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Progress Report - 1980

with

Proposed 1981 and 1982 Exploration Programs

015474

NORTH ANVIL RANGE JOINT VENTURE

By:

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CYPRUS ANVIL MINING CORPORATION

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PROGRESS REPORT - 1980

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SUMMARY

A one-hole program was completed during 1980, under the North Anvil Range Joint Venture Agreement, on the Mt. Mye Claim Groups. The hole was completed to a depth of 481.3 meters. Although no significant sulfides were encountered, the hole did test the favourable stratigraphic interval recognized as host to all sulfide deposits on the south side of Anvil Batholith.

Development of a portable spectral I.P. unit was delayed further than anticipated and was not available for field trials during 1980.

A heavy mineral orientation survey was carried out over parts of the joint venture claims with some encouraging results. All claims remain in good standing. Expenditures for the 1980 program total $80,279.68.

GEOLOGY

No significant changes have been made to the geological interpretation (Maps Nos. 1, 2 and 3) reported by Jennings (1980). The revised interpretation of the Vangorda/Mt. Mye contact appears regionally valid in the Anvil District and its relationship to sulfides in the main deposit area is constantly being refined.

DRILLING

Hole No.	Claim	Zenith Angle @ Collar	Total Depth
80-NA-01	MX-184	180.0	481.3 m

Detailed lithologic and summary logs are included as Appendix I.

Hole 80-NA-01 (Map No. 1) adequately tested the favourable Vangorda/Mt. Mye contact interval to a depth of 481.3 meters. Collared in Vangorda phyllites with associated metatuffs(?), the Vangorda/Mt. Mye contact was reached at 405.9 meters, with 7.3 meters of graphitic phyllite marking the boundary. The hole was stopped 75.4 meters into non-calcareous, Mt. Mye phyllites. These relationships are summarized in a cross section drawn through the drillhole (Figure 1).

The pronounced, linear lead-zinc geochemical anomaly, which 80-NA-01 was to test, has not been explained. No mineralization was present which would account for the trend and magnitude of the geochemical anomaly. No evidence of a remobilized vein of stratiform sulfides or any indication of epigenetic stringer zones associated with the KD deposit were observed. Black sludge was observed at the collar of the hole, one sample of which gave values of 84 ppm lead and 385 ppm zinc, in good agreement with the original soil survey over the area. The source of these values remains an enigma but is not considered significant.

SPECTRAL I.P.

The field portable, Phoenix spectral I.P. unit became available in September of 1980, well past the workable field season on North Anvil Range. Because of prior commitments, Phoenix was unable to conduct orientation surveys over known Anvil District sulfide-graphitic pelite occurrences of variable burial depth in 1980. This orientation program will be conducted in June of 1981. Application of the method is dependent on a successful outcome of this program. At present, no spectral I.P. is planned in the North Anvil Joint Venture area for 1981.

HEAVY MINERAL SURVEY

An orientation survey involving heavy mineral bulk sampling over the main deposit area of Anvil Range was undertaken in 1980. To define background parameters for this survey, numerous bulk silt samples were collected and processed from the joint venture area (Maps. Nos. 4, 5 and 6). Samples were processed as shown in the schematic flow chart (Figure 2). Results of the analyses are presented in Table 1; results from conventional silt samples are given in Table 2.

Two of these samples (26 and 27) contained moderately to strongly anomalous barite concentrations (Table 1) which seem more likely related to an unmapped (unexposed?) barite horizon than drilling mud contamination upstream of the sample sites. No anomalous base metal concentrations were obtained from the samples or from regional soil samples considerably upstream of the sample sites. The immediate vicinity of the two anomalous samples is inadequately geochemically covered. The

barite in the bulk silt samples most probably is derived from an unrecognized barite occurrence (barren?) requiring further work because of its location near the Mt. Mye/Vangorda formation transition zone.

TABLE 1

BULK SAMPLE ANALYSES

		Sample #23		Sample #24		Sample #25		Sample #26		Sample #27		Sample #28		Sample #29		Sample #32		Sample #33		Sample #34		Sample #34	
		MESH SIZE		MESH SIZE		MESH SIZE		MESH SIZE		MESH SIZE		MESH SIZE		MESH SIZE		MESH SIZE		MESH SIZE		MESH SIZE		MESH SIZE	
FRACTION		-60	-35+60	-60	-35+60	-60	-35+60	-60	-35+60	-60	-35+60	-60	-35+60	-60	-35+60	-60	-35+60	-60	-35+60	-60	-35+60	-60	-35+60
	HP	3	3	8	11	14	12	52	22	25	18	12	11	76	135	18	16	24	27	17	22	12	9
Cu	HN	NA	NA	31	147	NA	NA	NA	NA	NA	NA	29	113	118	114	93	109	NA	NA	NA	NA	NA	NA
ppm	HPN	10	11	NA	NA	60	220	325	126	116	40	NA	NA	NA	NA	NA	NA	32	16	51	41	14	4
	HNN	14	9	NA	NA	50	268	35	22	131	57	NA	NA	NA	NA	NA	NA	29	31	51	102	24	NA
	HP	6	5	14	14	10	5	47	37	29	26	19	42	29	30	74	67	28	25	30	26	25	28
Pb	HN	NA	NA	57	18	NA	NA	NA	NA	NA	NA	59	53	18	12	110	59	NA	NA	NA	NA	NA	NA
ppm	HPN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HNN	31	20	NA	NA	34	48	56	25	80	72	NA	NA	NA	NA	NA	NA	31	7	76	16	48	NA
	HP	13	12	33	41	62	55	144	68	109	92	48	62	111	109	174	155	96	97	100	115	60	55
Zn	HN	NA	NA	31	147	NA	NA	NA	NA	NA	NA	29	113	118	114	93	109	NA	NA	NA	NA	NA	NA
ppm	HPN	30	36	NA	NA	77	96	290	100	129	81	NA	NA	NA	NA	NA	NA	72	34	86	39	73	33
	HNN	23	20	NA	NA	105	130	64	66	130	65	NA	NA	NA	NA	NA	NA	40	24	74	62	46	NA
	HP	2	2	4	6	6	4	14	6	8	8	6	7	39	58	9	9	12	12	8	9	4	4
Co	HN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ppm	HPN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HNN	1215	340	NA	NA	1035	675	270	495	1060	90	NA	NA	NA	NA	NA	NA	2000	450	2000	450	2000	NA
	HP	0.2	0.2	0.2	0.2	0.2	0.2	0.7	0.2	0.4	0.2	0.3	0.6	1.0	1.2	0.6	0.4	0.6	0.5	0.3	0.4	0.4	0.2
Cd	HN	NA	NA	1.3	0.5	NA	NA	NA	NA	NA	NA	1.6	0.9	0.3	0.2	1.6	0.5	NA	NA	NA	NA	NA	NA
ppm	HPN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	HNN	0.6	0.4	NA	NA	0.9	1.0	0.3	0.2	1.0	0.4	NA	NA	NA	NA	NA	NA	0.5	0.4	0.7	0.4	0.5	NA
Mo	HN	NA	NA	<1	<1	NA	NA	NA	NA	NA	NA	1	1	1	<1	4	1	NA	NA	NA	NA	NA	NA
ppm	HNN	1	<1	NA	NA	<1	1	2	1	3	4	NA	NA	NA	NA	NA	NA	<1	<1	<1	<1	2	NA
Ag	HN	NA	NA	0.2	0.3	NA	NA	NA	NA	NA	NA	0.2	0.3	7.6	0.2	3.9	0.8	NA	NA	NA	NA	NA	NA
ppm	HNN	0.2	6.6	NA	NA	0.2	0.2	1.3	0.3	0.3	0.4	NA	NA	NA	NA	NA	NA	1.5	0.2	1.3	0.2	0.4	NA
W	HN	NA	NA	160	160	NA	NA	NA	NA	NA	NA	225	6	765	745	790	IS	NA	NA	NA	NA	NA	NA
ppm	HNN	<10#	<20#	NA	NA	440	<20#	<5	<5	<20#	<10#	NA	NA	NA	NA	NA	NA	3290	<20#	<25#	<25#	145	NA
Au																							
ppm	HN	NA	NA	<20#	<50#	NA	NA	NA	NA	NA	NA	<15#	<400#	1155	<50#	<15#	IS	NA	NA	NA	NA	NA	NA
ppb	HNN	770	580	NA	NA	1230	IS	>20000	>20000	>20000	>20000	NA	NA	NA	NA	NA	NA	15500	>20000	IS	15500	1290	NA
Ba																							
ppm	HN	NA	NA	840	IS	NA	NA	NA	NA	NA	NA	770	IS	IS	IS	1240	IS	NA	NA	NA	NA	NA	NA
%	HNN	NA	NA	NA	NA	NA	NA	34.0	34.0	9.6	7.2	NA	NA	NA	NA	NA	NA	NA	2.2	NA	NA	NA	NA

IS Insufficient Sample
NA Not Analysed
Detection Limit on Small Sample

TABLE 2

Conventional Stream Sediment Results

SAMPLE NO. MESH AND TYPE	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	Cd ppm	Co ppm	W ppm	Au ppb	Ba ppm
SOS 22	Missing									
23	7	7	35	1	0.2	0.2	4	4	5	770
24	10	11	84	1	0.3	0.2	8	3	5	990
25	Missing									
26	28	25	138	3	0.3	0.5	11	4	5	2470
27	Missing									
28	14	12	104	1	0.2	0.4	8	2	5	800
29	Missing									
32	19	104	530	2	0.5	2.7	13	3	15	960
33	Missing									
34	18	22	144	2	0.2	0.6	8	3	5	1220
35	Missing									

Missing samples lost during transshipment to assay lab.

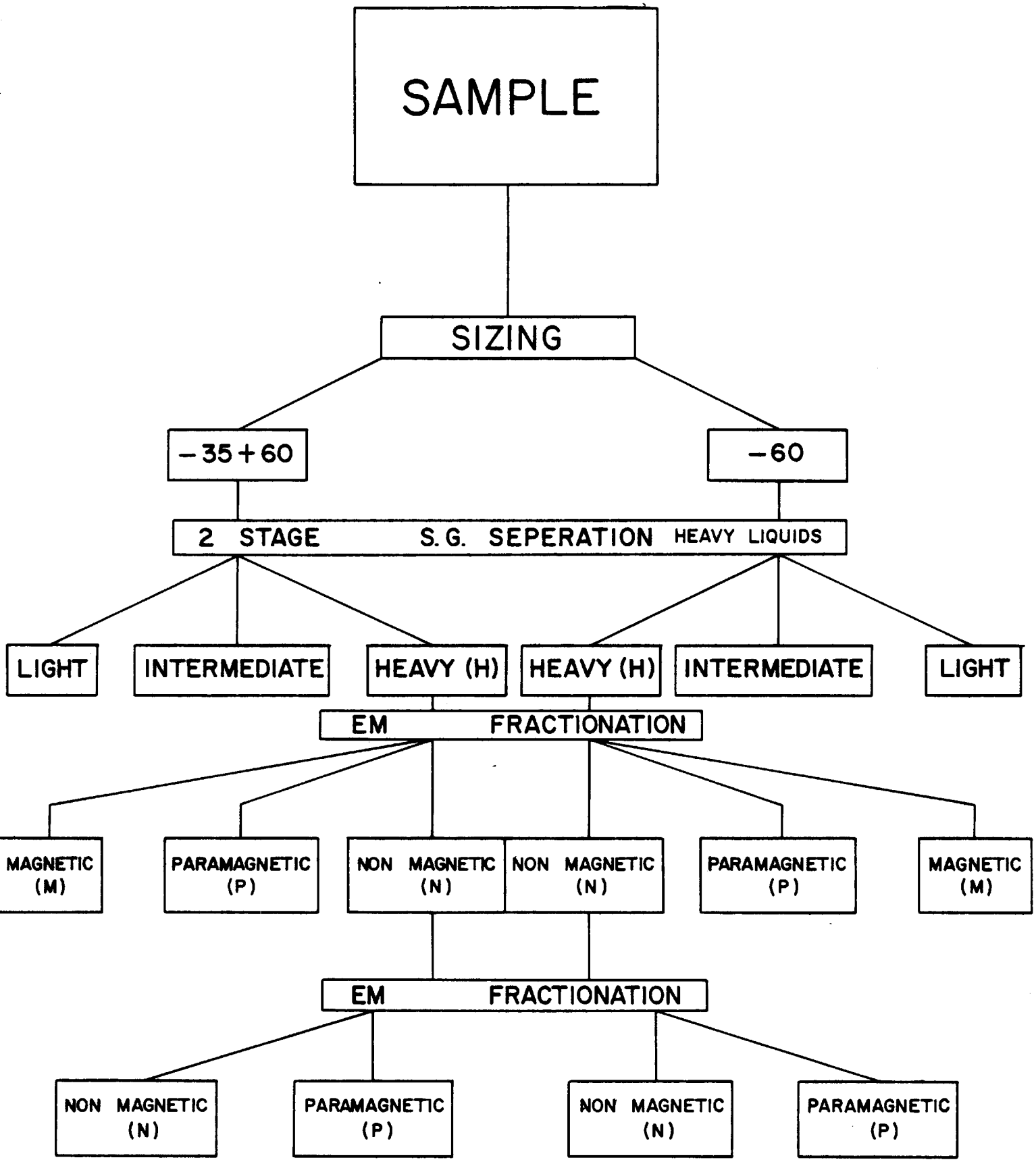

FIGURE 2

Note:

During electromagnetic fractionation on Franz Isodynamic Separator, the heavy non - magnetic fraction (HN) is re - run and split into a heavy "paramagnetic" - non - magnetic (HPN) and heavy non - magnetic (HNN) fraction where sample volume allows per the following flow sheet.

CLAIM STATUS

Updated claim summary sheets are included as Appendix II.

COST SUMMARY

A breakdown of costs for 1980 is included as Appendix III.

REFERENCES

Jennings, D. S. (1980): Proposed 1980 Exploration Program, North Anvil Joint Venture; Unpublished Report for Cyprus Anvil Mining Corporation and Metallgesellschaft Canada Ltd., 13 p.

PROPOSED 1981 AND 1982 EXPLORATION PROGRAMS

NORTH ANVIL RANGE JOINT VENTURE

PROPOSED 1981 AND 1982 EXPLORATION PROGRAMS

NORTH ANVIL RANGE JOINT VENTURE

SUMMARY

A "caretaker" program is proposed for the joint venture area in 1981. This program will include follow-up of the 1980 high barite bulk silt samples, staking of 60 claims over the Vangorda/Mt. Mye contact, and soil geochemical coverage of these claims. Payment in lieu of assessment work will be made on Ming claims 1-16 inclusive. The budget for this program is $24,000 (Appendix IV).

A provisional 1982 program is also included as a logical follow-up to the 1981 work. Two diamond drill holes are planned in this program. One hole is designed to test possible down-dip extension of the Lisa Prospect (Ace Canyon) massive and disseminated sulfides. The other hole is planned to test the Mt. Mye/Vangorda formation transition zone on the most promising of either the anomalous barite sample results or an anomalous geochemical response associated with the transition zone generated by the 1981 program. A budget of $201,850 is presented for this program (Appendix IV).

1981 PROGRAM

The anomalous barite samples encountered in the 1980 bulk silt sampling orientation will be followed up by prospecting, conventional and bulk silt sampling as needed to isolate the source. As part of an ongoing commitment, 60 mineral claims (Maps 4, 5, 6 and 7) will be staked by

Cyprus Anvil crews over previously unclaimed and untested Mt. Mye/ Vangorda formation transition zone. This land package will provide a basis for continued drill testing of this known mineralized horizon. Routine soil geochemical coverage over untested parts of this contact will be completed in 1981 on approximately 400-meter line spacings. Topofil grid coverage will be tied to existing grids covering lower parts of the stratigraphic section. Claim location lines for the proposed staking will serve as base lines for the soil surveys.

Payment on Ming 1 to 16 claims will be made in lieu of assessment work. The budget for this program totals $24,000, split $14,400 to Cyprus Anvil and $9,600 to Metallgesellschaft.

1982 PROGRAM

Drilling is planned in two areas in 1982, the Lisa area and either the anomalous barite sample area or any better geochemical response along the Mt. Mye/Vangorda contact found in the 1981 program. Details of these areas are reviewed below.

Lisa Area

The only known showings of massive and disseminated sulfides in the North Anvil Joint Venture occur in the canyon of Ace Creek on the Lisa claim block. This property has had a long and varied history as summarized by Lewis and Simpson (1973), Jilson (1975), and Walcott (1975) (appended to this report). Inspection of the relevant claims status sheets (Appendix II) indicates uncomfortable timing requirements for

assessment work on the Fat/Fin/Lisa block in 1982. Assessment dates for the Fat and Lisa blocks can be met by an early 1982 start-up. Those Fin claims due on 26 April, 1982 will either require payment in lieu (one quarter year minimum) or abandonment on the due date. As most of the Fin and Fat claims cover Mt. Mye or Siluro-Devonian lithologies only, the latter alternative may seem attractive. Prudence suggests the Lisa sulfides be thoroughly evaluated before dropping the land package (since these sulfides occur in the Mt. Mye), hence the partial payment or common dating is recommended.

Table 3 summarizes the positive and negative factors currently known about the property. The occurrence of sulfide showings, in some respects similar to Anvil District deposits, over a strike length of 5,000 to 6,000 feet (Lewis and Simpson (1973)) with no drill testing below depth of geophysical penetration, suggests the depth possibility be tested.

An inclined drillhole (-60° to the southeast) of approximately 1,000 feet would test the most favourable dip extent of the showings (Map 3). The hole should be collared on line 48W/15N on the 1974 Lisa grid (Jilson (1975)). A cross-sectional rationale for this hole is proposed and appended in Lewis and Simpson (1973). If encouraging results are obtained, the program should be continued. Failure to intersect the mineralization should lead to abandonment of the claims. Clearly, the Lisa Prospect is a low to moderate priority exploration target.

TABLE 3

EVALUATION OF THE LISA PROSPECT

Positive Factors	Negative Factors
1. Presence of massive and disseminated sulfide facies, c.f. 4C, 4L, 4H of Anvil District deposits.	1. Lack of economic grades with heavy bias toward Cu component.
2. Possibility of significant Au values.	2. Lower in stratigraphic section than Anvil District deposits, i.e. well below 3E.
3. No drill testing of down-dip extension of mineralized horizon below depth of geophysical penetration.	3. Good exposure in canyon and in DDH Ace 67-1 not encouraging.
4. Co-incident 1971 Spartan Explorations IP signature.	4. Lack of compelling geophysical signatures for turam, ground magnetics and local gravity profiling (see Jilson (1975) and Walcott (1975)).
5. Possibility that known mineralized horizon is related to a multi-layered deposit.	5. Lack of encouraging geochemical signature.

Barite Sample Area/Mt. Mye-Vangorda Contact Extension

It is assumed that the 1981 program will generate a drill target involving any or all of the following factors, alone or in combination:

(a) barite-bearing bulk silt follow-up results,

(b) anomalous soil geochemical results, and

(c) stratigraphic proximity to the Mt. Mye/Vangorda contact.

A 1,500-foot drillhole is planned to evaluate this anticipated target.

A budget of $201,850 is proposed to complete the 1982 program (Cyprus Anvil - $121,110; Metallgesellschaft - $80,740). A detailed breakdown is given in the project A.F.E. included as Appendix IV.

REFERENCES

Jilson, G.A. (1975) Report on 1974 Exploration, Lisa Claim Group, N.T.S. 105-K-7; Unpub. Rpt. for Cyprus Anvil Mining Corporation, 12 p.

Lewis, P.F. and Simpson, J.G. (1973) A geological Report on the Lisa Claims, Whitehorse Mining District, Yukon Territory; Unpub. Rpt. for Ridgemont Mining Corporation, 10 p.

Walcott, P.E. (1975) A Report on a Gravity Survey, Lisa Grid Area, Y.T.; Unpub. Rpt. for Cyprus Anvil Mining Corporation, 8 p.

APPENDIX I

Summary and Detailed Logs

DDH 80-NA-01

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80 - NA - 01

Project: North Anvil

Location: North Anvil Range

Claim: MX - 184

Terr. Plane Co-ords.: 22,719,450' N

300, 150' E

Grid Co-ords.: L236W/28N

Inclination: Vertical

Elevation: 5280'

Total Depth: 481.3 m

Fabric Orientation Diagram:

All symmetry determinations looking NW with S_2 dipping NE with dip azimuth _____.

Purpose: Examine a linear geochem anomaly, Vangorda Formation

Logged by: BVH Date(s) Logged: June 18 - June 30, 1980

Drilling Contractor: Arctic

Core:

Size	From	To
NQ	18.6	481.3

Collar Cased and Capped: No

Started: June 15, 1980 Completed: June 29, 1980

DDH 80-NA-1

2 8

Lithologic Log

Logged By: BVH

SUMMARY LOG

Code	From	To	Unit	Code	Description (meters)
1	10 14	16 20	22 23	25 27	
L	0	186	01	#1	Triconed / No Core
L	186	197	02	5B0	
L	197	216	03	5D3	
L	216	560	04	5B0	
L	560	575	05	5D3	
L	575	1286	06	5B0	
L	1286	1335	07	5D3	
L	1335	1444	08	5B0	
L	1444	1521	09	5D3	
L	1521	1778	10	5B0	
L	1778	1795	11	5D3	
L	1795	1823	12	5B0	/5D3 50:50
L	1823	1951	13	5B0	
L	1951	2031	14	5D3	
L	2031	2410	15	5C0	
L	2410	2421	16	5D3	
L	2421	2789	17	5B0	
L	2789	2868	18	5B0	Minor inter calated 5D
L	2868	2906	19	5E0	
L	2906	3036	20	5D3	
L	3036	3444	21	5B7	
L	3444	3462	22	5D0	
L	3462	3944	23	5B7	
L	3944	3986	24	5D3	
L	3986	4059	25	5A0	
L	4059	4532	26	3G0	8
L	4532	4560	27	3B0	
L	4560	4720	28	3G0	7
L	4720	4758	29	3B3	
L	4758	4813	30	3G0	
					End of hole

DDH B.O.N.A.-01
2 8

Diamond Drill Core Log

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 40
T	B0NA-101				METERS

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	B0NA-101	0 0	180.0	010.10	ATCOLLAR
R	B0NA-101	161 3	172.0	214.10	
R	B0NA-101	1125 3	168.0	214.10	
R	B0NA-101	1189 3	164.0	216.10	
R	B0NA-101	1253 3	161.0	213.10	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2 8	10
	B0NA-101	TESTS CAVITY NOT BEEN PAST 250M.

DDH 80-NA-01 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: RVH

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1 1010 0	1 1186	11	#1	O/B no core.
L	1 1186	1 1197	12	S1B10	
L	1 1197	1 12116	13	S1D13	
L	1 12116	1 13151	14	S1B10	
L	1 13151	1 13193	15	S1B16	
L	1 1393	1 15160	16	S1B10	
L	1 15160	1 15175	17	S1D13	
L	1 15175	1 15196	18	S1B17	-SB73.
L	1 15196	1 12138	19	S1B10	
L	1 12138	1 12186	110	S1B10	zone of gouge and broken core
L	1 12186	1 13135	111	S1D13	
L	1 13135	1 14144	112	S1B10	
L	1 14144	1 15121	113	S1D13	
L	1 15121	1 16106	114	S1B10	zone of gouge.
L	1 16106	1 16133	115	S1B10	
L	1 16133	1 16134	116	S1D13	
L	1 16134	1 17178	117	S1B10	
L	1 17178	1 17195	118	S1D13	minor bands of SBO.
L	1 17185	1 18104	119	S1B0	
L	1 18104	1 18109	210	S1D13	
L	1 18109	1 18117	211	S1B10	
L	1 18117	1 18123	212	S1D3	
L	1 18123	1 19138	213	S1B10	
L	1 19138	1 19151	214	S1B10	very light in colour, very calcareous and possibly chloritic.
L	1 19151	1 21013	215	S1D13	gradational with unit #24.
L	1 21013	1 21015	216	S1C13	pale green in colour (metabasit.)
L	1 21015	1 21018	217	S1C13	dark green in colour
L	1 21018	1 21173	218	S1C10	not as foliated as #27 #26
					hanging wall contact very sharp-
					appears to be a syn volcanic
					dyke, footwall contact more gradational
L	1 21173	1 21199	219	S1C13	similar to #28 only calcareous
L	1 21199	1 22183	310	S1C13	similar to #26 #27
L	1 22183	1 23141	311	S1C10	becoming darker and more foliated
					towards the footwall, possibly ultramafic

DDH 82-NA01 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page ____ of ____

Logged By: BVH

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
					in composition
L	12141 0	12141 7	312	5 D 13	
L	12141 7	12141 2 1	313	5 D 14	-5D43
L	12141 2 1	12161 0 6	314	5 B 10	
L	12161 0 6	12171 4 7	315	5 B 17	-5B73
L	12171 4 7	12171 8 9	316	5 B 10	
L	12171 8 9	12181 0 8	317	5 D 13	
L	12181 0 8	12181 6 6	318	5 B 10	
L	12181 6 6	12181 6 8	319	5 D 13	
L	12181 6 8	12191 0 6	410	5 E 10	very clean, well laminated
					limestone, minor pelitic sections
L	12191 0 6	13101 3 6	411	5 D 13	
L	13101 3 6	13141 2 5	412	5 B 10	
L	13141 2 5	13141 4 4	413	5 B 17	-5B73
L	13141 4 4	13141 6 2	414	5 D 10	
L	13141 6 2	13141 8 5	415	5 B 17	-5B73
L	13141 8 5	13161 8 4	416	5 B 10	
L	13161 8 4	13171 0 7	417	5 B 17	-5B73
L	13171 0 7	13171 6 9	418	5 B 17	-5B73 gouge zone
L	13171 0 9	13191 4 4	419	5 B 17	-5B73
L	13191 4 4	13191 8 6	510	5 D 13	
L	13191 8 6	14101 1 4	511	5 A 10	
L	14101 1 4	14101 2 2	512	5 A 10	gouge zone
L	14101 2 2	14101 5 9	513	5 A 10	
L	14101 5 9	14131 6 5	514	3 G 10	
L	14131 6 5	14131 7 7	515	3 G 18	-3G83 resembles 5B73
L	14131 7 7	14131 8 1	516	3 G 10	zone of gouge
L	14131 8 1	14151 1 0	517	3 G 10	
L	14151 1 0	14151 2 3	518	3 G 18	
L	14151 2 3	14151 3 2	519	3 G 10	
L	14151 3 2	14151 6 0	610	3 B 10	
L	14151 6 0	14161 5 4	611	3 G 10	
L	14161 5 4	14171 2 0	612	3 G 7	
L	14171 2 0	14171 5 8	613	3 B 13	distinct carbonate bands
L	14171 5 8	14181 3	614	3 G 10	
					END OF HOLE

DDH B.O.NB-01 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Page ____ of ____

Logged By: BVH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
		11186					O/B no core.
S		11186	CIS12			611	
S		12138	CIS12			711	
S		12944	FI2	Z		519	Z-sym 18.6-29.4
S		13161	FI2	S		413	S-sym 29.4-36.1
S		14203	CIS12			518	
S		14733		M		710	M-Region 36.1-47.3
S		15477	FI2	S		613	S-sym 47.3-54.7
S		16103	CIS12			510	
S		16344	FI2	Z			Z-sym 54.7-63.4
S		16994	FI2	S		512	S-sym 63.4-69.4
S		17667	CIS12			619	
S		18000	FI2	Z		613	Z-sym 69.4-80.0
S		18233	FI2	S		612	S-sym 80.0-82.3
S		18557	FI2	Z		417	Z-sym 82.3-85.7
S		19389	CIS12			519	
S		19888	FI2	Z		810	S sym 85.7-98.8
S		11011 2	FI2	Z			Z sym 98.8-101.2
S		11013 0	CIS12			712	
S		11019 1	CIS12			515	
S		11115 2	CIS12			719	
S		11210 2	FI2	S		811	S sym 101.2-120.2
S		11212 0	FI2	Z			Z sym 120.2-122.0
S		11217 1	CIS12			616	
S		11313 5	CIS12			513	
S		11319 0	CIS12			711	
S		11415 7	CIS12			517	
S		11417 1	FI2	S			S sym 122.0-147.1
S		11610 6	CIS12			614	zone of gouge. 152.1-160.6
S		11612 1	FI2	Z			Z sym 147.1-162.1
S		11616 4	CIS12			414	
S		11711 3		M			M region 162.1-171.3
S		11712 2	FI2	Z		613	Z sym 171.3-172.2
S		11719 2	CIS12			610	
S		11810 4	FI2	S			S sym 172.2-180.4
S		11811 6		M			M region 180.4-191.6

DDH 82N.A.-0.1 (2 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Logged By: BYH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S	1181.4	9	IF12	S		610	S sym 181.6 - 184.9
S	1184	9	IF12	Z		512	Z sym 184.9 - 189.9
S	1191.1	4		M			M region 189.9 - 191.4
S	1191.6	4	IF12	Z		611	Z sym 191.4 - 196.4
S	1201.1	4		M		616	M region 196.4 - 201.4
S	1201.6	6	IF12	Z		515	Z sym 201.4 - 206.6
S	1211.2	7	PIS12			617	
S	1217.5	8	PIS12			511	
S	1221.1	9	PIS12			511	
S	1221.8	0	PIS12			710	
S	1231.4	1	PIS12			611	
S	1241.0	2		R		711	R dominated zone 206.6 - 240.2
S	1241.4	4		M		719	M region 240.2 - 244.4
S	1241.7	3	IF12	S			S sym 244.4 - 247.3
S	1241.8	7	CIS12			710	
S	1251.5	4	CIS12			69	
S	1261.2	8	IF12	Z		717	Z sym 247.3 - 262.8
S	1261.3	6	IF12	S			S sym 262.8 - 263.8
S	1261.7	6	CIS12			610	
S	1271.3	4	IF12	Z		712	Z sym 263.8 - 273.4
S	1271.6	7	IF12	S		619	S sym 273.4 - 276.7
S	1281.2	5	CIS12			818	
S	1281.7	7		M			M region 276.7 - 287.7
S	1291.3	2	CIS12			715	
S	1291.6	2	IF12	Z		710	Z sym 287.7 - 296.3
S	1301.3	6	IF12	S		713	S sym 296.3 - 303.6
S	1301.7	9	IF12	Z		815	Z sym 303.6 - 307.9
S	1311.0	3	IF12	S		718	S sym 307.9 - 310.3
S	1311.6	3	IF12	Z		713	Z sym 310.3 - 316.3
S	1321.1	3	IF12	?		615	S sym 316.3 - 321.3
S	1321.3	3		M			M region 321.3 - 323.3
S	1331.0	1	CIS12			618	
S	1331.6	2	CIS12			712	
S	1331.6	9	IF12	S		810	S sym 323.3 - 336.9
S	1341.1	4	CIS12			814	
S	1341.7	2	IF12	Z		719	Z sym 336.9 - 347.2

DDH 82NAB-01 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Page _____ of _____

Logged By: BVH

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		131418 1	IF12	S			S sym 347.2 - 348.1
S		131512 1	IF12	Z		812	Z sym 348.1 - 352.1
S		131516 7	IF12	S		718	S sym 352.1 - 356.7
S		131615 3	IF12	Z		814	Z sym 356.7 - 365.3
S		131618 4	IF12	S		719	S sym 365.3 - 368.4
S		131712 2	IF12	Z		59	Z sym 368.4 - 372.2
S		131717 3	C1S12			712	
S		131812 8	C1S12			716	
S		131814 5	IF12	S		813	S sym 372.2 - 384.5
S		131818 3	C1S12			710	
S		131913 3	C1S12			716	
S		131918 7	C1S12			712	
S		141015 4	C1S12			719	
S		141110 5	IF12	Z		719	Z sym 384.5 - 410.5
S		141111 5	IF12	S			S sym 410.5 - 411.5
S		141113 4	IF12	Z		510	Z sym 411.5 - 413.4
S		141115 8	IF12	S			S sym 413.4 - 415.8
S		141119 4	C1S12			718	
S		142135	IF12	Z		715	Z sym 415.8 - 423.5
S		142171	IF12	S		811	S sym 423.5 - 427.1
S		143125	C1S12			715	
S		143150	IF12	Z			Z sym 427.1 - 435.0
S		144111	IF12	S		812	S sym 435.0 - 441.1
S		144130	IF12	Z		715	Z sym 441.1 - 443.0
S		144495	C1S12			815	
S		145157	IF12	S		711	S sym 443.0 - 455.7
S		146127	C1S12			719	
S		146185	C1S12			811	
S		147127	C1S12			810	
S		147185	C1S12			619	
S		148113	IF12	Z		715	Z sym 455.7 - 481.3
							END OF HOLE

APPENDIX II

Claim Summary

COMPANY CYPRUS ANVIL MINING ..... CLAIM ..... PROPERTY OWNERSHIP M.D. Whitehorse ..... N.T.S. 105-K-6 .....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
JOINT VENTURE - METALLGESELLSHAFT (North Anvil Range)								
TAF	(100% Cyprus Anvil)							
23-24	Y62473-Y62474	2	George Bob	Sept. 29, 1971	Cyprus Anvil	May 10, 1976	March 1, 1984	Assess. Work Filed
25-32	Y62483-Y62490	8	Harold Smith	Sept. 29, 1971	"	"	March 1, 1984	Date: Aug. 29, 1980
33-38	Y62491-Y62496	6	Cliff McLeod	Sept. 29, 1971	"	"	March 1, 1984	Amt.: $36,100.00
JET	(Cyprus Anvil 87½%; Mercury Explor. 5%; Giant Yellowknife 7½%)							Type: DDH 80-NAR-01
50	Y3191	1			Cyprus Anvil	May 10, 1976	March 1, 1984	CERTIFICATES OF WORK NOT RECEIVED
52	Y3193	1			"	"	March 1, 1984	
54	Y3195	1			"	"	March 1, 1984	
56	Y3197	1			"	"	March 1, 1984	
58-63	Y3199-Y3204	6			"	"	March 1, 1984	
64	Y3205	1			"	"	March 1, 1984	
93	Y3234	1			"	"	March 1, 1984	
95	Y3236	1			"	"	March 1, 1984	
97-104	Y3238-Y3245	8			"	"	March 1, 1984	
MX	(Cyprus Anvil 95%; Mercury Explor. 5%)							
178-185	Y30637-Y30644	8			Cyprus Anvil	May 10, 1976	March 1, 1984	
119	Y30591	1			"	"	March 1, 1984	
AM	(Cyprus Anvil 95%; Mercury Explor. 5%)							
1-2	Y63877-Y63878	2	G. Jilson	Nov. 5, 1971	Cyprus Anvil	May 10, 1976	March 1, 1984	
	(Cyprus Anvil 100%)							
3-10	YA48308-YA48315	8	G. R. Craft	Oct. 9, 1979	Cyprus Anvil	Dec. 21, 1979	March 1, 1984	
11-15	YA48316-YA48320	5	R. W. Craft	Oct. 9, 1979	"	"	March 1, 1984	

COMPANY CYPRUS ANVIL MINING ..... CLAIM ..... PROPERTY OWNERSHIP M.D. Whitehorse ..... N.T.S. 105-K-6 .....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
JOINT VENTURE - METALLGESELLSCHAFT (Contd.)								
TIM	(Cyprus Anvil 95%; Mercury Explor. 5%)							
3	Y30299	1			Cyprus Anvil	May 10, 1976	March 1, 1984	
5	Y30301	1			"	"	March 1, 1984	
7	Y30303	1			"	"	March 1, 1984	
9-11	Y30305-Y30307	3			"	"	March 1, 1984	
12-20	Y30308-Y30316	9			"	"	March 1, 1984	
21-24	Y30317-Y30320	4			"	"	March 1, 1984	
25-32	Y30321-Y30328	8			"	"	March 1, 1984	
ZAN	(Cyprus Anvil 95%; Mercury Explor. 5%)							
1	Y25973	1			Cyprus Anvil	May 10, 1976	March 1, 1984	
3	Y25975	1			"	"	March 1, 1984	
5-8	Y25977-Y25980	4			"	"	March 1, 1984	
9-12	Y25981-Y25984	4			"	"	March 1, 1984	
13-14	Y25985-Y25986	2			"	"	March 1, 1984	
15	Y26126	1			"	"	March 1, 1984	
16-20	Y25987-Y25991	5			"	"	March 1, 1984	
21-24	Y25992-Y25995	4			"	"	March 1, 1984	
26	Y26128	1			"	"	March 1, 1984	
28	Y26130	1			"	"	March 1, 1984	
33-36	Y26135-Y26138	4			"	"	March 1, 1984	
41-44	Y26143-Y26146	4			"	"	March 1, 1984	

COMPANY CYPRUS ANVIL ..... CLAIM FAT ..... PROPERTY OWNERSHIP Cyprus Anvil 60% Metall. 40% M.D. Whitehorse ..... N.T.S. 105-K-6 & 7 .....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
26	Y78315	1	J. M. Graham	April 5, 1974	Cyprus Anvil	April 2, 1976	July 5, 1982	Assess. Work Filed Date: June 29, 1978 Amt. $5,600 Type: DDH 78-NA-01
28	Y78317	1	J. M. Graham	April 5, 1974	"	"	July 5, 1982	
30	Y78319	1	J. M. Graham	April 5, 1974	"	"	July 5, 1982	
32	Y78321	1	J. M. Graham	April 5, 1974	"	"	July 5, 1982	* * * * * * *
33-36	Y78322-Y78325	4	E. Ennis	April 5, 1974	"	"	July 5, 1982	
41-48	Y78330-Y78337	8	A. Russell	April 5, 1974	"	"	July 5, 1982	
49-56	Y78338-Y78345	8	B. Irving	April 5, 1974	"	"	July 5, 1982	
71-78	Y78360-Y78367	8	N. Welter	April 5, 1974	"	"	July 5, 1982	
79-86	Y78368-Y78375	8	A. Hart	April 5, 1974	"	"	July 5, 1982	
101-108	Y78390-Y78397	8	M. Barker	April 5, 1974	"	"	July 5, 1982	
109-114	Y78398-Y78403	6	O. Peel	April 5, 1974	"	"	July 5, 1982	
129-130	Y78418-Y78419	2	J. F. Welter	April 5, 1974	"	"	July 5, 1982	

COMPANY ...CYPRUS ANVIL..... CLAIM ....FIN..... PROPERTY OWNERSHIP Cyprus Anvil 60% Metall. 40% ..Whitehorse..... N.T.S. 105-K-7.....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
1-8	YA4214-YA4221	8	R. Hill	April 26, 1976	Cyprus Anvil	May 27, 1976	April 26/82	Assess. Work Filed Date: April 15/77 Amoun t: $12,400 Type: Gravity Surv. July 10-Oct. 31/76 Amount: $9,200 Type: Turam & Mag. June 22-Oct. 31/76 * * * * * * * *
9-16	YA4222-YA4229	8	L. Ladue	April 26, 1976	"	"	April 26/82	
17-24	YA4230-YA4237	8	G. MacMillan	April 26, 1976	"	"	April 26/82	
25-32	YA4238-YA4245	8	E. Albert	April 26, 1976	"	"	April 26/82	
33-40	YA4246-YA4253	8	R. Voisine	April 26, 1976	"	"	April 26/82	
41-48	YA4254-YA4261	8	R. Carlick	April 26, 1976	"	"	April 26/82	
49-54	YA4262-YA4267	6	L. Bill	April 26, 1976	"	"	April 26/82	
55-62	YA19724-YA19731	8	Francois Busque	Sept. 12, 1977	Cyprus Anvil	Nov. 8, 1977	Sept. 12,1982	
63-64	YA19732-YA19733	2	Jean Denis	Sept. 12, 1977	"	"	Sept. 12,1982	Assess. Work Filed Date: June 29, 1978 Amt. $1,900 Type: DDH 78-NA-01 * * * * * * * * Assess. Work Filed Date: July 11, 1978 Amt. $7,500 Type: DDH 78-NA-02 * * * * * * * *

COMPANY ..... CYPRUS ANVIL ..... CLAIM ..... LISA ..... PROPERTY OWNERSHIP Cyprus Anvil 54%, Ridgemont 10%, Metall. 36% M.D. ..... Whitehorse ..... N.T.S. 105-K-7

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
1-8	Y75073-Y75080	8	R. Bjork	March, 1973	Cyprus Anvil	May 27, 1976	Aug. 28, 1982	Assess. Work Filed Date: April 15, 1977 Type: Turam & Mag. June 22-Oct. 31/76 * * * * * * * *
9-14	Y75081-Y75086	6	Penny Sills	March, 1973	"	"	Aug. 28, 1982	
15-22	Y75087-Y75094	8	P. Burke	March, 1973	"	"	Aug. 28, 1982	
23-28	Y75095-Y75100	6	S. Kanayama	March, 1973	"	"	Aug. 28, 1982	
29-36	Y80441-Y80448	8	G. Jilson	Aug. 28, 1974	"	May 10, 1976	Aug. 28, 1982	Assess. Work Filed Date: Sept. 1, 1977 Amt. $2,800 Type: Linecutting * * * * * * * *
37-38	Y80449-Y80450	2	A. Jilson	Aug. 28, 1974	"	"	Aug. 28, 1982	
39-41	Y80451-Y80453	3	A. Jilson	Aug. 28, 1974	"	"	Aug. 28, 1982	Assess. Work Filed Date: July 11, 1978 Amt. $12,500 Type: DDH 78-NA-02 * * * * * * * *

COMPANY ..... CYPRUS ANVIL MINING CLAIM ..... ROG PROPERTY OWNERSHIP Cyprus Anvil 60% Metall. 40% M.D. ..... Whitehorse N.T.S. 105-K-6

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
1-8	YA19741-YA19748	8	Lash Ladue	Sept. 12, 1977	Cyprus Anvil	Nov. 8, 1977	Sept. 12,1982	Assess. Work Filed Date: June 29, 1978 Amt. $10,000 Type: DDH 78-NA-01
9-16	YA19749-YA19756	8	Louis Tommy	Sept. 12, 1977	"	"	Sept. 12,1982	
17-22	YA19757-YA19762	6	Gordon Etzel	Sept. 12, 1977	"	"	Sept. 12,1982	
23-25	YA19763-YA19765	3	Jean Denis	Sept. 12, 1977	"	"	Sept. 12,1982	* * * * * * * *

COMPANY CYPRUS ANVIL CLAIM SARK PROPERTY OWNERSHIP Cyprus Anvil 60% Metall. 40% M.D. Whitehorse N.T.S. 105-K-6

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
1-8	YA4315-YA4322	8	John McLeod	April 30, 1976	Cyprus Anvil	June 29, 1976	March 1, 1984	Assess. Work Filed Date: Sept, 1976 Amount: $23,761.54 Type: Linecutting * * * * * * * *
9-16	YA4323-YA4330	8	Don Lindgren	April 30, 1976	"	"	March 1, 1984	
17-24	YA4331-YA4338	8	Raymond Morin	April 30, 1976	"	"	March 1, 1984	
25-32	YA4339-YA4346	8	Hector Vallee	April 30, 1976	"	"	March 1, 1984	
33-40	YA4347-YA4354	8	A. Carlos	April 30, 1976	"	"	March 1, 1984	
41-42	YA4355-YA4356	2	Bernard L. Locke	April 30, 1976	"	"	March 1, 1984	Assess. Work Filed Date: April 15/77 Amount: $12,600.00 Type: Gravity Surv. July 1-Sept. 30/76 * * * * * * * * Assess. Work Filed Date: Aug. 29, 1980 Amt.: $12,600.00 Type: DDH 80-NAR-01 CERTIFICATES OF WORK NOT RECEIVED

COMPANY CYPRUS ANVIL ..... CLAIM MING ..... PROPERTY OWNERSHIP Cyprus Anvil 48%, Cream Silver 20%, Metall. 32% M.D. Whitehorse ..... N.T.S. 105-K-6 .....

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information To	Transfer Information Date	Due Date	Assessment Work and Remarks
OPTION AGREEMENT - CREAM SILVER MINES								
MING CLAIMS - 105-K-6 (North Anvil Range)								
1-16	Y76699-Y76714	16		Aug. 20, 1976			Aug. 20, 1981	Assess. Work Filed Date: Aug. 23, 1978 Amt. $3,200.00 Type: Linecutting * * * * * * * *

APPENDIX III

Summary of Project Costs to 31 December, 1980

APPENDIX III

SUMMARY OF PROJECT COSTS TO DECEMBER 31, 1980

NORTH ANVIL RANGE JOINT VENTURE

Salaries and Wages	$ 3,089.88
Surveys - Geochemical	1,006.25
Surveys - Other	375.51
Drilling	41,846.95
Assays and Geochemical Analyses	234.70
Field Equipment and Supplies	735.09
Camp Maintenance	1,709.87
Fuel	3,002.17
Rotary Wing	17,457.27
Miscellaneous Transportation	1,018.99
Property Maintenance	2,505.00
	$72,981.68
Administration - 10%	$ 7,298.00
TOTAL	$80,279.68

DISTRIBUTION:

Cyprus Anvil - 60%	$48,167.81
Metallgesellschaft - 40%	$32,111.87

APPENDIX IV

1981 and 1982 Proposed A.F.E.'s; North Anvil Range

CYPRUS ANVIL MINING CORPORATION

A.F.E. 81-2200
(Exploration)

TITLE: North Anvil Range

ESTIMATED COST:

01	Salaries and Wages	$ 600.00
02	Staking Costs	1,500.00
05	Surveys - Geochemical	1,500.00
11	Assays and Geochemical Analyses	2,000.00
14	Fuel	1,500.00
15	Rotary Wing	12,000.00
16	Miscellaneous Transportation	500.00
33	Property Maintenance	2,200.00
	Total Direct Costs	21,800.00
44	Overhead	2,200.00
	TOTAL COST	24,000.00

DISTRIBUTION:

	Cyprus Anvil - 60%	14,400.00
	Metallgesellschaft - 40%	9,600.00

CYPRUS ANVIL MINING CORPORATION

Partial
A.F.E. 82-2200
(Exploration)

TITLE: North Anvil Range

ESTIMATED COST: (assuming 15% inflation over 1981)

01	Salaries and Wages	$ 5,000.00
03	Consulting Fees - Computer	500.00
08	Drilling (2,500' @ $45/ft. incl. camp)	130,000.00
12	Field Equipment and Supplies	500.00
14	Fuel	5,000.00
15	Rotary Wing (80 hrs. @ $485/hr. casual)	39,000.00
16	Miscellaneous Transportation	1,500.00
33	Property Maintenance	2,000.00
	Total Direct Costs	183,500.00
44	Overhead	18,350.00
	TOTAL COST	201,850.00

DISTRIBUTION:

Cyprus Anvil - 60%	121,110.00
Metallgesellschaft - 40%	80,740.00

Progress Report - 1980

with

Proposed 1981 and 1982 Exploration Programs

NORTH ANVIL RANGE JOINT VENTURE

By:

J. W. Mustard

D. S. Jennings

CYPRUS ANVIL MINING CORPORATION

January, 1981

TABLE OF CONTENTS

Page

PROGRESS REPORT - 1980

SUMMARY 1

GEOLOGY 1

DRILLING 2

SPECTRAL I.P. 3

HEAVY MINERAL SURVEY 3

CLAIM STATUS 8

COST SUMMARY 8

REFERENCES 9

PROPOSED 1981 AND 1982 EXPLORATION PROGRAMS

SUMMARY 10

1981 PROGRAM 10

1982 PROGRAM 11

Lisa Area 11

Barite Sample Area/Mt. Mye-Vangorda Contact Extension . . . 14

REFERENCES 15

LIST OF ILLUSTRATIONS

		Page
FIGURE 1	Geological Cross Section Through DDH 80-NA-01	(Pocket)
FIGURE 2	Schematic Flow Chart	3
MAP 1	Geological Map, Sheet E-5	(Pocket)
2	Geological Map, Sheet F-5	"
3	Geological Map, Sheet G-5	"
4	Claims Map, E-5	"
5	Claims Map, Sheet F-5	"
6	Claims Map, Sheet G-5	"
7	Proposed 1981 Claim Staking and Soil Geochemical Coverage	"
TABLE 1	Bulk Sample Analyses	5
TABLE 2	Conventional Stream Sediment Results	6
TABLE 3	Evaluation of Lisa Prospect	13
APPENDIX I	Summary and Detailed Logs DDH 80-NA-01	
APPENDIX II	Claim Summary	
APPENDIX III	Summary of Project Costs to 31 December, 1980	
APPENDIX IV	1981 and 1982 Proposed A.F.E.'s; North Anvil Range	

SOUTHWEST

NORTHEAST

E
I

E'
I

ELEV
6000'
5000'
4000'
3000'
2000'
1000'

GRAPHITE FAULT

DDH
80-NA-01

€Om
€Ovcs
€Ovb
€Ov
€Op
HCmmp
HCp
Kgd
OSmc

LEGEND

CRETACEOUS

928 — Kgd — Biotite granodiorite; quartz monzonite

ORDOVICIAN - SILURIAN

Menzie Creek Formation

911 — OSmc — Chloritic phyllite, chlorite-mottled metabasalt and metabasite

CAMBRIAN - ORDOVICIAN

Vangorda Formation

904 — €Om — Phyllitic marble and silicated marble

913 — €Ovcs — Calc-silicate phyllite equivalent of CO_v

908 — €Ovb — Dark green, variably calcareous, massive metabasite

920 — €Ov — Calcareous muscovite chlorite ± biotite phyllite

936 — €Op — Variably calcareous, graphitic phyllite host to unit 4

HADRYNIAN - CAMBRIAN

Mt. Mye Formation

963 — HCp — Graphitic phyllite/schist

941 — HCmmp — Non-calcareous, grey brown biotite-muscovite andalusite schist with lesser phyllitic equivalents

inches
0 1 2
0 1 2 3 4 5
centimetres

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

CYPRUS ANVIL MINING CORPORATION

NORTH ANVIL J.V. CLAIM AREA

GEOLOGICAL SECTION ALONG E-E'

N.T.S. 105-K-6 (E-5)
SURVEY BY: J.M.
DRAWN BY: r.w.r.

SCALE: 1"=1000'
DATE: NOV. 18/80

62° 30' 00" 300,000 E 22,740,000' N 133° 10' 00" 310,000' E 320,000' E 22,730,000' N 133° 05' 00"

EXISTING MAPPING BY
McELHANNEY SURVEYING & ENGINEERING LTD.

62° 30' 00" 133° 15' 00" 22,740,000' N 290,000' E 22,730,000' 133° 20' 00" 280,000' E 22,720,000' N 62° 25' 00" 22,710,000' N 280,000' E 290,000' E 133° 15' 00" 300,000' E 22,720,000' N 133° 50' 00" 62° 25' 00" 320,000' E 22,710,000' N 310,000' E 22,700,000' N 300,000' E

⊕ PROPOSED DDH SITE

inches
0 1 2
0 1 2 3 4 5
centimetres

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

OUTCROP BOUNDARY SHOWS FIELD STATION NO.'S 526

CONTACT SOLID WHERE DEFINED, DASHED WHERE COVERED, DASH - DOTTED WHERE APPROXIMATE

BURIED DEPOSIT MARGIN VERTICAL PROJECTION OF DEPOSIT MARGIN

STRATIGRAPHIC TRACING, DASHED SHOWING TRANSITION OF ROCK UNIT (SEE ROCK UNIT LIST)

FAULT SHOWS DIP DIRECTION AND RELATIVE MOVEMENT, SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH - DOTTED WHERE CONCEALED, ARROWS INDICATE RELATIVE MOVEMENT DIRECTION WHERE KNOWN

THRUST FAULT SHOWS MOVEMENT DIRECTION OF ALLOCHTHON

BRECCIA

FLOW FOLIATION INCLINED, VERTICAL, HORIZONTAL

FOLDS SHOWING AXIAL TRACE AND DIRECTION OF PLUNGE OF FOLD AXIS, SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH - DOTTED WHERE APPROXIMATE

ANTICLINE SYNCLINE

OVERTURNED FOLDS SHOWING AXIAL TRACE, DIRECTION OF PLUNGE AND DIP OF AXIAL PLANE, SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH - DOTTED WHERE APPROXIMATE

EVENT	PLANAR ELEMENT	LINEAR ELEMENT (SHOWS TREND, PLUNGE & SYMMETRY (NW))	FOLD GENERATION
DEPOSITION	BEDDING — INCLINED, VERTICAL, HORIZONTAL	NONE	NONE
D_1	S_1 — INCLINED, VERTICAL, HORIZONTAL	L_1 75° 45°	F_1 75° 45°
D_2	S_2 — INCLINED, VERTICAL, HORIZONTAL	L_2 75° 45°	F_2 75° 45°
D_3	S_3 — INCLINED, VERTICAL, HORIZONTAL	L_3 75° 45°	F_3 75° 45°
D_4	S_4 — INCLINED, VERTICAL, HORIZONTAL	L_4 75° 45°	F_4 75° 45°
D_5	S_5 — INCLINED, VERTICAL, HORIZONTAL	L_5 75° 45°	F_5 75° 45°

MAP INDEX

1 ANVIL MINE
2 AEX & VANGORDA
3 SWIM LAKES

Scale 1" = 16 miles

ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
BRIDGES
PRIMARY STREAMS
SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D.H. SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS △ 5241
SPOT ELEVATION IN FEET • 3067

CYPRUS ANVIL MINING CORPORATION

GEOLOGY

REVISED BY
- FEB 28, 1978
- NOV 22, 1978
- JUN 18, 1980
- JAN , 1981

1000 0 1000 2000
SCALE IN FEET

N.T.S. 105K - 6
DRAWN BY N.D.H.
DATE: SEPT 1977

EXISTING MAPPING BY
MCELHANNEY SURVEYING &
ENGINEERING LTD.

CYPRUS ANVIL MINING CORPORATION

GEOLOGY

inches
0 1 2
0 1 2 3 4 5
centimetres

YUKON GEOLOGICAL SURVEY

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MAP INDEX

1 ANVIL MINE
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3 SWIM LAKES

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ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
BRIDGES
PRIMARY STREAMS
SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D.H. SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS △ 5241
SPOT ELEVATION IN FEET • 3067

REVISED BY
DEC 12 '77 (WT/DJ)
NOV 22 '77 (WT/DJ)
JUN 16 '77 (WT)

SCALE IN FEET 1000 0 1000 2000

N.T.S. 105K-6&11
DRAWN BY W.D.H.
DATE SEPT. 1977

CYPRUS ANVIL MINING CORPORATION

GEOLOGY

REVISED BY
MAR 19,1978 RWR
NOV 22,1978 CLC
JUN 16,1980 VT

1000 0 1000 2000
SCALE IN FEET

N.T.S. 105K-7
DRAWN BY R.D.H.
DATE SEPT 1977

MAP INDEX

1 ANVIL MINE
2 AEX & VANGORDA
3 SWIM LAKES

Scale 1" = 16 miles

ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
BRIDGES
PRIMARY STREAMS
SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D.H. SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS △ 5241
SPOT ELEVATION IN FEET • + 3067

inches
0 1 2
0 1 2 3 4 5
centimetres

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YUKON GEOLOGICAL SURVEY

OUTCROP BOUNDARY SHOWS FIELD STATION NO'S

CONTACT SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH DOTTED WHERE APPROXIMATE

BASIN OR BASIN MARGIN VERTICAL PROJECTION OF BASIN MARGIN

ISOMETRIC TRIANGULAR BLOCKDIAGRAM SHOWING TRANSITION OF FOLD STYLE INTO FAULT (SCHEMATIC)

FAULT SHOWS DIP DIRECTION AND RELATIVE MOVEMENT OF FAULT BLOCKS (E.G. DOWNTHROWN SIDE WITH RESPECT TO HIGHER BLOCK); (UPTHROWN SIDE, DOWNTHROWN SIDE SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH DOTTED WHERE APPROXIMATE) IMPLIES RELATIVE MOVEMENT DIRECTION WHERE KNOWN

THRUST FAULT SHOWS MOVEMENT DIRECTION OF ALLOCHTHON

BRECCIA

FLOW FOLIATION INCLINED, VERTICAL, HORIZONTAL

FOLD SHOWING AXIAL TRACE AND DIRECTION OF PLUNGE SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH DOTTED WHERE APPROXIMATE

ANTICLINE SYNCLINE

OVERTURNED FOLD SHOWING AXIAL TRACE DIRECTION OF OVERTURNING AND DIP OF LIMBS SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH DOTTED WHERE APPROXIMATE

EVENT	PLANAR ELEMENT	LINEAR ELEMENT (SHOWS TREND, PLUNGE & SYMMETRY (NW))	FOLD GENERATION
DEPOSITION	BEDDING	NONE	NONE
	INCLINED, VERTICAL, HORIZONTAL		
D_1	S_1	L_1	F_1
	INCLINED, VERTICAL, HORIZONTAL		
D_2	S_2	L_2	F_2
	INCLINED, VERTICAL, HORIZONTAL		
D_3	S_3	L_3	F_3
	INCLINED, VERTICAL, HORIZONTAL		
D_4	S_4	L_4	F_4
	INCLINED, VERTICAL, HORIZONTAL		
D_5	S_5	L_5	F_5
	INCLINED, VERTICAL, HORIZONTAL		

62° 30' 00" 133° 15' 00"

300,000' E 22,740,000' N 133° 10' 00" 310,000' E

320,000' E 22,730,000' N 133° 05' 00"

22,720,000' N 133° 50' 00" 62° 25' 00"

290,000' E 22,740,000' N

22,730,000'

133° 20' 00"

280,000' E

22,720,000' N

62° 25' 00"

22,710,000' N

320,000' E 22,710,000' N

22,700,000' N

310,000' E

300,000' E

280,000' E 133° 20' 00" 22,700,000' N 290,000' E 133° 15' 00" 300,000' E

78-NA-03

80-NAR-01

SOS 33

SOS 34

SOS 35

SOS 35 ⊕ HEAVY MINERAL SAMPLE

inches
0 1 2
0 1 2 3 4 5
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

LEGEND

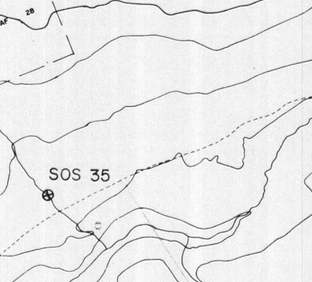
CLAIM POSTS AND LEGAL SURVEYS (Located in the field) — FARO 44

PRELIMINARY CLAIM POST AND LINE SURVEYS (Located in the field) — LORNA

APPROXIMATE PLAN OF CLAIM POST LOCATIONS (Not located in the field) — 205 GAL

Note: Claim posts with the indicated marker ⊕ have been located in the field; plotted unto 1974 photography and transferred to the orthophoto.

MAP INDEX



1 ANVIL MINE
2 AEX & VANGORDA
3 SWIM LAKES

Scale 1" = 16 miles

ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
BRIDGES
PRIMARY STREAMS
SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D.H. SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS △ 5241
SPOT ELEVATION IN FEET • 3067

CYPRUS ANVIL MINING CORPORATION

CLAIM SURVEYS

REVISED BY

1000 0 1000 2000
Scale 1" = 2000'

N.T.S. 105K - 6
DRAWN BY C.L.C.
DATE NOV. 15, 1976

EXISTING MAPPING BY
McELHANNEY SURVEYING & ENGINEERING LTD.

SOS 24 ⊕ HEAVY MINERAL SAMPLE

inches
0 1 2
0 1 2 3 4 5
centimetres

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YUKON GEOLOGICAL SURVEY

LEGEND

CLAIM POSTS AND LEGAL SURVEYS (Located in the field) — FARO 66

PRELIMINARY CLAIM POST AND LINE SURVEYS (Located in the field) — LORNA

APPROXIMATE PLAN OF CLAIM POST LOCATIONS (Not located in the field) — 205 GAL

Note: Claim posts with the indicated marker + have been located in the field; plotted unto 1974 photography and transferred to the orthophoto.

MAP INDEX

1 ANVIL MINE
2 AEX & VANGORDA
3 SWIM LAKES

Scale 1" = 16 miles

ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
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SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D.H. SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS △ 5241
SPOT ELEVATION IN FEET • 3067

CYPRUS ANVIL MINING CORPORATION

CLAIM SURVEYS

REVISED BY
-
-

1000 0 1000 2000
Scale 1" = 2000'

NTS 105K-6&11
DRAWN BY C.I.C.
DATE NOV. 5, 1976

CYPRUS ANVIL MINING CORPORATION

CLAIM SURVEYS

SOS25
⊕ HEAVY MINERAL SAMPLE

inches
0 1 2
0 1 2 3 4 5
centimetres

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

LEGEND

CLAIM POSTS AND LEGAL SURVEYS (Located in the field)

PRELIMINARY CLAIM POST AND LINE SURVEYS (Located in the field)

APPROXIMATE PLAN OF CLAIM POST LOCATIONS (Not located in the field)

Note: Claim posts with the indicated marker ┼ have been located in the field, plotted onto 1974 photography and transferred to the orthophoto.

MAP INDEX

1 ANVIL MINE
2 AEX & VANGORDA
3 SWIM LAKES

Scale 1" = 16 miles

ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
BRIDGES
PRIMARY STREAMS
SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D H SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS △ 5241
SPOT ELEVATION IN FEET • 3067

REVISED BY
S K B JAN. 27, 1976
R W R MAR. 1, 1979

Scale 1" = 1000'

NTS 105K-7
DRAWN BY C L C
DATE JAN 27 1976

TOTAL 63 PROPOSED CLAIMS

PROPOSED SOIL GEOCHEM. LINES

EXISTING MAPPING BY MELHANNEY SURVEYING & ENGINEERING LTD.

VANGORDA FORMATION

MT. MYE FORMATION

BASELINE

BASELINE

78-NA-01

78-NA-02

78-NA-03

80-NAR-01

SOS 23

SOS 24

SOS 25

SOS 26

SOS 27

SOS 28

SOS 29

SOS 30

SOS 31

SOS 32

SOS 33

SOS 34

SOS 35

62° 30' 00"

133° 10' 00"

300,000' E

22,740,000' N

320,000' E

22,730,000' N

133° 05' 00"

330,000' E

133° 00' 00"

22,720,000' N

340,000' E

62° 25' 00"

350,000' E

132° 55' 00"

22,710,000' N

360,000' E

280,000' E

133° 20' 00"

22,700,000' N

290,000' E

133° 15' 00"

300,000' E

62° 20' 00"

310,000' E

133° 10' 00"

22,680,000' N

320,000' E

133° 05' 00"

330,000' E

SOS 35 ⊕ HEAVY MINERAL SAMPLE

SOS 24 ⊕ HEAVY MINERAL SAMPLE

inches 0 1 2

centimetres 0 1 2 3 4 5

This reference scale bar has been added to the original image. It will therefore change in size as the image is reduced so the image therefore it can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

LEGEND

CLAIM POSTS AND LEGAL SURVEYS (Located in the Field)

PRELIMINARY CLAIM POST AND LINE SURVEYS (Located in the Field)

APPROXIMATE PLAN OF CLAIM POST LOCATIONS (Not located in the Field)

Note: Claim posts with the indicated number-§- have been located in the field, plotted using 1979 photography and transferred to the orthophoto.

MAP INDEX

ALL WEATHER ROADS

SECONDARY ROADS

TOTE TRAILS

BRIDGES

PRIMARY STREAMS

SECONDARY STREAMS

TARGETS

CAMP LOCATIONS

DIAMOND D.H. SITES

ROTARY DRILL SITES

TRIANGULATION STATIONS

SPOT ELEVATION IN FEET

1 ANVIL MINE
2 KEY & VANGORDA
3 SWIM LAKES

CYPRUS ANVIL MINING CORPORATION

CLAIM SURVEYS

REVISED BY

N.T.S. 105 K 6

DRAWN BY C.J.C.

DATE NOV. 15, 1979

CYPRUS ANVIL MINING CORPORATION

N.A.R. 1981 EXPLORATION PROGRAM

REVISED BY
v.i.
Feb.1981

N.T.S. 105K 6&11

DRAWN BY C.J.C.

DATE NOV. 15, 1979