of casing above ground: 12" - 18"

Drill hole zero depth: _____

Local Co-ords: _____ N

_____ E

Ground Elevation (local datum): ~5534.1 FT.

Exploration/Cut line Grid Co-ords.: _____

Total Depth: 1628'

Inclination: -65° dip 060° azimuth (UTM)

All symmetry determinations

looking _____ with RFE = _____

dipping -55° with dip azimuth 276°

Purpose: TO FURTHER EXPLORE EXTENT OF SULPHIDE ORE BODIES.

Reason hole Terminated: HADN'T REACHED TRACHYTE STOCK, BIT WAS FINISHED

Logged by: D. MATTILA

Date(s) logged: _____

Drilling Contractor: ADVANCED DRILLING

CORE Size	From	To
N/Q	14'	1628'

Hole Cemented: (Y/N) N

From: _____

To: _____

Steel down hole: (Y)N) _____ Amount: 14 FT.

Collar Cased and Capped: (Y/N) N

Core Assayed: (Y/N) N

Assay Lab: N.A.L. - WHITEHORSE

Certificate #'s: _____

DDH Started: Aug 26 '96

DDH Completed: Sept. 2 '96

ANVIL RANGE MINING CORPORATION

DDH 96MM-01 DIAMOND DRILL CORE LOG

Date: SEPT. 9/96

Logged by: D. MATTILA

Units: FEET METRES (circle one)

Drilling Summary

Mud used: (Y/N): Y Type: POLYMER NL165

Circulation: Continuity maintained / Intermittent / Lost at 80' not regained / Flowing
regained with Polymer

# of Bits used: 6

Overall Recovery: _____ % Overall recovery in mineralization: _____ %

Overall cost/unit: _____ Contract Footage cost: _____ Contract Field cost: _____

Date site reclaimed: _____ Checked by: _____ Date: _____

Downhole Deviation

Depth	Dip Angle	UTM Azimuth	Method/Comments
1628'	-60°	?	ACID TEST
			SPERRY SUN AND ACID TESTS PERFORMED AT BOTTOM OF HOLE ONLY AS EQUIPMENT HADN'T
1628'	-67°	?	SPERRY SUN TEST
			ARRIVED. AZIMUTH READING SHOULD BE CLOSE
			TO THE DESIRED 060°, HOWEVER, SPERRY
			SUN READING IS UNDETERMINED WITH THE
			PRESENT MANUAL GIVEN.

COMMENTS