

Dip: 45°
 Bearing: N 35° E
 Elevation: 3,454 feet
 Depth: 125 feet

Co-ordinates: Line 2 + 45 South, 0 + 04 East

Logged: September 2, 1980
 By: W.G. Hainsworth

0 - 67.7 Limestone - carbonaceous, well banded at 45° to 60° to core axis, scattered carbonate-quartz stringers running at various angles to core, some stringers have mineral, variable carbonaceous material.

2.9 - 4.3 - Quartz-carbonate with garnetificous material. Iron staining along fractures which generally trend with banding.

23.3-25.0 - light pyrite with minor galena and sphalerite associated with carbonate veining.

Occasional sericitic patch, areas of brownish carbonate veining, sections of well crystallized light grey limestone with a slight hint of bedding, relatively fine grained.

50.0-60.1 - more coarse grained, possibility of an intrusive structure, no tangible banding, HW contact is gradational while FW contact is well defined at 40° with banded structure.

66.0-67.7 - quartz-carbonate veining with mineral.

67.7 - 75.0 Argillite - interbedded with limestone, variable sections of carbonate and argillite, becoming schistose.

75.0-125.0 Schist - initial 2 feet is sericite schist, then becomes more carbonaceous with chlorite locally, schistosity runs 60°, knotted variety, grey.

108.0-113.0 - purplish color

117.0 - 2" mud, possible fault

113.0 - 120.0 - greenish-grey color

120.0 - 125.0 - purple, possible weak intrusive action.

125.0 - End of hole.

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
451	66.0	67.7	.010	.47	.40	.17
452	23.3	25.0	.002	.16	.08	.04

DDH 80-B-2

Dip: 65°
Bearing: N 35° E
Elevation: 3,454 ft.
Depth: 122 feet

Co-ordinates: Line 2+45 South; 0+04 East

Logged: September 2, 1980
By: W.G. Hainsworth

0-76.5 Limestone - blueish-grey, fine-medium grained, bedding varies from massive to steep 60° dipping to core axis.

27 - 29 - carbonate veining with pyrite and very minor sphalerite and trace galena.

More medium-grained from 44.0 to 65.6, scattered pyrite mineralization, bedded from 65.6 to 76.5

76.5-122.0 Schist - greenish-grey, micaceous, at contact there is 10 inches scattered calcite veining with pyrite and traces lead and zinc, schistosity is steep (70° - 80°) to core axis.

86.8 - 88.2 - heavy pyrite with calcite. Knotted variety of schist.

97.0 - 106.0 - purplish color schist (intrusive?).

Scattered pyrite along fracture planes, occasional graphitic fracture plane.

122.0 - End of hole.

(Variable speckled appearance near end of hole but still schist, also has purple color.)

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
453	27.0	29.0	.002	.10	.14	.88
454	75.0	78.5	.020	.14	.05	.15
455	115.5	117.0	.012	.22	.05	2.16

DDH 80-B-4

Dip: 45°
Bearing: N 15° E
Elevation: 3,454 ft.
Depth: 124 feet

Co-ordinates: Line 2+45 South, 0+04 East

Logged: September 2, 1980
By: W.G. Hainsworth

0 - Casing

- 57.6 Limestone - greyish blue, fine -medium grained, bedded from 45° - 55° to core axis, scattered pyrite which is more noticeable in coarser grained variety, occasional small schist interbeds,

at 16.0 - $3\frac{1}{2}$ " brownish garnetiferous rock

at 38.0 - 6" garnetiferous schist

at 42.8 - 4" sericitic zone

57.6-66.4 Schist - Heavy sulphide section (5") at contact carrying pyrite, galena and sphalerite, grey knotted schist.

66.4-84.0 Limestone - Carbonate veining at contact with fine, coarse galena and minor sphalerite over 10", greyish blue color well bedded, 8" coarse grained material at lower contact.

76.1 - 78.0 - schist lens.

84.0-124.0 Schist - grey-green, schistosity at 65° to CA, occasional quartz veinlets roughly 2" to 3" in width, from 114' to end it has speckled appearance.

124.0 End of hole.

(Specimen - B4-119')

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
457	57.0	59.0	.010	1.16	.45	4.72
458	66.4	68.0	.002	.85	1.52	.52

B#5 Hole

Dip: 65°
Bearing: N 15° E
Elevation: 3,454 feet
Depth: 103 feet

Co-ordinates: Line 2+45 South,
0+04 East

Logged: September 23, 1980
By: W.G. Hainsworth

- 0 - 9.5 - Casing
- 9.5 - 73.2 - Limestone - greyish blue, banded at 40° to CA, variable bedding as to color (some blackish, some whites) and as to grain size (fine to medium grained), occasional patches of fine pyrite, calcite veining at odd angles to core.
- @ 39' - sharp contact at 60° (bedding plane) 12" of brownish, rough color banded schist.
- @ 49' - 15' of greyish l.s. with white limestone shards.
- from 56' on limestone becomes more coarse grained with poorly indistinguishable bedding.
- 73.2 - 80.0 - Schist - dark brown, rough schistosity @ 60° to CA, highly calcareous.
- 80.0 - 101.6 - Intercalated - Schist and limestone area - highly altered, occ. pyrite.
- @ 90' - greenish material, similar to soapstone.
- @ 97 - 12" core missing - sent in for sample?
- @ 99 - 3" gauze material probably due to bit action on carbonaceous schist.
- 101.6 - Schist - limey, dark grey
- 103 - End of hole.

No SAMPLING

B#6 Hole

Dip: 45°
Bearing: N 55° E
Elevation: 3,454 feet
Depth: 102 feet

Co-ordinates: Line 2+45 South,
0+04 East

Logged: September 23, 1980
By: W.G. Hainsworth

- 0 - 11 - Casing
- 11 - 68 - Limestone - medium grained, 60° - 70° banded to CA, locally has a woven fabric, variable color changes although overall is bluish-grey, occ. traces pyrite.
- @ 11.8 - 24' dark brown to black interbedded argillite, calcareous.
- Sample #8256 @ 26 - 10" quartz-calcite with minor zinc and trace Pb.
- @ 52 - 12" white limestone shards, well rounded.
- 68 - 83 - Intercalated Zone - highly calcareous schists with some argillaceous limestone beds.
- @ 80 - 10" quartz vein, sl. pyrite.
- 83 - 102 - Schist - grey-green, 70° schistosity, tr. pyrite.
- from 97 - 102 - reddish brown, sl. porphyritic
- 102 - End of hole.

SAMPLING

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
8256	26.0	26.8				

Hole C7

Dip: 45°
Bearing: N 35° E
Elevation: 3,463 feet
Depth: 96.0 feet

Co-ordinates: Line 4+15 South
0+21 West

Logged: September 23, 1980
By: W.G. Hainsworth

0 - 12 - Casing
12 - 31 - Schist - knotted 50° schistosity, closely laminated, greenish-grey.
31.0 - 39.5 - Limestone - bluish grey.
 @ 33.2 - 16" greenish, soapstone
39.5 - 42.0 - Schist - lightly, micaceous locally.
42.0 - 96.0 - Limestone - gradational contacts, some short interbeds of
 schist.
 @ 62' - vein zone - 16" - 18" of sphalerite, pyrite, sl. galena
 and calcite.
 (6" missing) (Sample #8257)
96.0 End of hole.

SAMPLING

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
8257	62.0	63.5				

Hole C8

Dip: 70°
Bearing: N 35° E
Depth: 107 feet

Co-ordinates: Line 4+15 South,
0+21 West

Logged: September 23, 1980
By: W.G. Hainsworth

- 0 - 11.5 - Casing
- 11.5- 34.6 - Schist - brownish grey to greenish grey, sl. porphyritic,
locally, nil mineral.
- 34.6 - 42.0 - Limestone - bluish grey, nil mineral.
- 42.0 - 46.6 - Schist - calcareous, banded pyrite on lower contact.
- 46.6 - 87.0 - Limestone - light, bluish grey, banded @ 50.0 - 60.0 to CA,
@ 48 - 12" core missing
@ 52 - 8" limestone shards
@ 73 - 8" core missing
@ 69.5 - 4" core missing
- @ 81.3 - Vein Zone (weak) - Pinkish calcite with slight quartz
& possibly barite, occ. sulphides scattered through
zone - to 83.4 (sample #8258).
- 87.0 - 93.0 - Intercalated Zone.
- 93.0 - 107 - Schist
- 107 - End of hole.

SAMPLING

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
8258	81.0	83.4				

DDH A-9

Dip: -45⁰
Bearing: N 68⁰ E
Elevation: 3,427 feet
Depth: 123 feet

Co-ordinates: Line 0+35 South
0+16 East
Logged: October 23, 1980
By: W.G. Hainsworth

- 0 - 8 - Casing
- 8 - 71 - Schist - locally porphyritic appearance, distorted schistosity, occ. l.s. interbeds,
 - @ 39 - 8" massive quartz vein, 75⁰ contacts
 - @ 56 - 8" thin pyrite veinlets
- 71 - 91 - Limestone - grey, 80⁰ banding, @ 86' trace zinc xtals.
- 91 - 123 Schist - light grey
 - @ 114.5 - fine hornblende xtals
- 123 - End of hole
 - (Weak)
 - No sampling.

DDH A-10

Dip: -70°
Bearing: N 68° E
Elevation: 3,427 feet
Depth: 225 feet

Co-ordinates: Line 0+35 South
0+16 East
Logged: October 23, 1980
By: W.G. Hainsworth

- 0 - 5 - Casing
5 - 7 - Schist - Contoured bedding, some oxidation strings @ 7',
7 - 9 - Limestone - light grey, light PbS
9 - 55 - Schist - As before, limey from 39' to 43'.
55- 115 - Limestone - black, poorly bedded with better bedding apparent
@ 62', interbeds of schist, light grey color from 63' on.
115 -136 - Schist - light grey, @ 130' light greenish talc with hematite,
tr. sphalerite, limey.
136 -155 - Limestone - light grey, from 136-145 vuggy with pyrite, hemotite
& light zinc (2' lost core),
155 -165 - Schist - as before.
165 -180 - Limestone - light grey, talcose, @ 179 pyrite-sphalerite strings.
180 -225 - Schist - lead splashes at contact, pyrite-sphalerite strings.
Zn strings @ 191.3, rough high angle schistocity TCA,
@ 219 - 3" massive brown garnets.
225 End of hole.

SAMPLING

<u>SAMPLE NO.</u>	<u>FROM</u>	<u>TO</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
8268	7.0	9.0				
8269	130.0	131.0				
8270	136.0	145.0	(Lost 2.0')			
8271	106.0	107.5				
8272	178.0	181.0				
8273	181.0	183.0				

DDH A-11

Dip: -20⁰
Bearing:
Elevation: 3,427 feet
Depth: 18 feet

Co-ordinates: Line 0+35 South
0+16 East
Logged: October 23, 1980
By: W.G. Hainsworth

- 0 - 9 - Casing
- 9 - 18 - Schist - dk. grey, schistosity @ high angles to core, graphitic, micaceous.
 - 12.5 - 13.0 - Yellowish calcareous strings.
- 18 - End of hole.

DDH A-12

Dip: -55°
Bearing: S 25° E
Elevation: 3,427 feet
Depth: 275 feet


Co-ordinates: Line 0+35 South
0+16 East
Logged: October 23, 1980
By: W.G. Hainsworth

- 0 - 9 - Casing
- 9 - 75 - Schist - light grey, schistosity @ 60° - 70° CA,
@ 30' - 6" cream calcite,
@ 59' - ½" mud seam
@ 65' - 5" qtz. vein
from 70' 75 - calcareous.
- 75 - 90 - Limestone - grey,
75' - 89' - scattered pyrite, lead and zinc mineralization
with lead heavy in patches and zinc as fine strings, associated
with cream secondary calcite.
- 90 - 130 - Schist - light grey, contorted.
@ 110' - 1" chlorite, yellowish strings.
- 130 - 133 - Limestone - with strings of pyrite & sphalerite, traces galena.
- 133 - 135 - Schist.
- 135 - 143 - Limestone - grey, poorly banded, occ. calcite strings with pyrite,
@ 141' - ½" solid sphalerite veinlet with galena
- 143 - 185 - Schist -
@ 160'-3" qtz-calcite with pyrite
@ 170'-3" pyrite, galena, sphalerite strings @ 60°
@ 178'-2" 40° strings with Pb and Zn and calcite
from 184 to 186.5 - scattered veinlets of Zn and Pb.
- 185 - 194 - Limestone - with schist
@ 192.5 - highly altered, qtz with galena, possible fault zone
- 194 - 275 - Schist - very limey, contorted, occ. pyrite strings
@ 234-3" qtz-calcite veinlet with heavy galena.
- 275 - End of hole.

NOTE - PASSED APPROXIMATELY 190 FEET BELOW STOPE

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
8274	75	80				
8275	80	85				
8276	85	89				

<u>No.</u>	<u>From</u>	<u>To</u>	<u>Au</u>	<u>Ag</u>	<u>Pb</u>	<u>Zn</u>
8277	130	133				
8278	140.5	141.5				
8279	184	186.5				
8280	192.5	194.5				
8281	234	235				

<u>B.S.</u>		<u>FS</u>	<u>HL</u>	<u>Metres Distance</u>	<u>VL</u>	<u>Mag. Azi</u>
1 (Inside Adit)	2	3	100 ⁰ 50'	38.6	+0. ⁰ 30'	265 ⁰
2	3	4	95 ⁰ 10'	71.8	+6 ⁰ 10'	359 ⁰
3	4	5	136 ⁰ 06'	16.8	+13 ⁰ 40'	49½ ⁰
4	5	DDH SITE A	153 ⁰ 30'	12.3	-5 ⁰ 30'	203½ ⁰
		FS	37 ⁰ 15'	12.9	-11-	266 ⁰
		6	73 ⁰ -	32.9	-01 ⁰ -	302 ⁰
5	6	7	222 ⁰ -	65.9	+7 ⁰ 30'	338½ ⁰
6	7	Schhaft B.0	13 ⁰ 40'	35.8		343 ⁰
	7	8	174 ⁰ 10'	99.3	-0 ⁰ 15'	341 ⁰
7	8	Collar } SITE #4 Hole } B	192 ⁰ 15'	25.5	+1 ⁰ 40'	352 ⁰
	8	9	184 ⁰ -	52.3	+3 ⁰ 30'	340 ⁰
8	9	10 Picket S3+00	174 ⁰ 10'	51.2	-3 ⁰ 30'	336 ⁰
			175 ⁰ 20'	30.4	-7 ⁰ 50'	
9	10	11	186 ⁰ 45'	90.3	+1 ⁰ 50'	343 ⁰
	11	DDH Site C	210 ⁰ 45'	3.9	-13 ⁰ 10	352 ⁰
		DDH	34 ⁰ 50'	16.2		195 ⁰
		Picket S4+00	41 ⁰ 40'	21.8		

AINSWORTH RESOURCES

DDH SURVEY SEPTEMBER 1, 1980