ANVIL RANGE MINING CORPORATION
LITHOLOGIC LOG

DDH # MM96-01-01

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

From	To	No.	Unit	Modifiers	Description
0'	14'				CASING – OVERBURDEN
14'	260'	1	SDA		ASKIN QUARTZITE, DOLOMITE, LIMESTONE
					– DOLOMITE – limy, 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%) [illegible] 96' and 102'
					– Fe oxide coating on fracture margins in this area.
					– limy area terminates in regular dolomite @ ~182'
					– dolomite end of zone is gradual @ [illegible]
					– possible quartzite stringers visible @ random
260'	303'	2	CPaub		ULTRAMAFIC — SERPENTINIZED DUNITE
					– dark gray, schistose
					– lightly sheared and fractured
					– trace presence of pyrite
					– close examination reveals characteristic presence of [illegible]
					– quartzite (?) and chlorite in minor amounts present.
303'	401'	3	CTpcs		CALC-SILICATE SCHIST
					– light to med gray
					– micaceous, phyllitic
					– moderately fractured
					– Fe oxide coating on margins of fractures from 338'–401'
					– 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 (circled) / Metres   Date: SEPT. 3/96.   Logged By: [illegible]   Page 2 of 6

From	To	No.	Unit	Modifiers	Description
407'	411'	4	CPaub		ULTRAMAFIC - SERPENTINIZED DUNITE
					- SAME AS ABOVE
411'	476.5'	5	CTRcs		VARIABLY GRAPHITIC CALC-SILICATE SCHIST
					- light -> med. gray
					- micaceous
					- sporadic presence of minimal graphite along foliation [illegible]
					- moderate qtz. veining and [illegible].
					- minor brecciation (sporadic [illegible] intervals [illegible]) betw.
					437' and 460'.
					- presence of PYR (<1%) - found disseminated and in small
					nodules (~2mm and less). QTZ clasts - subangular up to 3cm.
					- minimal calcite veining in some fracture zones.
476.5'	680'	[illegible]	Mps		GARNETIFEROUS PELITIC SCHIST
					- med. to dark gray
					- micaceous: presence of chlorite and muscovite interbedded.
					-
					- disseminated garnet (~1-6mm) from top to [illegible] zone (2-5%) average 1-2mm in diameter.
					- numerous qtz veins (up to ~12mm width). Larger qtz
					unit located between 671' - 672.5'
					- minimal calcite veining
					- ~1% PYR disseminated throughout w/ occasional bands [illegible]
					- more bands of pyritic layers found from 680' - 7[illegible]' [illegible]
					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. MATTILA Page 3 of 6

From	To	No.	Unit	Modifiers	Description
680'	837'	7	Mbs		MUSCOVITE CHLORITE QUARTZ SCHIST (S) 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 @ 759 and 763
					NOTE:
					FROM 803' - 837', the rock type is the same, however, only very trace amounts of PYR and pyrrhotite are seen.
837'	976'	8	Mbs		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. MATTICA 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.
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(?)
					- 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%) Sphalerite (<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. MATTICA Page 5 of 6

From	To	No.	Unit	Modifiers	Description
					- another siliceous cherty area appears from 1131.5' - 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%) appears between 1136' and 1137'
1140'	1190'	11	SDA		QUARTZITE (SILICEOUS ASH OR CHERT?)
					- light to med. gray.
					- moderate to highly fractured.
					- numerous Qtz. veining to 1161', minor to 1190'
					- minor calcite veining
					- all mineralization appears along r'd fractures - PYR (<1%) PYRR ~
					- 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
					- feature shows chlorite layers interbedded with biotite and muscovite
					- minor qtz nodules appear deformed or flattened (most ~6mm 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. MATILA Page 6 of 6

From	To	No.	Unit	Modifiers	Description
1267	1627'	13	Mval+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 taper off 1317' - PYRR (<1%)
					- Trace of py 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.
					- minor garnet 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% diss - no PYRR
					- trace of hematite @ 1613'.
					- more traces of epidote @ 1619'.

E.O.H.