AGIP CANADA LTD.

SUPPLEMENTARY ASSESSMENT REPORT FOR FIRE CLAIMS

(FIRE 1, 3, 9-28, YA 42060, 61, 67-81)

MAYO MINING DISTRICT

NTS 1050/11

091058

Sup. to 090857

LATITUDE: 63°36'N

LONGITUDE: 131°17'W

Supp. to 090857

By: T. Garagan
R. Robertson

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $__________.

NA

Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 10,075.00

P. Watson

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

Note: total for original + supplemental report 17,075.00

3.4 Geochemical Sampling (added to end of chapter)

Thirteen soil samples (fine fraction of talus) were collected below cliffs of rusting weathering sedimentary rocks west of and below the area of Trench 1. Samples were collected 15 m apart and the minus 80 mesh fraction was analysed for gold, tungsten, silver, copper, molybdenum and uranium. All values were low.

All data for samples shown in Figure 3 are listed in Appendix B. Samples omitted from Figure 3 on the initial report are listed on the revised Appendix B. Some samples were also misplotted on the original Figure 3. This has been revised. Data for samples collected in Trench 1 are listed in Figure 4.

3.5 Trench 1

Trench 1 was blasted (in Fire 28, Figure 3) in an attempt to locate the source of pyrrhotite-bearing boulders of hornfels seen on the talus slope below. A piece of one of these boulders was analysed in 1980 and found to contain 3,000 ppb gold. The purpose of the trench was to remove loose and weathered material and expose a representative section for sampling and mapping.

Trench 1 is 22.5 m long with an average width of 1.5 m and an average depth of 1 m; the trench volume is thus 33.75 cu.m (43.97 cu. yards).

Several narrow syenite dykes are exposed in the trench. Pods of pyrrhotite-diopside-feldspar-chlorite (minor scheelite) are found adjacent to these dykes. The trench area was chip sampled in detail (Figure 4).

All of the chip samples (in the trench and in the earlier sampling) contained less than 50 ppb gold. Two samples from the trench carried 1500 ppm and 1750 ppm tungsten respectively; both samples were taken over a 1 metre interval. Outside the trench a 5 metre long chip sample contained 1500 ppm tungsten.

The source of the original gold-bearing rock has not definitely been found but the obvious source area has been carefully sampled (and some of the zones which were sampled are very similar to the original material). We conclude that the source was probably a lens of very restricted extent and that additional work is not warranted.

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APPENDIX B - Revised

ANALYTICAL RESULTS AND METHODS

Soil and Talus Samples

	Au	W	Ag	As	Cu
5067	30	6	2.5	150	138
5068	15	4	1.1	110	113
5069	25	10	1.3	395	200
5070	30	8	2.8	150	158
5071	10	<2	1.0	165	119
5072	20	8	0.7	66	158
5073	45	10	2.4	103	209
5074	30	10	2.8	100	204
5075	25	8	0.8	130	118
5076	10	2	0.7	190	440
5077	15	8	0.9	84	270
5078	20	12	0.5	105	188
5079	10	4	0.7	53	119
5080	10	6	0.6	66	120
5081	15	10	0.6	87	173
5082	20	10	0.9	62	159

	Au	W	Ag	Cu	Mo	U
7220	20	<2	0.4	76	8	1.2
7221	15	<2	0.6	76	10	1.6
7222	20	4	0.4	108	9	0.2
7223	20	8	0.3	120	10	2.8
7224	15	<2	0.4	156	14	3.2
7225	10	6	0.4	160	11	2.8
7226	15	<2	0.3	188	12	6.0
7227	5	<2	0.2	116	4	10.2
7228	5	<2	0.2	138	6	6.0
7229	40	4	0.5	116	14	3.0
7230	15	<2	0.6	148	14	8.8
7231	40	<2	0.4	128	14	2.8
7232	10	<2	0.6	120	14	5.0

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Heavy Mineral Concentrate Samples

	Au	W	Ag	As	Cu
5925	20	50	0.2	32	76
5926	20	140	<0.1	58	56
5927	15	16	0.1	50	72
5928	10	40	0.2	95	152
5928	<5	60	0.1	45	105

Chip Samples

	Au	W	Ag	Mo	Cu
6005	10	4	0.8	12	28
6006	<5	6	1.2	35	31
6007	<5	2	0.8	10	74
6008	5	10	1.0	18	48
6009	5	<2	1.0	10	30
6010	5	2	1.0	23	41
6011	25	4	0.4	14	48
6012	<5	10	0.4	24	58
6013	5	8	0.4	9	28
6014	10	6	0.5	8	39
6015	5	2	0.3	12	76
6016	5	<20	0.2	130	26

NOTE: All values in p.p.m., except Au in p.p.b.
< = Less Than

Analytical Methods

Soils and Talus fines are dried and sieved to minus 80 mesh. Rock chip and heavy mineral concentrate samples are pulverized and a split of the minus 200 mesh fraction is analysed.

Copper, Molybdenum and Silver analyses: the sample is dissolved in hot aqua regia and analysed by atomic absorption spectrophotometry. Silver analyses require a correction for background.

Tungsten analyses are by basic oxidizing fusion followed by a colorimetric determination.

Arsenic analyses are by perchloric-nitric acid digestion and colorimetric determination.

Gold analyses are by fire assay techniques, but after preparation of the bead, the bead is dissolved in acid and the gold content determined by atomic absorption spectrophotometry.

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Trench 1

Labour Costs

1.	Contract Blasting Crew (1 Supervisor @$200/day, 2 Blasters @$175/day)	
	Share of labour costs during mobilization, demobilization (25 July, 11 August)	$ 275.00
	Labour costs while blasting (26 - 30 July)	2,750.00
2.	Climbing Supervisor @$200/day to assist in access to site, work layout and sampling (25 July, 4 August)	800.00
	Climber @$175/day to assist in sampling (4 August)	175.00
3.	AGIP Personnel	
	R. Robertson 1/4 day (1 August), layout sampling and mapping	35.00
	T. Garagan 1 1/2 days (6 & 7 August), sampling, mapping	135.00
	D. Charron 2 1/2 days (7 - 9 August), sampling	187.50
	S. Seto 2 1/2 days (7 - 9 August), sampling	170.00
	R. Robertson/T. Garagan - 1/2 day each, report and map preparation	115.00
	TOTAL LABOUR COSTS	$ 4,242.50

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Equipment Rental

Blasting Equipment (Bema Industries) @$50/day, 5 1/2 days (including travel time)	$ 275.00
Camp equipment (Bema Industries) @$20/day, 5 1/2 days (including travel time)	110.00
TOTAL EQUIPMENT COST	$ 385.00

Explosives

Total cost $1,251.86, pro-rated by days on Trench 1 (5/16 of total) is	$ 391.21

Helicopter

Hughes 500D helicopter, on contract from Liftair International, Calgary	
5.7 hours @$379/hr.	$ 2,160.30
Fuel @25 gals./hr. $1.98/gal	282.15
Hughes 500D helicopter, casual charter, Trans North, MacMillan Pass	
1.2 hours @$450/hr., plus fuel est. at 25 gals./hr., $3.00/gal.	630.00
TOTAL HELICOPTER	$ 3,072.45

FIXED WING

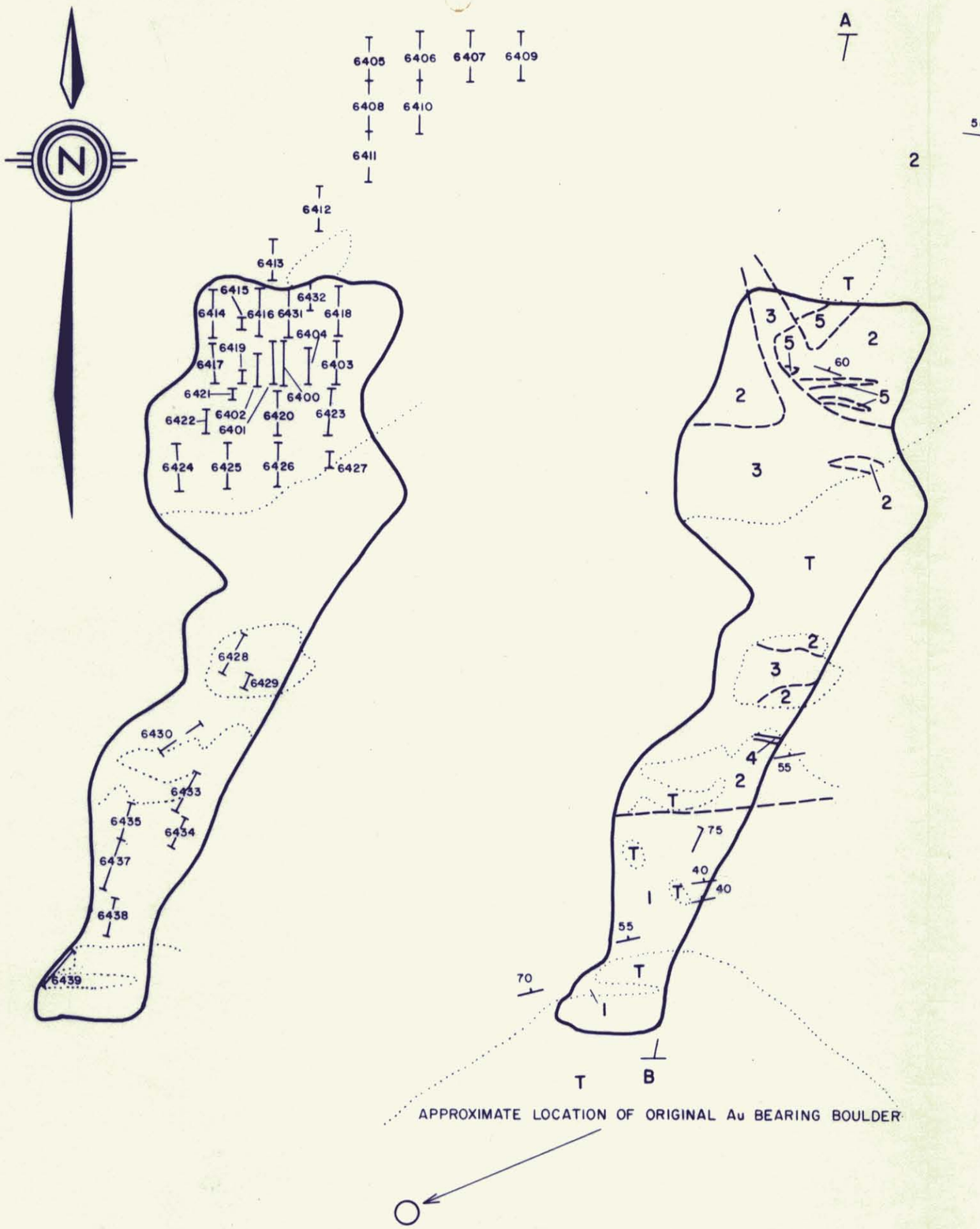
Mobilization of blasters, equipment and explosives from Whitehorse to Emerald Lake on 25 July, by Pilatus Porter (Nahanni Air) and Cessna 185 (Alkan Air) float planes.

Total Cost	$1,857.20
of which 25% allocated to Trench 1	$ 464.30

Demobilization to Whitehorse by Pilatus Porter (Nahanni Air) on August 11.

Total Cost	$1,851.60
of which 25% allocated to Trench 1	$ 462.90
Total Fixed Wing Cost	$ 927.20
Analytical Costs	
39 Chip samples @$14.75 each	$ 575.25
Food Costs	
27 1/4 man days at $20/man day	$ 545.00
TOTAL COSTS FOR TRENCH 1	$10,138.61

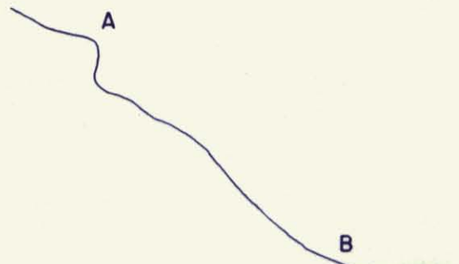
LOOKING INTO CLIFF TOWARDS SOUTHWEST



CHIP SAMPLE RESULTS (all ppm exept Au-ppb)

Sample No.	Au	Ag	W	Cu	Mo
6400	10	0.6	1500	270	40
6401	<5	0.3	14	8	2
6402	<5	0.4	14	72	8
6403	<5	0.2	10	72	6
6404	10	0.8	1750	600	18
6405	<5	0.1	50	24	2
6406	<5	0.4	8	30	3
6407	<5	0.4	<2	36	2
6408	<5	0.3	18	36	3
6409	<5	0.2	2	32	4
6410	<5	0.2	2	26	<1
6411	<5	0.4	12	36	10
6412	<5	0.3	<2	48	3
6413	10	0.2	<2	16	2
6414	<5	0.3	<2	24	3
6415	<5	0.2	<2	8	2
6416	<5	0.4	600	96	74
6417	<5	0.3	4	48	3
6418	5	0,6	250	510	34
6419	<5	0.1	2	8	11
6420	<5	0.2	12	4	7
6421	35	0.2	12	80	11
6422	<5	0.1	10	10	12
6423	<5	<0.1	32	4	4
6424	<5	<0.1	8	3	4
6425	<5	0.1	2	2	5
6426	<5	0.1	12	4	7
6427	<5	0.1	12	23	5
6428	60	0.2	4	80	10
6429	5	0.1	8	4	4
6430	<5	0.2	4	64	5
6431	50	0.5	12	58	12
6432	10	1.0	80	930	28
6433	<5	0.2	<2	75	23
6434	10	<0.1	<2	95	22
6435	5	0.1	<2	70	20
6437	10	0.1	<2	40	16
6438	10	0.4	<2	50	20
6439	10	0.7	<2	65	10

TOPOGRAPHIC CROSS-SECTION A–B



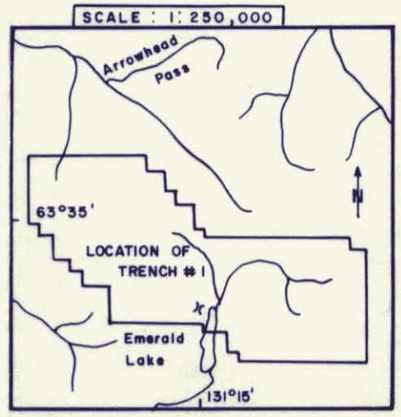
LEGEND

T	Talus cover
5	Chlorite-diopside-albite-pyrrhotite (scheelite-chalcopyrite) pods
4	Quartz-K-feldspar-hornblende-tourmaline vein
3	Medium-grained, slightly porphyritic quartz monzonite to syenite
2	Hornfelsed siltstone with minor shale
1	Hornfelsed shale

SYMBOLS

- Geological contact
- Bedding (inclined)
- Jointing (inclined)
- Limit of outcrop
- Trench margin
- 6419 Chip sample and sample number

SCALE : 1: 250,000



0 1 2 3 4 5

METRES

091058

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GEOLOGY & GEOCHEMISTRY

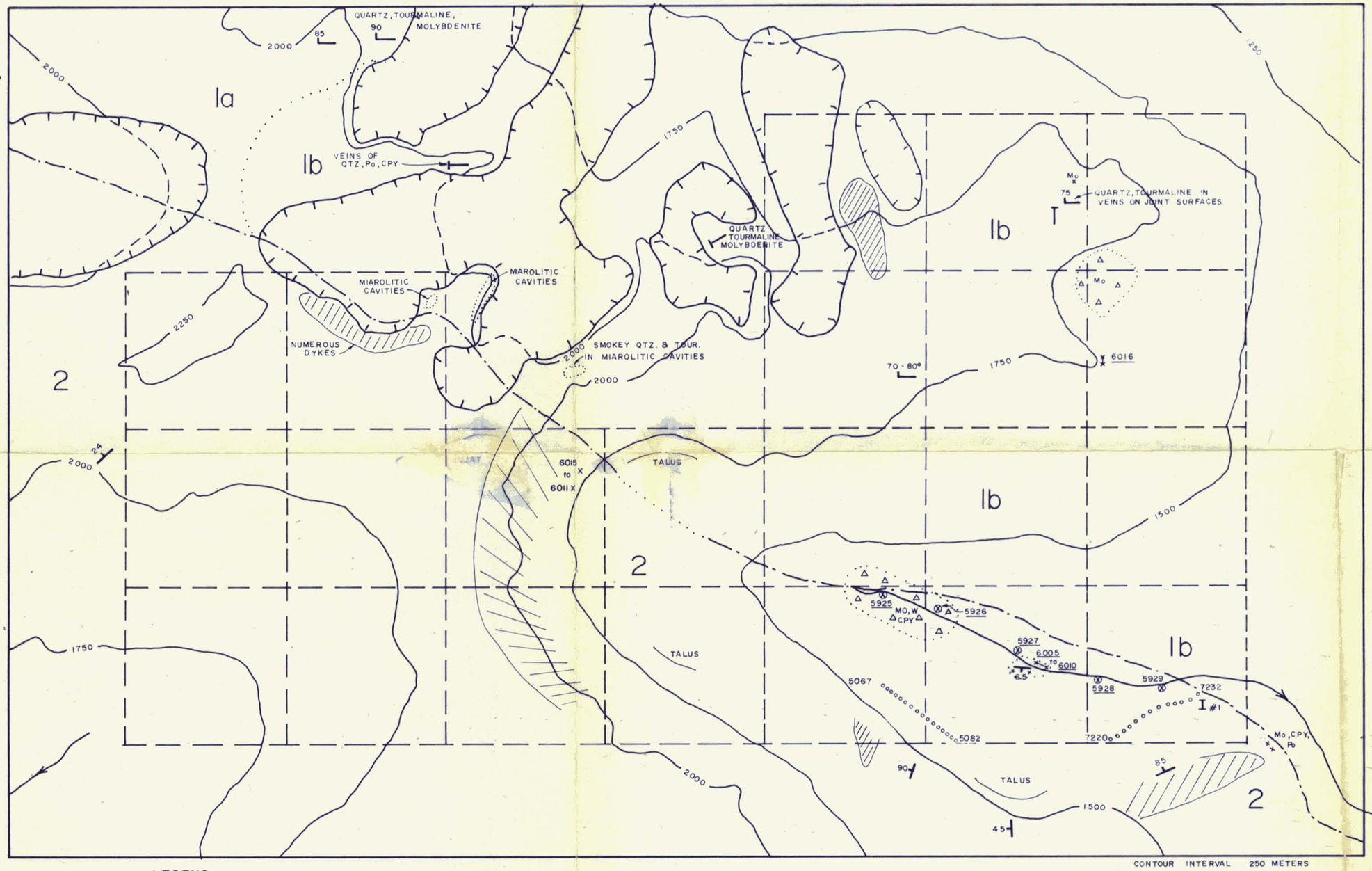
TRENCH # 1

EMERALD LAKE PROPERTY

YUKON

Scale: 1:100	NTS: 105 O 11	Date: DEC. 1981
Author: T.G.	Drawn by: J.B	Figure: 4

No MAP # Doc # 091058 (104)



CONTOUR INTERVAL 250 METERS

N

EMERALD LAKE

LEGEND

CRETACEOUS

1 — EMERALD LAKE INTRUSION,

1a - TRACHYTIC TEXTURED SYENITE.

1b - HORNBLENDE SYENITE, MED.-COARSE GRAINED.

SILURIAN-ORDOVICIAN

2 — BLACK SHALE, SILTSTONE and RED WEATHERING SANDSTONE.

SYMBOLS

- GEOLOGICAL CONTACT (DEFINED APPROXIMATE)
- BEDDING (INCLINED, VERTICAL)
- JOINTING (INCLINED, VERTICAL)
- STREAM SEDIMENT SAMPLE
- HEAVY MINERAL CONCENTRATE
- SOIL SAMPLE (TALUS FINE)
- CHIP SAMPLE
- TRENCH
- RUSTY ZONE
- BOULDER FIELD
- ISOLATED OUTCROP
- MINERAL OCCURRENCE
- STREAM
- GLACIER
- CLAIM BOUNDARY

091058

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FIRE CLAIMS 1, 3 and 9-28

GEOLOGY and SAMPLE LOCATIONS

YUKON

SCALE:	N.T.S.:	DATE:
1:10,000	105-O-11	JULY 28, 1981

AUTHOR:	DRAWN BY:	FIGURE:
R.A. DOHERTY	SINCLAIR DRAFTING SERVICE 205-100 MAIN ST., WHSE. 667-7205	3

No MAP# Doc# 091058
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