Prospecting and Geochemical Soil Sampling of the TY Claims

Finlayson Lake Area
Yukon Territory

NTS 105G/1

Lat: 61° 10'N Long: 130° 10'W

Watson Lake Mining District

Jan. 1996

Andrew G. Harman

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List of Illustrations

Summary

Andrew G. Harman accompanied by Dan Brett and Dean Harman completed a prospecting and soil sampling program on the TY claims from September 7th 1995 to September 12th 1995. Prospecting was done throughout entire TY claim area. A deep overburden area covered by dense, black spruce and balsam fir stands along an east-west trending broad valley located in the south central TY claims has very limited bedrock exposure. A buff coloured area of metavolcanics in the south east zone of the TY claims was geochemical soil sampled along five widely spaced North-South sample lines. The TY prospecting and soil sampling program started Sept. 7th, 1995 and was completed September 12, 1995.

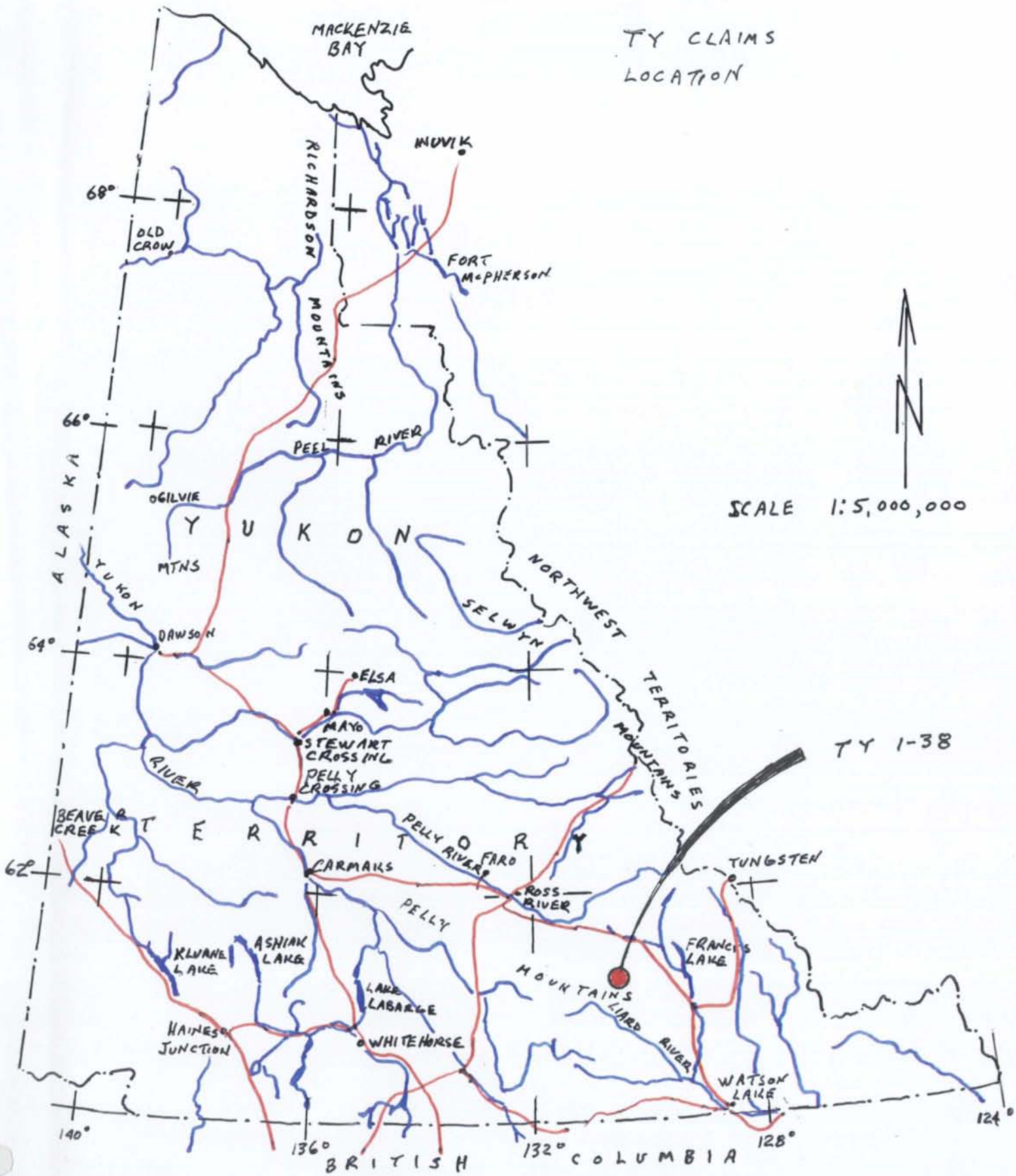
Property, Location and Access

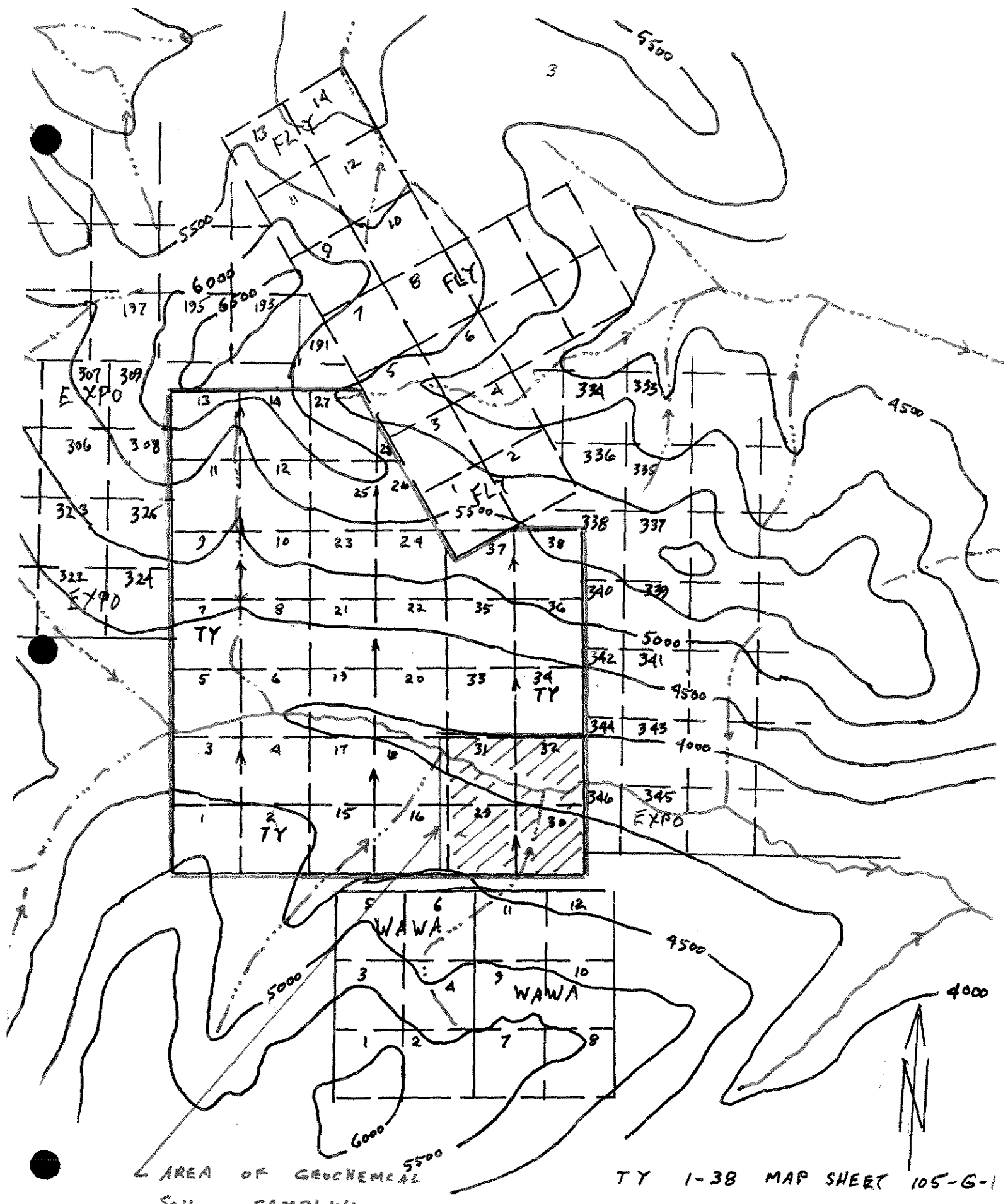
The Ty claims are located 155 km southeast of the village of Ross River in the southeastern Yukon Territory. The approximate center of the claims is latitude 61° 10'N and longitude 130° 10' W within map sheet 105G/1.

NAME	GRANT NUMBERS	LAPSE DATE
TY 1-38	YB 56230 - YB56267	Oct. 3, 1997

The TY claims are located at the south end and are partly surrounded by a large number of claims owned by Cominco Ltd. A small group of WAWA claims is located south of the TY property. The claims were staked by Andrew Harman and registered and recorded in the Watson Lake Mining Division.

Subsequently the claims were optioned to Pacific Bay Minerals, Suite 908 - 700 West Pender St., Vancouver, B.C. V6C 1G8, Nov. 1, 1996.


TY CLAIMS
LOCATION
MACKENZIE BAY
INUVIK
RICHARDSON MOUNTAINS
68°
OLD CROW
FORT McPHERSON
66°
PEEL RIVER
OGILVIE MTNS
ALASKA
YUKON
NORTHWEST TERRITORIES
YUKON
DAWSON
64°
SELWYN
ELSA
MAYO
STEWART CROSSING
PELLY CROSSING
RIVER
MOUNTAINS
TY 1-38
BEAVER CREEK
TERRITORY
PELLY RIVER
62°
CARMACKS
FARO
ROSS RIVER
TUNGSTEN
PELLY
KLUANE LAKE
ASHIHIK LAKE
LAKE LABARGE
FRANCIS LAKE
MOUNTAINS
LIARD RIVER
HAINES JUNCTION
WHITEHORSE
WATSON LAKE
140°
136°
132°
128°
124°
BRITISH COLUMBIA
N
SCALE 1:5,000,000


5500
6000
6500
5500
4500
5000
4000
6000
5500
FLY
FLY
FLY
EXPO
EXPO
EXPO
TY
TY
TY
WAWA
WAWA
AREA OF GEOCHEMICAL SOIL SAMPLING
TY 1-38 MAP SHEET 105-G-1
WATSON LK MINING DISTRICT
SCALE: ½ MILE TO 1 INCH
A. HARMAN JAN. 1996.

The property is accessible by charter helicopter based in Ross River and Watson Lake. The Robert Campbell Highway, which connects Ross River and Watson Lake is located approximately 35 km north of the property. This route and nearby lakes along with float mounted fixed wing aircraft and helicopter support would reduce costs when mobilizing camp and equipment to the property.

PROSPECTING AND GEOCHEMICAL SAMPLING PROGRAM

Prospecting was completed throughout the entire TY claims area. In an overburden covered east-west trending broad valley in the south central area of the property, prospecting was done along an easterly draining creek. An area of buff coloured metavolcanics in the southeast section of the TY claims was prospected and then soil sampled along five widely spaced north-south sample lines.

Soil samples were collected from the top of B Horizon soils and placed in brown paper Kraft envelopes, dried, and then submitted to Acme Analytical Laboratories Ltd. in Vancouver for 30 element ICP analyses with additional ignited aqua regia analyses for parts per billion for gold.

PROSPECTING AND SAMPLING PROGRAM RESULTS

Leached quartz serecite schists located above tree line on TY claims 23 and 24 have weathered to form a small prominent gossan. Due to surface weathering no minerals were found in outcrop in this gossan area.

Float prospecting along an eastern draining creek in a broad overburden covered south central area of the TY claims resulted in discovery of several pieces of quartz serecite schist containing up to 5% pyrite and minor chalcopyrite.

Buff coloured gossanous serecite and chlorite schists exposed in two north flowing drainages in the southeast area of the TY claims contained several narrow pyritic bands with minor chalcopyrite. The most easterly of these two north flowing drainages contains massive sulphide float cobs up to 6 inches in diameter of pyrite with chalcopyrite mineralization.

Geochemical analyses of the five widely spaced soil sample lines on the TY claims returned anomalous values in copper, lead, zinc, silver, arsenic and gold. Some sample locations returned multi element anomalies. All results are included in geochemical plan maps in this report.

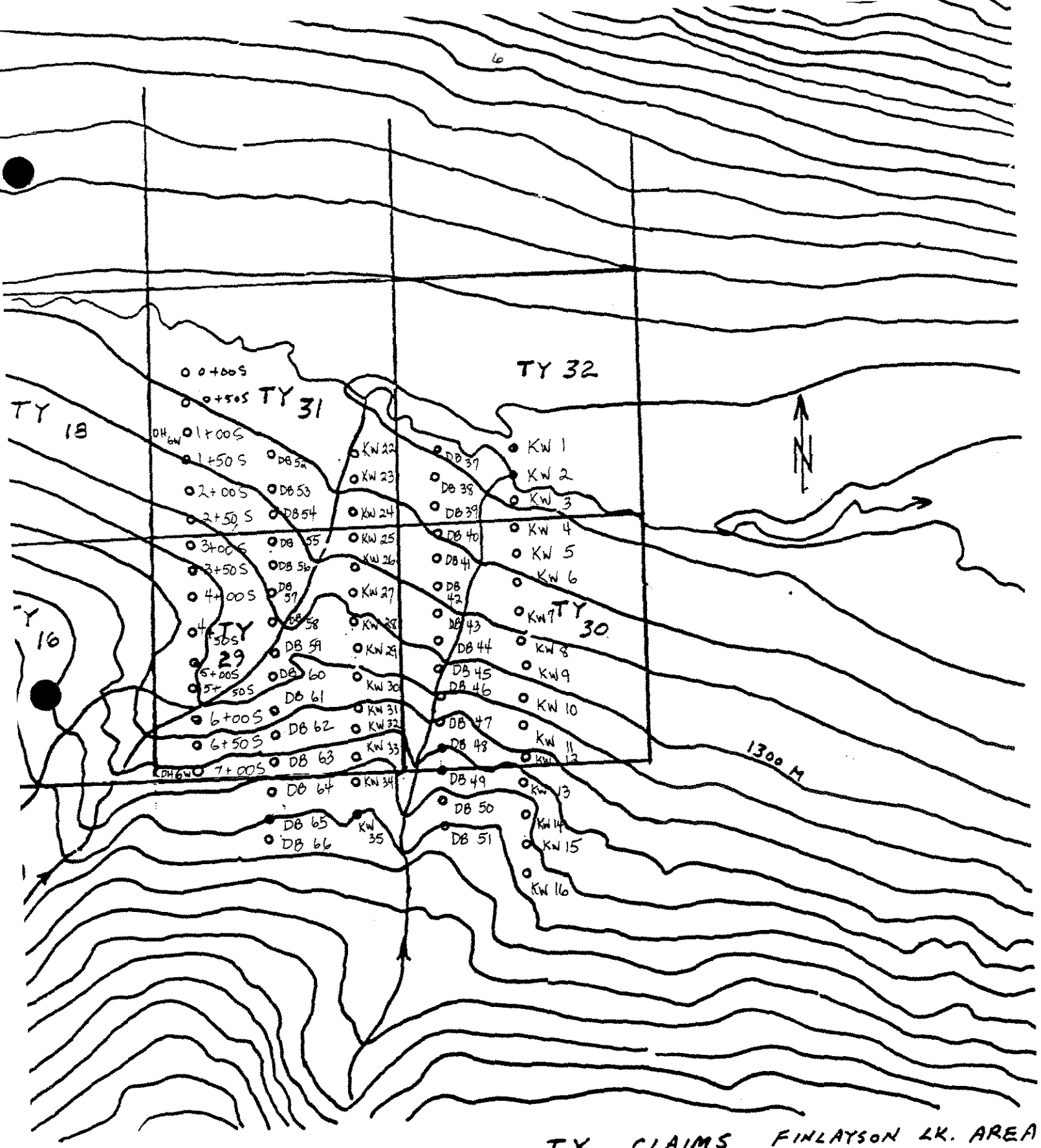
CONCLUSIONS AND RECOMMENDATIONS

In the south and southeast area of the TY claims metavolcanic stratigraphy striking in an east-west direction and dipping northward at a steeper angle than topography returned anomalous multi-element geochemical soil sample results and pyrite-chalcopyrite float mineralization during the September 1995 prospecting and sampling program. This anomalous zone may extend northward under deep overburden cover. A surface leached gossan area on TY claims 23 and 24 is probably due to sub surface mineralization. Favourable metavolcanic stratigraphy and positive results from the september 1995 prospecting and sampling program on the TY claims suggests good exploration potential for volcanogenic massive sulphide mineralization on the property.

A detailed follow-up program of geological mapping sampling and prospecting is strongly recommended for the 1996 field exploration season.

January 1996

Andrew G. Harman

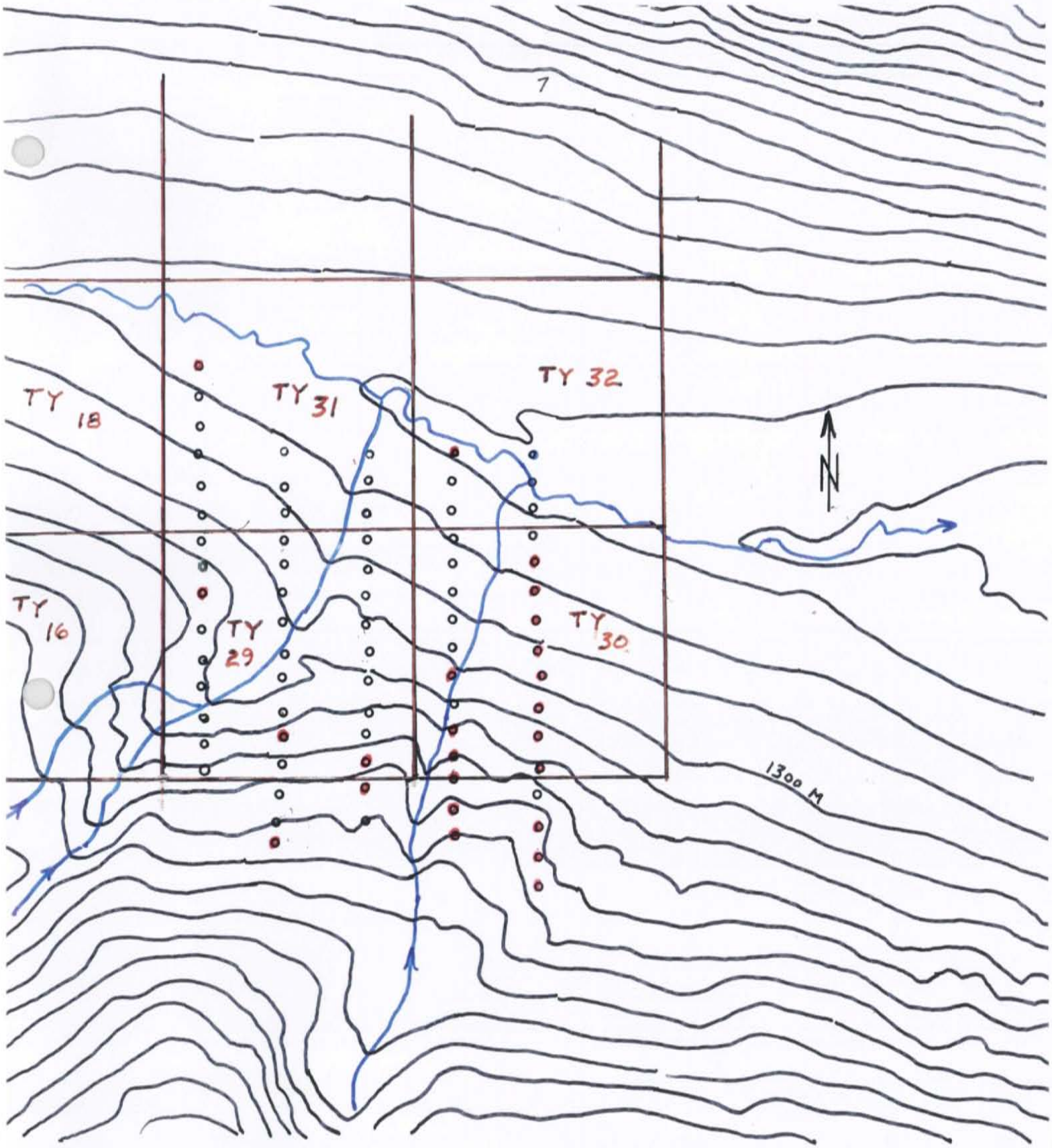


TY CLAIMS FINLAYSON LK. AREA
WATSON LAKE MINING DISTRICT
YUKON MAP SHEET 105 G-1
GEOCHEMICAL PLAN

SCALE 0 100 200 300 400 500 METERS

JAN. 1996 A. HARMAN

● SOIL SAMPLES LOCATION

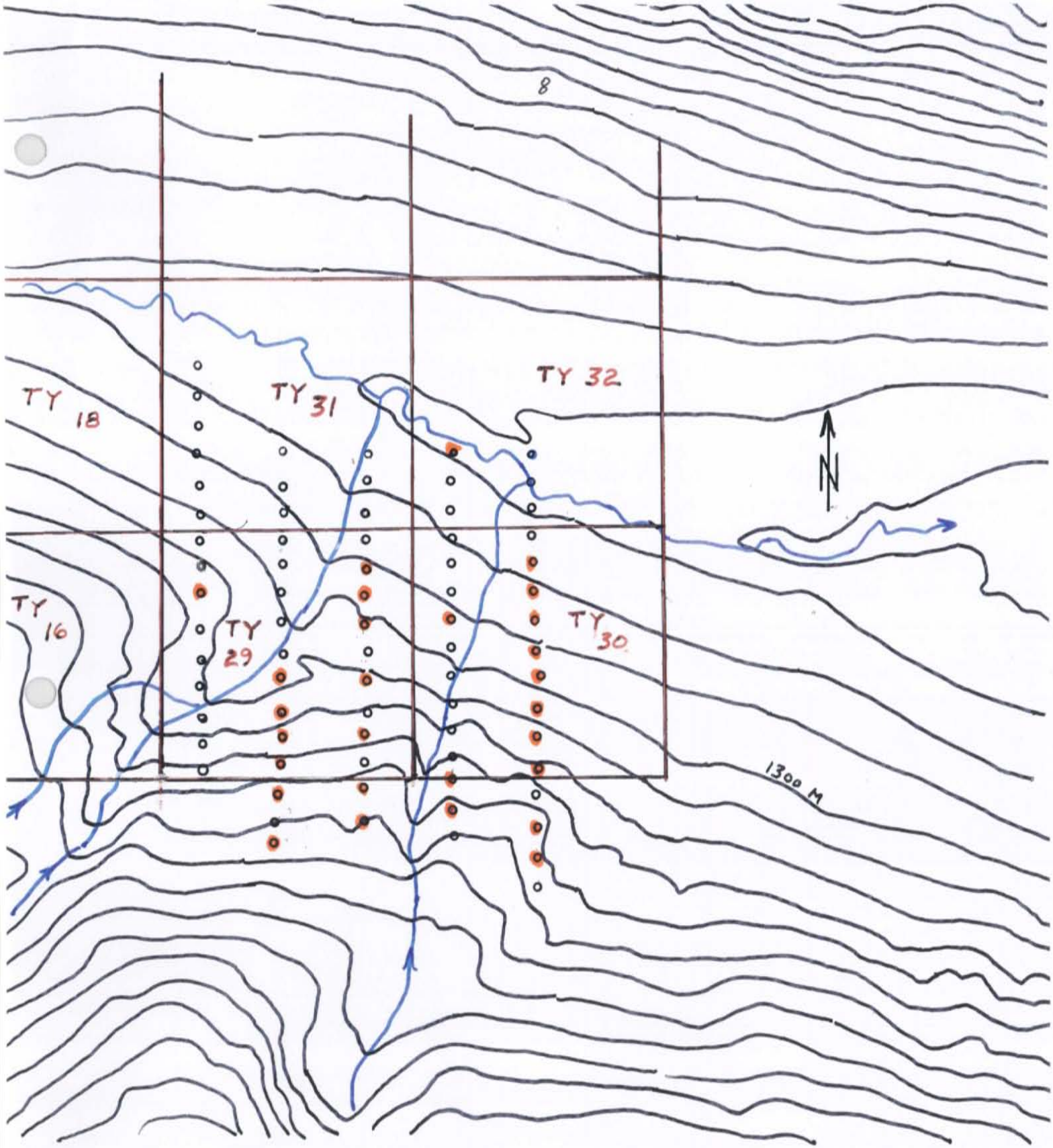


TY CLAIMS FINLAYSON LK. AREA
WATSON LAKE MINING DISTRICT
YUKON MAP SHEET 105 G-1
GEOCHEMICAL PLAN

SCALE 0 100 200 300 400 500 METERS

JAN. 1996 A. HARMAN

● Cu + 100 ppm

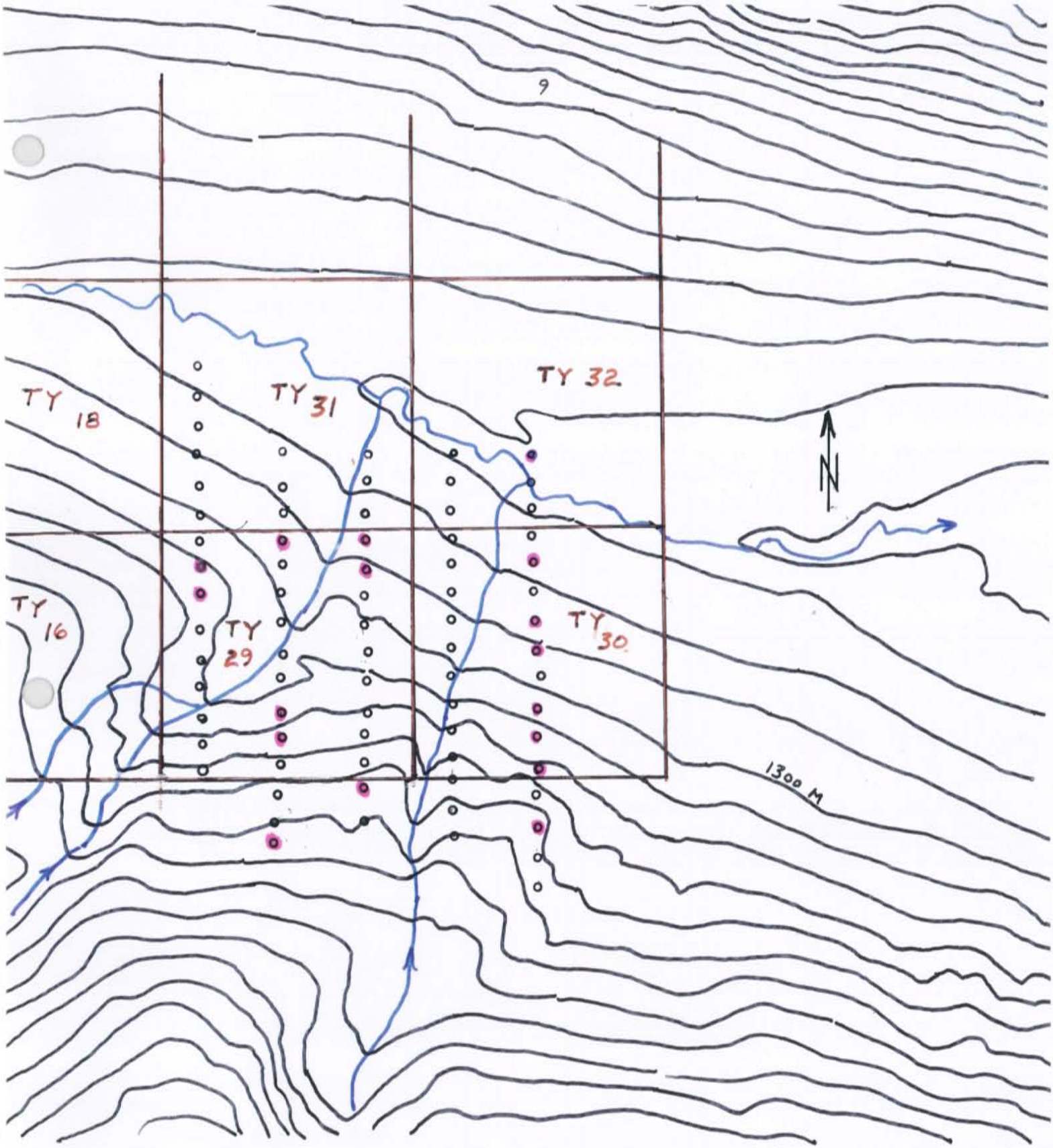


TY CLAIMS FINLAYSON LK. AREA
WATSON LAKE MINING DISTRICT
YUKON MAP SHEET 105 G-1
GEOCHEMICAL PLAN

● Pb + 50 PPM

SCALE 0 100 200 300 400 500 METERS

JAN. 1996 A. HARMAN

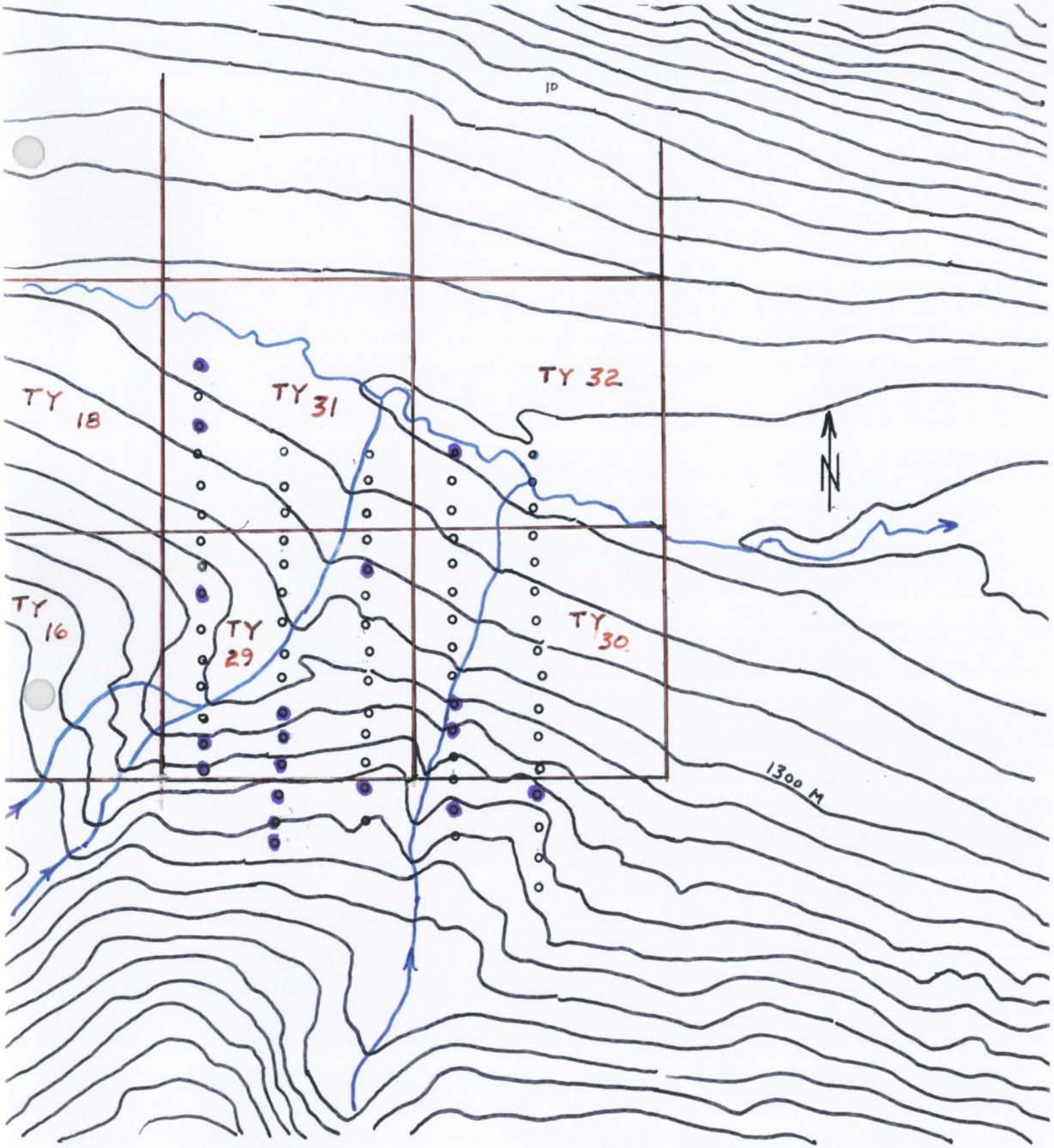


TY CLAIMS FINLAYSON LK. AREA
WATSON LAKE MINING DISTRICT
YUKON MAP SHEET 105 G-1
GEOCHEMICAL PLAN

● Zn + 100 ppm

SCALE 0 100 200 300 400 500 METERS

JAN. 1996 A. HARMAN

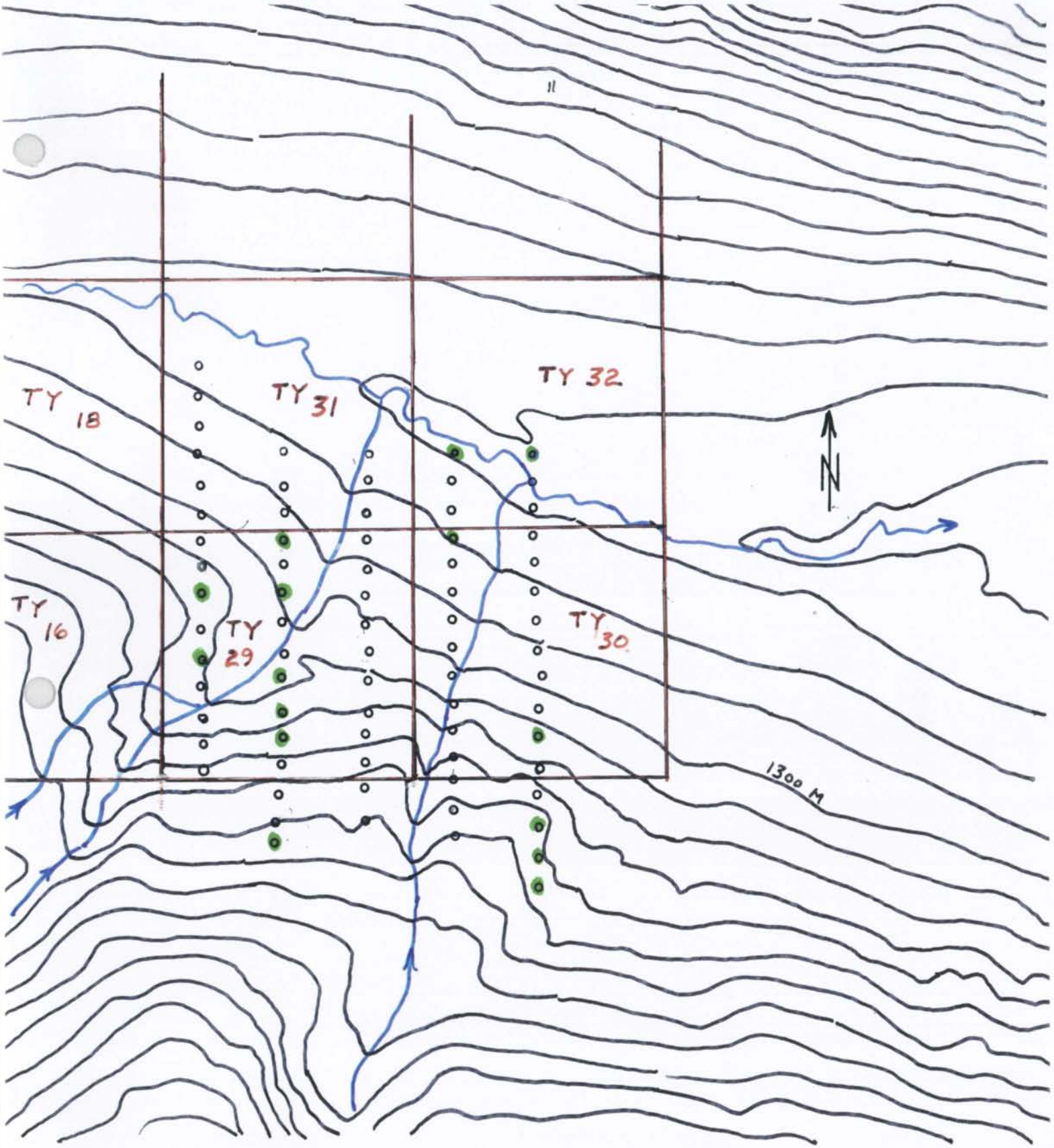


TY CLAIMS FINLAYSON LK. AREA
WATSON LAKE MINING DISTRICT
YUKON MAP SHEET 105 G-1
GEOCHEMICAL PLAN

SCALE 0 100 200 300 400 500 METERS

JAN. 1996 A. HARMAN

● Ag + 0.4 ppm

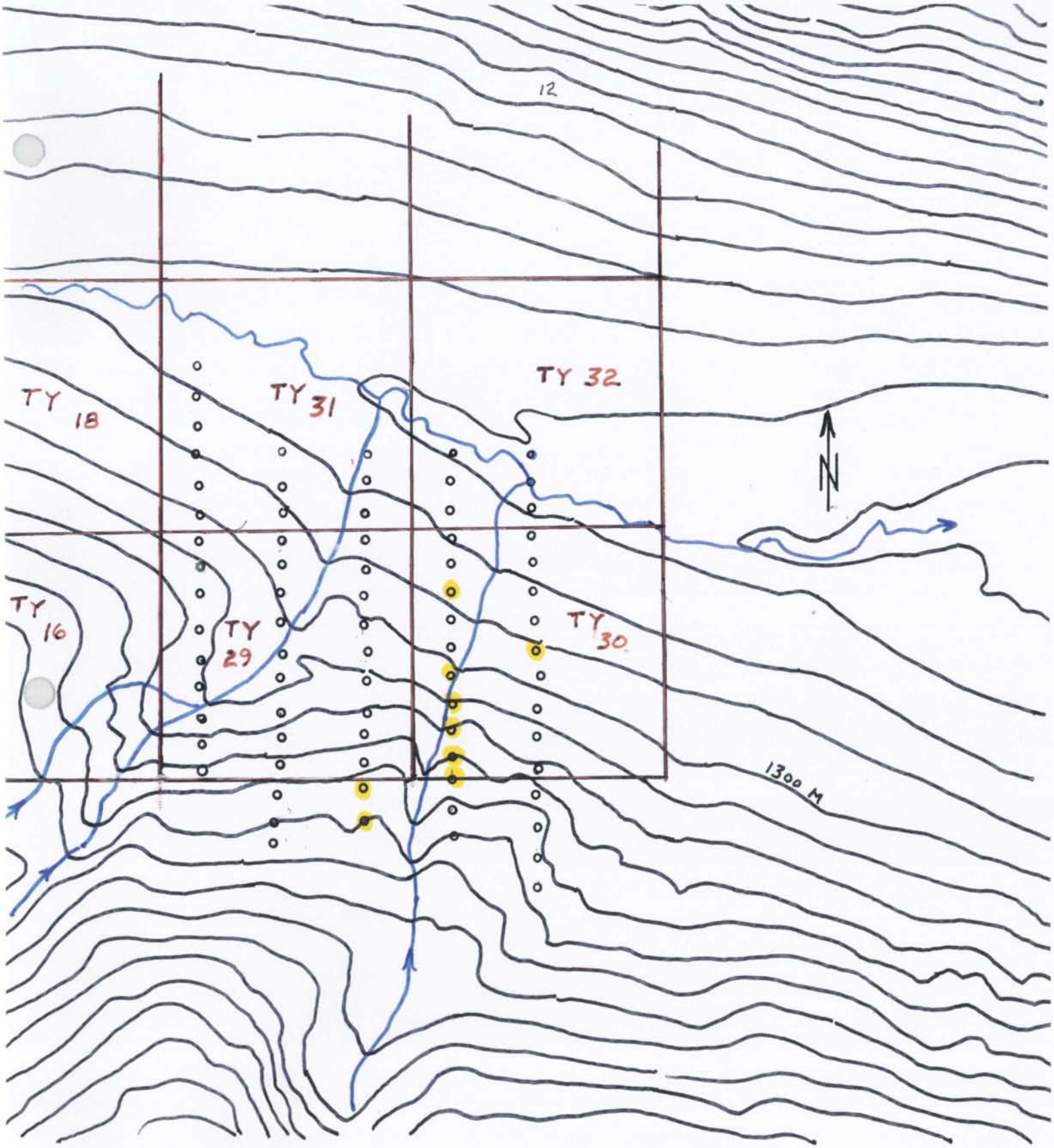


TY CLAIMS FINLAYSON LK. AREA
WATSON LAKE MINING DISTRICT
YUKON MAP SHEET 105 G-1
GEOCHEMICAL PLAN

SCALE 0 100 200 300 400 500 METERS

JAN. 1996 A. HARMAN

● As + 20 ppm



TY CLAIMS FINLAYSON LK. AREA
WATSON LAKE MINING DISTRICT
YUKON MAP SHEET 105 G-1
GEOCHEMICAL PLAN

● Au +30 ppb

SCALE 0 100 200 300 400 500 METERS

JAN. 1996 A. HARMAN

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Demand Gold Ltd. File # 95-3346

510 - 700 W. Pender St., Vancouver BC V6C 1G8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
DB-01	1	8	5	47	<.3	17	10	272	2.74	3	<5	<2	4	8	<.2	5	<2	53	.23	.044	8	50	1.11	68	.22	<3	1.49	.02	.41	<2
DB-02	1	11	4	48	<.3	19	12	312	3.04	3	<5	<2	6	13	<.2	5	<2	51	.42	.108	14	56	1.29	116	.17	<3	1.69	.01	.63	<2
DB-03	1	12	5	40	<.3	15	10	287	2.58	3	<5	<2	6	17	<.2	4	<2	45	.48	.090	20	49	1.16	130	.15	<3	1.50	.01	.57	<2
DB-04	2	23	5	44	<.3	20	14	516	2.81	4	<5	<2	3	21	<.2	4	<2	48	.53	.065	28	50	1.13	187	.12	<3	1.65	.02	.56	<2
DB-05	1	11	5	46	<.3	20	12	287	2.93	3	<5	<2	5	16	<.2	4	<2	55	.51	.106	14	59	1.41	136	.19	<3	1.73	.01	.71	<2
DB-06	1	10	6	44	<.3	15	9	256	2.62	4	<5	<2	5	16	<.2	5	<2	45	.40	.064	11	41	1.11	103	.17	<3	1.47	.01	.67	<2
DB-07	1	13	6	45	<.3	16	10	245	2.62	3	<5	<2	5	17	<.2	4	2	47	.42	.079	12	48	1.11	119	.16	<3	1.47	.01	.66	<2
DB-08	1	21	3	54	<.3	24	14	317	3.23	6	<5	<2	5	19	<.2	4	<2	56	.66	.080	14	65	1.40	166	.18	<3	1.96	.01	.70	<2
DB-09	1	21	4	57	<.3	20	14	428	3.27	2	<5	<2	5	20	<.2	4	<2	56	.62	.089	21	58	1.37	196	.18	<3	2.06	.02	.81	<2
DB-10	1	21	5	60	<.3	23	14	376	3.44	4	<5	<2	5	18	<.2	5	<2	60	.60	.079	12	61	1.48	190	.19	<3	2.09	.01	.85	<2
DB-11	<1	17	<3	60	<.3	25	17	398	3.52	4	<5	<2	4	15	<.2	4	<2	64	.56	.089	10	82	1.61	157	.21	<3	2.12	.01	.76	<2
DB-12	1	15	7	48	<.3	20	11	277	3.12	7	<5	<2	5	15	<.2	4	<2	55	.36	.075	18	48	1.21	126	.17	<3	1.67	.01	.64	<2
DB-13	1	14	5	45	<.3	23	12	327	3.02	5	<5	<2	5	20	<.2	4	<2	52	.57	.082	16	61	1.42	140	.17	<3	1.79	.01	.65	<2
DB-14	<1	18	<3	48	<.3	31	16	328	3.33	3	<5	<2	5	15	<.2	4	<2	55	.45	.078	11	73	1.63	145	.20	3	2.07	.01	.77	<2
DB-15	<1	12	<3	77	<.3	52	20	482	5.24	<2	<5	<2	5	20	<.2	3	<2	94	.63	.092	13	123	2.87	297	.32	<3	3.46	.01	1.53	<2
DB-16	1	14	8	88	<.3	22	20	634	5.61	10	<5	<2	6	18	<.2	6	<2	88	.64	.153	20	48	1.96	138	.29	<3	2.99	.01	1.59	<2
DB-17	1	11	11	59	<.3	14	9	358	3.21	7	<5	<2	5	10	<.2	4	<2	56	.21	.071	8	36	1.16	64	.15	<3	1.66	.01	.81	<2
DB-18	1	21	13	39	<.3	20	10	320	2.77	6	<5	<2	13	9	<.2	4	<2	32	.31	.086	19	56	.96	52	.07	<3	1.41	<.01	.79	<2
DB-19	1	10	9	54	<.3	16	12	447	4.02	5	<5	<2	11	15	<.2	4	<2	62	.41	.096	38	37	1.34	113	.21	<3	2.10	.01	1.18	<2
DB-20	<1	8	8	20	<.3	5	6	280	2.00	3	<5	<2	12	19	<.2	2	<2	34	.30	.080	24	12	.39	79	.03	<3	.79	<.01	.35	<2
DB-21	1	12	16	60	<.3	18	15	586	4.39	4	<5	<2	16	16	<.2	3	<2	57	.52	.122	46	35	1.49	105	.20	<3	2.24	.01	1.33	<2
DB-22	2	32	17	247	<.3	33	14	1734	3.23	11	<5	<2	5	22	3.0	3	<2	44	.56	.131	24	29	.93	168	.04	<3	1.25	<.01	.14	<2
DB-23	2	33	13	292	<.3	35	15	1929	3.59	14	<5	<2	5	25	3.5	3	<2	49	.62	.143	27	34	1.03	187	.05	<3	1.39	.01	.16	<2
DB-24	2	37	18	381	<.3	37	16	2013	4.14	17	<5	<2	5	31	4.0	3	<2	57	.74	.128	33	40	1.15	244	.09	<3	1.62	.01	.32	<2
DB-25	2	29	11	277	<.3	38	15	2355	3.29	12	<5	<2	5	19	4.3	3	<2	47	.47	.124	24	30	.96	189	.03	<3	1.29	<.01	.09	<2
DB-26	2	41	17	406	<.3	40	16	2357	4.52	18	<5	<2	5	35	4.7	4	<2	61	.82	.130	36	43	1.21	288	.11	<3	1.74	.01	.39	<2
DB-27	3	42	18	315	<.3	35	15	1807	4.00	19	<5	<2	5	29	2.2	4	<2	56	.75	.167	29	39	1.12	210	.08	3	1.59	.01	.26	<2
DB-28	2	45	17	406	<.3	42	16	1518	4.42	20	<5	<2	6	32	4.1	4	<2	61	.77	.136	33	44	1.22	225	.09	3	1.75	<.01	.32	<2
RE DB-28	2	49	19	410	.3	42	16	1569	4.40	20	<5	<2	5	32	4.4	3	<2	61	.76	.130	33	44	1.21	231	.09	<3	1.74	.01	.32	<2
DB-29	8	54	7	539	.5	76	33	31569	3.84	21	<5	<2	2	58	9.6	4	<2	51	1.00	.131	37	35	.96	1096	.07	3	1.47	<.01	.24	<2
DB-30	2	38	13	361	<.3	49	17	5794	4.03	17	<5	<2	3	26	4.1	2	<2	59	.66	.146	30	41	1.18	317	.08	<3	1.67	<.01	.25	<2
DB-31	2	55	20	479	<.3	47	17	1336	4.40	23	<5	<2	5	32	4.9	4	<2	63	.79	.123	39	44	1.25	213	.08	<3	1.75	.01	.26	<2
DB-32	2	58	24	513	.3	44	14	376	3.53	23	<5	<2	3	29	3.7	2	<2	68	1.01	.178	34	43	1.16	170	.08	<3	1.54	.01	.24	<2
DB-33	3	43	12	107	<.3	31	13	503	3.77	10	<5	<2	7	20	.3	3	<2	65	.46	.099	32	60	1.31	299	.13	<3	1.64	.01	.47	<2
STANDARD C	19	59	36	127	6.2	67	31	985	3.91	41	16	7	36	50	17.8	20	18	60	.49	.092	41	60	.89	177	.08	29	1.83	.06	.14	9

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 6 1995 **DATE REPORT MAILED:** Sept 14/95 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Demand Gold Ltd. File # 95-3543 Page 1

510 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: David Brett

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
DB-34	8	101	18	360	1.4	75	15	418	3.59	85	7	<2	4	47	3.5	15	<2	40	.37	.114	25	27	.53	729	.06	<3	.85	.01	.16	<2
DB-36	4	153	35	184	1.3	415	73	3093	8.13	525	<5	<2	9	61	1.1	127	6	74	.54	.189	30	221	1.59	836	.10	<3	1.88	.01	.36	<2
DB-37	7	124	58	152	.4	23	18	978	3.90	23	<5	<2	<2	27	1.3	3	2	25	.16	.083	53	22	.61	350	.03	<3	1.23	.01	.13	<2
DB-38	2	30	20	49	<.3	11	6	281	2.51	13	<5	<2	4	20	<.2	<2	<2	24	.10	.046	18	16	.39	111	.06	<3	.99	.01	.10	<2
DB-39	3	57	29	66	<.3	17	12	517	3.03	16	<5	<2	12	20	.4	2	2	23	.08	.058	25	19	.49	106	.06	<3	1.01	.01	.12	<2
DB-40	5	72	43	96	<.3	25	16	940	4.57	22	<5	<2	4	29	.6	2	<2	24	.08	.065	28	20	.40	87	.04	<3	.93	<.01	.11	<2
DB-41	4	23	31	60	<.3	11	7	391	2.17	12	<5	<2	2	24	.2	2	<2	20	.18	.063	28	16	.42	137	.02	<3	1.03	.01	.14	<2
DB-42	5	74	52	73	<.3	16	13	500	2.62	15	<5	<2	7	29	.4	<2	<2	18	.22	.061	30	14	.41	122	.03	<3	.95	.01	.22	<2
DB-43	6	81	44	60	<.3	12	9	388	2.45	14	<5	<2	4	32	.3	2	<2	18	.23	.065	27	13	.37	111	.03	<3	.87	.01	.19	<2
DB-44	5	66	43	81	<.3	22	15	539	3.48	17	<5	<2	18	46	.6	2	5	20	.19	.085	45	17	.52	170	.04	<3	1.00	.01	.22	<2
DB-45	14	153	37	113	<.3	10	12	545	11.70	16	<5	<2	21	56	.6	<2	9	25	.01	.130	17	8	.26	128	<.01	<3	.78	.01	.20	<2
DB-46	14	88	44	51	.5	5	2	129	4.78	16	<5	<2	3	51	<.2	4	4	24	.03	.058	27	9	.25	76	.04	<3	.69	<.01	.08	<2
DB-47	10	202	46	61	.5	8	3	215	5.14	15	<5	<2	6	27	.6	2	3	28	.04	.054	14	20	.50	77	.08	<3	.87	.01	.10	<2
DB-48	11	386	34	135	.3	29	29	1048	6.03	9	<5	<2	13	35	.8	<2	5	40	.05	.054	42	41	.28	116	<.01	<3	.84	<.01	.08	<2
DB-49	39	262	78	91	.4	10	2	249	8.18	13	<5	<2	11	27	<.2	<2	5	36	.03	.091	8	39	.60	114	.19	<3	1.29	.01	.11	<2
DB-50	96	335	67	142	2.1	8	3	242	5.03	17	<5	<2	10	13	<.2	<2	4	26	.10	.099	29	9	.78	115	<.01	<3	1.36	.01	.16	<2
DB-51	72	104	12	30	.3	4	2	74	1.31	4	<5	<2	11	27	<.2	<2	5	10	<.01	.032	22	4	.20	88	<.01	<3	.72	.01	.06	<2
RE DB-51	74	106	11	33	.5	3	2	78	1.35	4	<5	<2	11	28	.4	<2	5	10	<.01	.033	22	4	.21	90	<.01	<3	.75	.01	.06	<2
DB-52	8	69	35	76	<.3	24	16	978	4.47	12	<5	<2	5	18	<.2	<2	<2	35	.11	.083	28	27	.73	109	.04	<3	1.19	<.01	.13	<2
DB-53	4	73	26	82	.3	28	21	1133	4.81	11	<5	<2	15	19	.6	<2	5	30	.12	.090	41	30	1.00	106	.06	<3	1.30	<.01	.14	<2
DB-54	3	46	26	72	<.3	20	14	694	3.59	15	<5	<2	13	35	.4	<2	4	27	.25	.084	36	22	.83	182	.06	<3	1.11	<.01	.17	<2
DB-55	2	84	29	117	.3	26	15	1209	4.34	36	<5	<2	8	43	<.2	2	3	29	.38	.118	33	26	1.11	369	.05	<3	1.71	.01	.20	<2
DB-56	3	96	34	96	<.3	24	21	1742	4.46	12	<5	<2	11	14	.6	<2	5	19	.03	.054	30	20	.55	99	.02	<3	1.03	<.01	.15	<2
DB-57	4	61	41	96	<.3	18	17	942	4.19	29	<5	<2	10	21	.5	2	2	24	.13	.073	23	17	.70	95	.03	<3	1.58	<.01	.18	<2
DB-58	8	26	18	56	<.3	13	2	271	3.28	7	<5	<2	9	12	.2	<2	4	12	.01	.024	27	11	.70	149	.01	<3	.99	<.01	.18	<2
DB-59	5	25	33	55	<.3	13	3	255	3.48	7	<5	<2	3	30	.4	2	2	39	.06	.047	17	25	.90	313	.02	<3	1.18	.01	.19	<2
DB-60	4	58	66	89	.3	19	15	656	3.43	20	<5	<2	10	28	.6	<2	5	19	.22	.079	49	12	.41	160	.02	<3	.96	<.01	.21	<2
DB-61	5	78	68	123	<.3	19	21	1034	3.55	20	<5	<2	10	40	.9	<2	4	20	.30	.079	48	16	.56	240	.03	<3	1.16	.01	.18	<2
DB-62	10	185	89	149	.5	14	14	672	4.23	20	<5	<2	8	29	.2	2	4	22	.17	.060	63	19	.89	68	.05	<3	1.32	.01	.20	<2
DB-63	8	29	164	84	.5	10	<1	293	6.03	11	<5	<2	10	21	.5	3	7	31	.03	.049	7	24	.82	110	.24	<3	1.21	.01	.15	<2
DB-64	14	47	107	75	.4	8	<1	306	5.00	15	<5	<2	7	15	.5	2	5	30	.02	.049	13	19	.98	109	.14	<3	1.19	.01	.13	<2
DB-65	15	52	43	41	.8	3	1	104	1.88	7	<5	<2	<2	18	.4	2	3	21	.12	.032	27	9	.27	118	.02	<3	.70	.01	.04	<2
DB-66	13	207	102	156	.8	22	17	886	6.99	33	<5	<2	21	34	.3	<2	5	23	.22	.086	47	26	.84	111	<.01	<3	1.12	<.01	.09	<2
DH 6W 0S	2	143	22	32	2.5	17	3	242	1.34	13	24	<2	<2	60	.6	<2	<2	10	.74	.103	226	7	.17	307	.02	<3	1.67	.03	.03	<2
DH 6W 0+50S	2	21	8	24	<.3	5	2	244	.95	4	<5	<2	<2	13	.3	2	<2	24	.08	.026	16	11	.07	140	.05	<3	.42	.01	.07	<2
STANDARD C	20	59	40	129	6.4	70	33	971	3.92	42	19	7	36	50	18.9	16	19	61	.48	.094	38	59	.89	178	.08	32	1.76	.06	.14	10

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 15 1995 DATE REPORT MAILED: Sept 21/95 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
DH 6W 1+00S	1	26	8	12	.4	4	2	60	.57	2	<5	<2	<2	15	.4	<2	<2	11	.09	.068	10	7	.09	124	.01	<3	.43	.02	.06	2
DH 6W 1+50S	4	43	36	76	<.3	18	11	958	3.64	12	<5	<2	6	35	<.2	<2	3	28	.22	.065	26	31	.88	227	.04	<3	1.39	.01	.19	<2
DH 6W 2+50S	3	37	28	70	<.3	16	7	352	3.23	11	<5	<2	11	35	<.2	<2	2	25	.28	.078	26	25	.85	254	.05	<3	1.29	.01	.17	2
DH 6W 3+00S	4	47	26	65	<.3	16	9	592	3.38	12	<5	<2	4	25	.5	<2	<2	25	.18	.083	24	23	.63	154	.04	<3	1.12	<.01	.16	<2
DH 6W 3+50S	3	46	33	108	<.3	42	14	852	4.43	18	<5	<2	7	28	.3	<2	2	56	.27	.070	21	65	1.50	245	.15	<3	1.93	.01	.22	<2
DH 6W 4+00S	27	270	555	842	2.0	63	22	1171	6.05	45	<5	<2	6	74	1.5	<2	11	99	.74	.343	34	44	.88	111	.03	<3	1.36	.01	.20	<2
DH 6W 4+50S	3	46	23	98	<.3	11	11	1068	3.88	8	<5	<2	11	22	.6	<2	4	31	.18	.067	26	16	1.09	162	.11	<3	1.53	.01	.39	<2
DH 6W 5+00S	3	22	20	43	<.3	6	4	189	2.09	26	<5	<2	<2	14	.3	<2	<2	27	.04	.033	19	7	.15	65	.02	<3	.94	.01	.11	2
DH 6W 5+50S	4	20	36	47	<.3	9	4	172	2.67	13	<5	<2	4	19	.2	<2	<2	21	.06	.035	19	11	.28	104	.04	<3	1.14	<.01	.19	<2
DH 6W 6+00S	3	17	35	44	<.3	7	4	192	2.44	11	<5	<2	8	19	.3	<2	2	18	.06	.045	20	11	.27	93	.04	<3	1.21	.01	.16	<2
DH 6W 6+50S	4	31	33	48	.4	10	5	186	2.06	16	<5	<2	<2	19	<.2	2	3	21	.05	.042	29	9	.21	57	.02	<3	.89	.01	.15	2
DH 6W 7+00S	2	18	20	19	.6	2	1	61	1.26	5	<5	<2	2	13	.3	<2	<2	22	.04	.031	12	5	.10	89	.02	<3	.52	.02	.07	<2
DH-01	4	57	24	215	<.3	32	14	598	4.76	17	<5	<2	7	21	.6	<2	3	65	.23	.068	34	76	1.49	224	.18	<3	2.04	.01	.72	<2
DH-01+32	6	110	23	274	<.3	45	19	955	4.98	20	<5	<2	18	32	1.3	<2	6	46	.48	.064	51	60	1.31	215	.12	<3	1.71	.01	.50	<2
DH-02	4	47	23	133	<.3	33	14	487	4.52	13	<5	<2	8	26	.8	<2	<2	66	.36	.075	29	73	1.61	233	.15	<3	2.08	.01	.57	<2
DH-03	4	57	15	97	<.3	13	13	1703	2.40	5	<5	<2	<2	22	1.6	<2	<2	32	.31	.062	47	23	.62	214	.07	<3	.96	.02	.34	<2
DH-04	3	35	13	83	<.3	19	10	689	3.07	11	<5	<2	<2	21	.2	<2	<2	48	.31	.069	21	54	.96	230	.10	<3	1.46	.02	.31	<2
DH-05	4	50	23	134	<.3	25	11	487	4.63	11	<5	<2	7	25	1.6	<2	4	73	.32	.077	24	63	1.55	267	.20	<3	2.06	.01	1.02	<2
DH-06	4	53	19	113	<.3	25	13	488	4.43	10	<5	<2	17	27	.3	<2	2	58	.54	.132	52	48	1.27	273	.15	<3	1.70	.01	.57	<2
DH-07	2	4	48	21	<.3	2	1	278	.63	2	<5	<2	20	43	.4	<2	2	3	1.15	.102	48	4	.06	34	.01	3	.19	.01	.13	2
DH-08	2	39	8	78	<.3	32	14	461	3.73	9	<5	<2	4	23	.2	<2	<2	71	.38	.091	14	63	1.32	424	.16	<3	1.87	.02	.48	<2
RE DH-08	2	37	12	77	<.3	32	14	449	3.69	6	<5	<2	5	22	<.2	<2	<2	69	.37	.092	13	62	1.31	412	.16	<3	1.83	.02	.47	<2
DH-09	3	47	5	88	<.3	41	14	544	4.35	10	<5	<2	5	21	.3	<2	<2	82	.29	.070	15	67	1.49	453	.19	<3	2.27	.02	.54	<2
DH-10	2	64	14	64	.3	32	11	440	2.48	4	<5	<2	<2	36	<.2	<2	<2	37	.73	.113	117	47	.72	474	.06	<3	1.48	.03	.12	<2
DH-11	3	40	10	95	<.3	44	20	793	4.15	6	<5	<2	5	27	.4	<2	<2	76	.59	.158	14	75	1.48	551	.16	<3	2.04	.01	.55	2
DH-12	2	55	8	110	<.3	58	15	444	4.27	4	<5	<2	3	32	1.6	<2	<2	89	.79	.136	15	98	1.73	705	.16	<3	2.33	.01	.48	<2
DH-13	2	54	13	61	.8	23	8	306	2.36	3	<5	<2	<2	48	<.2	<2	<2	42	.98	.104	111	40	.71	374	.06	<3	1.55	.03	.17	<2
DH-14	2	33	10	94	.3	41	13	348	4.00	5	<5	<2	3	21	.4	<2	<2	92	.40	.100	21	91	1.55	419	.16	<3	2.24	.01	.37	2
DH-15	2	36	8	109	.3	38	15	379	4.80	3	<5	<2	5	36	.6	<2	<2	72	.74	.150	41	63	1.60	387	.15	<3	2.43	.01	.68	<2
DH-16	<1	4	4	14	<.3	4	1	34	.53	<2	<5	<2	<2	8	<.2	<2	<2	11	.08	.019	3	8	.12	46	.02	<3	.26	.04	.05	2
DH-17	1	7	7	21	<.3	5	2	59	.74	<2	<5	<2	<2	9	.4	<2	<2	15	.10	.021	6	11	.23	70	.03	<3	.42	.03	.11	2
DH-18	1	14	11	59	<.3	17	8	235	2.97	5	<5	<2	2	13	.4	<2	<2	53	.21	.046	8	38	.99	152	.18	<3	1.49	.02	.71	3
DH-19	2	14	38	32	.3	6	8	360	1.89	3	<5	<2	<2	13	.2	<2	3	34	.19	.037	23	21	.35	80	.06	<3	.90	.03	.23	2
DH-20	1	38	10	114	<.3	38	15	503	4.03	4	<5	<2	5	24	.3	<2	<2	90	.63	.104	25	72	1.64	378	.15	<3	2.34	.01	.38	<2
DH-21	1	28	6	34	.4	16	5	200	1.19	<2	<5	<2	<2	41	1.3	<2	<2	21	1.95	.099	24	15	.32	683	.04	4	.72	.03	.15	<2
STANDARD C	22	62	35	131	6.5	69	31	958	4.07	42	17	7	42	55	19.0	18	22	58	.51	.093	41	63	.94	189	.09	28	1.89	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
DH-22	2	128	6	48	.4	34	7	332	1.66	6	<5	<2	<2	53	.9	<2	<2	24	3.01	.119	39	19	.40	504	.03	<3	.94	.01	.16	<2
DH-23	4	76	25	180	.3	77	18	496	4.24	8	<5	<2	5	33	.2	<2	<2	160	1.46	.105	23	102	1.94	649	.14	<3	2.58	.02	.41	<2
DH-24	2	53	13	105	<.3	35	11	384	3.20	5	<5	<2	2	37	.5	<2	<2	57	1.44	.104	13	53	1.65	548	.13	<3	2.05	.03	.42	<2
DH-25	3	43	24	86	<.3	41	12	391	4.36	8	<5	<2	7	22	<.2	<2	3	84	.48	.091	17	86	1.45	360	.17	<3	2.29	.02	.48	<2
DH-26	3	165	91	176	.9	98	32	1237	5.99	7	<5	<2	4	34	.3	<2	3	138	1.01	.111	16	150	2.13	1069	.17	<3	3.00	.01	.43	<2
DH-27	3	93	23	118	<.3	62	27	1033	5.64	8	<5	<2	5	29	.6	<2	<2	135	.70	.138	14	84	1.93	832	.18	<3	2.61	.01	.52	<2
DH-28	3	151	14	138	<.3	170	58	909	7.89	6	<5	<2	7	35	.6	<2	4	221	.57	.140	19	154	2.51	1765	.26	<3	4.30	.02	1.22	<2
DH-29	3	88	20	108	.3	51	18	564	4.01	4	<5	<2	<2	35	.4	<2	<2	92	1.26	.133	15	77	1.36	815	.13	<3	2.05	.02	.39	<2
RE DH-29	3	80	17	99	.3	50	17	510	3.60	5	<5	<2	<2	32	.7	<2	<2	83	1.16	.119	14	73	1.21	731	.11	<3	1.82	.02	.35	<2
DH-30	2	37	12	65	<.3	39	20	738	3.75	7	<5	<2	<2	50	.2	<2	<2	87	2.07	.206	8	55	1.27	942	.14	<3	1.80	.02	.52	<2
DH-31	3	145	12	75	<.3	39	32	809	6.82	3	<5	<2	5	26	<.2	<2	<2	120	.62	.165	13	44	1.96	1534	.27	<3	3.18	.01	.93	<2
DH-32	3	67	13	73	<.3	45	24	803	6.14	9	<5	<2	6	21	.4	<2	5	110	.51	.145	22	71	2.01	1245	.22	<3	3.19	.02	.66	<2
DH-33	1	20	27	100	<.3	36	16	711	4.62	11	<5	<2	6	18	<.2	<2	<2	77	.42	.076	12	72	1.98	801	.23	<3	2.69	.01	.94	<2
DH-46	<1	71	15	104	.3	67	22	546	6.50	4	<5	<2	6	27	<.2	<2	<2	156	.83	.174	17	125	2.43	1370	.24	<3	3.77	.01	.99	<2
DH-47	1	49	12	104	.4	103	31	1072	6.78	12	<5	<2	9	33	<.2	<2	2	132	1.03	.186	17	166	3.02	1458	.32	<3	4.13	.01	1.30	<2
DH-48	2	75	19	105	<.3	106	36	1459	6.81	9	<5	<2	11	31	.2	<2	3	168	.89	.181	25	152	2.53	2085	.30	<3	4.07	.01	1.06	<2
DH-49	2	78	14	75	<.3	63	18	584	4.74	8	<5	<2	4	33	<.2	<2	<2	120	1.01	.153	13	111	1.74	1588	.22	<3	2.48	.02	.59	<2
DH-50	1	48	<3	32	.3	30	11	626	2.52	4	<5	<2	<2	31	<.2	<2	<2	43	1.04	.167	20	29	.59	1261	.05	<3	1.39	.03	.07	<2
DH-51	1	18	6	27	<.3	23	6	222	1.49	8	<5	<2	<2	21	<.2	<2	<2	26	.51	.063	5	55	.41	385	.06	<3	.74	.04	.03	<2
DH-52	1	98	45	102	.4	243	47	955	6.19	136	<5	<2	5	23	.3	<2	4	77	.62	.126	15	445	2.92	359	.15	<3	3.28	.01	.15	<2
DH-53	2	84	17	89	<.3	66	23	825	5.48	23	<5	<2	3	34	.6	<2	2	107	1.12	.153	27	101	1.63	937	.15	<3	2.31	.01	.42	<2
DH-54	1	115	5	197	.7	179	41	887	9.79	5	<5	<2	10	27	<.2	<2	5	237	.71	.177	36	280	3.63	2611	.23	<3	5.35	.01	1.13	<2
DH-55	<1	33	<3	26	<.3	6	3	130	1.02	<2	<5	<2	<2	13	<.2	<2	<2	24	.30	.040	4	9	.18	135	.05	<3	.65	.05	.05	<2
DH-56	5	53	35	215	<.3	53	9	305	3.24	6	<5	<2	7	27	.9	<2	3	123	.70	.151	21	71	1.46	330	.16	3	1.93	.01	.32	<2
DH-57	3	41	21	136	<.3	47	13	460	4.02	8	<5	<2	6	24	.6	<2	<2	109	.56	.144	23	86	1.64	427	.20	<3	2.23	.01	.61	<2
DH-58	1	47	14	91	<.3	48	17	611	3.78	5	<5	<2	6	32	.2	<2	<2	47	.73	.091	19	48	2.34	503	.18	<3	2.96	.01	.85	<2
DH-59	2	66	23	132	<.3	49	15	425	4.39	5	<5	<2	7	24	.3	<2	<2	88	.60	.104	14	77	2.01	532	.19	<3	2.60	.01	.91	<2
DH-60	2	36	20	117	.3	44	16	601	5.75	7	<5	<2	6	31	.3	<2	<2	125	.58	.126	17	81	1.79	299	.38	<3	2.86	.01	1.60	<2
DH-61	1	31	16	72	<.3	35	12	313	3.73	9	<5	<2	6	21	.2	<2	<2	63	.51	.094	15	57	1.28	195	.19	<3	2.10	.01	.49	<2
DH-62	1	45	16	92	<.3	34	11	374	3.33	4	<5	<2	<2	26	.3	<2	<2	66	.86	.109	14	61	1.38	386	.14	<3	1.92	.02	.50	<2
DH-63	1	17	3	23	<.3	6	4	79	1.66	<2	<5	<2	<2	17	.2	<2	<2	38	.19	.058	8	10	.20	176	.07	<3	.63	.04	.09	<2
DH-64	<1	11	<3	15	<.3	2	2	57	1.05	<2	<5	<2	<2	17	<.2	<2	<2	29	.24	.054	2	4	.08	52	.06	<3	.28	.05	.03	<2
DH-65	2	30	8	61	<.3	38	9	207	2.81	4	<5	<2	2	23	<.2	<2	2	53	.28	.089	10	81	1.06	175	.16	<3	1.67	.01	.26	<2
DH-66	2	42	20	95	<.3	34	8	280	3.41	5	<5	<2	3	21	.2	<2	<2	107	.55	.100	9	80	1.23	424	.18	<3	1.87	.01	.37	<2
DH-67	1	35	5	20	.4	12	3	173	.91	<2	<5	<2	<2	24	.4	<2	<2	25	.86	.077	27	11	.15	324	.03	<3	.53	.04	.05	<2
STANDARD C	23	62	43	133	6.5	71	31	959	4.07	43	19	8	43	57	18.6	20	22	60	.53	.094	43	65	.94	194	.09	27	1.90	.07	.17	10

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
DH-68	1	50	9	116	<.3	36	8	288	2.98	6	<5	<2	<2	28	<.2	<2	<2	94	.72	.144	12	73	1.58	502	.12	5	2.09	.03	.42	<2
RE DH-68	1	50	5	115	<.3	37	8	288	2.96	3	<5	<2	2	28	<.2	<2	2	92	.72	.142	12	71	1.57	497	.12	5	2.07	.03	.41	<2
DH-69	1	34	4	28	<.3	12	2	131	.49	3	<5	<2	<2	21	.6	<2	<2	11	.65	.068	9	10	.16	447	.02	5	.37	.05	.06	<2
DH-69A	2	58	7	96	<.3	40	11	457	3.41	6	<5	<2	<2	33	.4	<2	<2	92	.99	.176	22	74	1.43	851	.10	7	2.17	.01	.46	<2
DH-70	1	18	<3	27	<.3	11	5	126	1.40	4	<5	<2	<2	18	<.2	<2	3	36	.33	.069	5	21	.38	203	.06	5	.64	.04	.07	<2
DH-71	1	135	99	107	.7	64	10	300	3.05	12	<5	<2	2	45	<.2	<2	<2	127	1.64	.418	66	62	1.49	592	.09	5	2.03	.02	.38	<2
DH-72	1	32	6	61	<.3	26	9	290	2.98	3	<5	<2	<2	31	.2	<2	2	82	.99	.138	11	54	.89	614	.10	4	1.45	.02	.14	<2
DH-73	<1	10	<3	16	<.3	6	2	59	1.00	2	<5	<2	<2	18	<.2	<2	2	28	.33	.055	3	7	.09	107	.05	4	.27	.05	.02	<2
DH-74	<1	16	<3	14	<.3	6	5	256	.91	2	<5	<2	<2	19	<.2	<2	2	23	.41	.088	12	11	.20	242	.04	4	.57	.04	.03	<2
DH-75	1	58	8	77	<.3	32	11	440	2.80	7	<5	<2	<2	35	.3	<2	<2	73	.94	.130	26	61	1.16	579	.09	4	1.73	.02	.23	<2
DH-76	1	39	<3	50	<.3	23	8	215	2.19	6	<5	<2	<2	32	.3	<2	<2	40	.74	.116	21	36	.89	557	.06	4	1.78	.02	.23	<2
DH-77	<1	2	<3	6	<.3	2	1	17	.31	<2	<5	<2	<2	12	<.2	<2	<2	8	.11	.023	1	4	.06	39	.02	3	.21	.04	.03	<2
DH-78	1	20	4	28	.5	16	5	100	1.19	4	<5	<2	<2	22	<.2	<2	<2	27	.44	.071	15	24	.29	431	.04	5	.84	.04	.07	<2
DH-79	1	60	7	82	.5	35	11	300	3.21	3	<5	<2	<2	33	<.2	<2	<2	70	1.11	.141	41	62	1.05	780	.06	4	2.11	.02	.20	<2
DH-80	1	26	8	42	<.3	19	12	282	3.37	4	<5	<2	2	20	.4	<2	<2	74	.40	.110	10	26	.73	180	.13	3	1.57	.01	.26	<2
DH-81	<1	18	6	56	<.3	30	12	295	3.44	4	<5	<2	5	23	<.2	<2	<2	72	.55	.093	15	59	1.23	396	.19	3	1.99	.02	.29	<2
DH-82	1	33	4	60	<.3	43	14	297	3.44	8	<5	<2	4	24	.3	<2	<2	72	.52	.122	12	78	1.37	414	.16	4	2.03	.01	.44	<2
DH-83	2	48	4	85	<.3	55	18	392	4.24	9	<5	<2	5	25	.3	<2	<2	95	.58	.144	15	97	1.86	575	.21	<3	2.60	.01	.90	<2
DH-84	1	24	13	70	<.3	21	7	160	1.99	2	<5	<2	<2	20	.4	<2	<2	48	.42	.107	14	43	.75	321	.10	3	1.45	.02	.21	<2
DH-85	2	27	3	84	<.3	28	11	534	2.99	4	<5	<2	<2	20	<.2	<2	<2	62	.57	.102	12	64	.90	352	.12	<3	1.48	.02	.33	<2
DH-86	1	17	12	65	<.3	21	9	304	2.65	4	<5	<2	7	16	<.2	<2	<2	44	.47	.093	23	44	.83	251	.15	<3	1.46	.01	.34	<2
DH-87	1	14	8	59	<.3	23	8	274	2.96	8	<5	<2	6	12	<.2	<2	<2	51	.25	.061	12	55	.83	93	.17	3	1.51	.01	.30	<2
DH-88	<1	8	5	26	<.3	9	4	103	1.52	2	<5	<2	<2	10	<.2	<2	<2	32	.11	.034	5	18	.29	46	.07	<3	.64	.02	.09	<2
DH-89	1	20	10	52	<.3	20	9	248	2.73	9	<5	<2	4	13	<.2	<2	<2	45	.24	.067	14	40	.74	147	.12	3	1.52	.01	.31	<2
DH-90	<1	9	5	17	<.3	4	3	55	1.14	<2	<5	<2	<2	10	<.2	<2	<2	28	.11	.040	4	8	.09	27	.05	<3	.46	.04	.05	<2
DH-91	3	17	<3	21	<.3	4	2	20	.67	<2	<5	<2	4	13	<.2	<2	<2	8	.06	.011	11	6	.02	52	<.01	<3	.37	.01	.08	<2
DH-92	8	68	16	54	<.3	40	18	523	3.57	2	<5	<2	<2	42	<.2	<2	<2	50	.72	.117	365	38	.64	280	.06	<3	2.24	.02	.27	<2
DH-93	2	22	7	67	<.3	18	7	286	1.80	4	<5	<2	<2	29	1.0	<2	<2	30	.70	.123	47	26	.47	381	.03	<3	1.42	.02	.14	<2
DH-94	1	4	4	12	<.3	4	3	303	.60	2	<5	<2	<2	10	.2	<2	<2	18	.10	.036	4	8	.07	48	.02	<3	.27	.03	.03	<2
DH-95	1	13	7	28	<.3	13	5	139	1.26	<2	<5	<2	<2	24	<.2	<2	<2	21	.62	.089	20	24	.32	467	.04	<3	.93	.03	.09	<2
DH-96	1	21	<3	31	<.3	4	5	137	2.06	<2	<5	<2	<2	12	.2	<2	<2	45	.25	.034	2	12	.59	138	.23	<3	1.01	.02	.46	<2
DH-97	1	10	3	38	<.3	15	6	258	1.78	<2	<5	<2	<2	14	.2	<2	<2	39	.30	.057	6	33	.54	233	.09	3	.94	.02	.23	<2
DH-98	<1	2	3	36	<.3	29	11	457	2.29	2	<5	<2	<2	18	<.2	<2	<2	44	.49	.065	1	73	.92	351	.22	3	1.35	.03	.23	<2
DH-99	<1	2	<3	10	<.3	7	1	41	.53	<2	<5	<2	<2	10	<.2	<2	<2	11	.14	.019	2	14	.12	46	.03	<3	.26	.04	.04	<2
DH-100	<1	7	3	10	<.3	5	2	92	.49	<2	<5	<2	<2	23	<.2	<2	<2	11	.66	.082	3	7	.09	301	.02	6	.42	.04	.03	<2
STANDARD C	20	58	35	126	6.4	69	33	985	3.87	38	17	8	40	53	18.4	20	21	57	.50	.091	40	62	.89	182	.08	27	1.81	.06	.17	8

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
DH-101	1	3	<3	13	<.3	3	1	95	.52	<2	5	<2	<2	11	<.2	<2	<2	13	.14	.037	4	8	.08	68	.03	<3	.27	.03	.04	<2
DH-102	2	6	8	42	<.3	30	13	230	2.70	4	<5	<2	<2	27	<.2	<2	<2	72	.66	.095	5	48	1.23	416	.24	<3	1.68	.02	.40	<2
KW-01	8	92	53	148	<.3	21	14	783	4.15	22	<5	<2	3	24	<.2	2	<2	30	.10	.058	25	28	.59	122	.06	<3	1.33	.01	.18	<2
KW-02	4	56	35	51	<.3	12	20	929	2.31	9	<5	<2	<2	21	<.2	<2	<2	17	.15	.061	26	15	.40	99	.02	<3	.90	.01	.15	<2
KW-03	5	74	44	67	<.3	14	21	1195	3.24	11	<5	<2	2	24	<.2	<2	<2	21	.18	.083	28	21	.53	179	.02	<3	1.27	.01	.16	<2
KW-04	5	92	32	80	<.3	14	7	701	2.63	11	<5	<2	<2	40	.2	2	<2	21	.47	.079	26	16	.46	212	.03	<3	.97	.01	.10	<2
KW-05	10	151	62	137	<.3	19	48	2231	3.51	13	<5	<2	3	34	.4	<2	2	16	.32	.081	37	17	.58	310	.03	<3	1.20	.01	.12	<2
KW-06	42	280	95	134	<.3	17	9	367	4.77	18	<5	<2	6	46	<.2	<2	5	24	.08	.086	32	17	.47	114	.01	<3	.74	.01	.09	<2
KW-07	35	353	100	117	.3	16	11	543	4.48	16	<5	<2	3	40	<.2	4	<2	20	.08	.093	36	17	.47	153	.01	<3	.88	<.01	.09	<2
KW-08	47	456	84	136	<.3	19	13	625	4.78	19	<5	<2	11	47	<.2	<2	6	21	.14	.110	52	16	.56	163	.01	<3	.95	<.01	.09	<2
KW-09	32	149	86	96	<.3	12	6	285	4.47	17	<5	<2	4	29	<.2	3	<2	23	.02	.080	26	13	.39	110	.01	<3	.91	.01	.08	<2
KW-10	137	111	145	328	<.3	16	6	407	4.57	13	<5	<2	6	102	.3	3	6	20	.05	.076	43	12	.41	199	.01	<3	.69	<.01	.06	<2
KW-11	10	127	91	151	<.3	21	11	564	4.56	20	<5	<2	6	18	.4	3	2	24	.09	.074	31	15	.42	135	.02	<3	.84	.01	.10	<2
KW-12	11	144	98	122	<.3	17	5	348	6.00	9	<5	<2	13	26	<.2	3	2	27	.04	.068	22	29	.64	77	.06	<3	1.20	<.01	.12	<2
RE KW-12	11	139	98	117	<.3	16	5	331	5.85	12	<5	<2	13	26	.4	3	5	26	.04	.066	22	27	.62	76	.06	<3	1.17	<.01	.12	<2
KW-13	7	71	16	31	.7	4	3	84	1.69	8	<5	<2	<2	9	<.2	<2	<2	20	.02	.036	15	8	.13	107	.01	<3	.86	.02	.05	<2
KW-14	13	360	65	121	<.3	20	13	591	5.88	24	<5	<2	28	16	<.2	4	3	23	.07	.069	25	26	.79	56	.02	<3	1.25	<.01	.09	<2
KW-15	10	114	64	57	.3	9	5	241	3.96	22	<5	<2	3	12	<.2	3	<2	22	.07	.063	19	12	.33	43	.02	<3	.85	.01	.06	<2
KW-16	13	126	43	89	<.3	16	11	342	4.96	29	<5	<2	5	10	<.2	5	<2	35	.02	.089	22	15	.25	49	.03	<3	.83	<.01	.07	<2
KW-17	9	83	41	47	.8	8	4	222	2.88	17	<5	<2	<2	13	<.2	3	<2	22	.07	.082	20	17	.37	77	.01	<3	1.00	<.01	.09	<2
KW-18	7	75	57	104	<.3	22	10	479	4.81	21	<5	<2	11	16	<.2	3	4	27	.02	.068	24	15	.42	77	.01	<3	1.44	<.01	.10	<2
KW-19	5	65	38	79	<.3	16	7	353	3.06	19	<5	<2	2	12	.5	2	<2	22	.03	.063	22	10	.26	61	.01	<3	.90	.01	.09	<2
KW-20	12	252	116	106	<.3	14	5	275	6.04	34	<5	<2	5	28	<.2	5	<2	27	.01	.100	23	14	.29	119	.02	<3	.73	.01	.11	<2
KW-21	15	293	91	119	.3	35	13	521	7.11	29	<5	<2	18	16	<.2	4	5	34	.04	.101	26	30	.63	70	.02	<3	1.23	<.01	.09	<2
KW-22	4	26	27	59	<.3	10	7	786	2.96	11	5	<2	<2	20	<.2	<2	<2	28	.08	.061	20	20	.39	137	.03	<3	.97	.01	.12	<2
KW-23	3	34	29	45	<.3	11	7	366	2.96	10	5	<2	11	24	<.2	3	<2	21	.11	.042	18	21	.41	67	.08	<3	1.27	<.01	.11	<2
KW-24	4	46	40	54	<.3	15	9	440	3.32	14	<5	<2	10	22	<.2	<2	2	17	.13	.065	21	17	.44	67	.04	<3	.87	<.01	.09	<2
KW-25	4	84	56	108	<.3	37	24	1875	4.85	19	<5	<2	16	26	<.2	2	3	32	.15	.109	31	41	.96	93	.06	<3	1.47	<.01	.16	<2
KW-26	13	236	113	257	.4	22	23	817	6.10	23	<5	<2	17	48	.8	3	5	19	.35	.083	52	21	.91	105	.06	<3	1.21	<.01	.16	<2
KW-27	15	91	66	88	<.3	24	12	739	3.72	17	<5	<2	25	54	<.2	<2	6	22	.06	.072	48	19	.62	156	.04	<3	1.04	.01	.28	<2
KW-28	4	69	63	82	<.3	22	13	626	3.11	20	<5	<2	21	34	<.2	3	3	20	.20	.069	51	21	.58	134	.05	<3	1.03	<.01	.15	<2
KW-29	3	23	28	40	<.3	10	5	231	1.76	10	<5	<2	8	23	<.2	<2	<2	17	.10	.034	30	11	.32	82	.04	<3	1.00	<.01	.15	<2
KW-30	16	12	67	36	.3	2	<1	233	5.54	7	5	<2	10	13	<.2	<2	<2	22	.02	.043	5	21	.85	381	.18	<3	.97	<.01	.07	<2
KW-31	3	77	58	79	<.3	10	7	521	6.79	25	<5	<2	8	22	<.2	3	<2	29	.17	.081	5	40	1.36	30	.11	<3	1.34	<.01	.04	<2
KW-32	58	14	75	40	<.3	3	1	89	1.94	6	<5	<2	3	6	<.2	<2	11	23	.01	.035	55	7	.32	49	.01	<3	.40	<.01	.06	<2
STANDARD C	22	59	36	127	6.3	67	30	1041	3.89	41	20	7	40	53	18.7	16	16	56	.49	.090	40	61	.89	176	.08	31	1.77	.06	.15	10

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
KW-33	30	482	28	93	.7	10	7	968	2.25	7	<5	<2	2	30	.8	<2	3	14	.16	.076	28	10	.19	154	.01	<3	.56	.02	.05	<2
KW-34	28	226	121	183	<.3	13	12	763	5.60	21	<5	<2	7	31	<.2	<2	6	24	.04	.071	32	12	.30	105	<.01	<3	.73	.01	.05	<2
KW-35	24	105	91	90	<.3	7	5	246	3.62	18	<5	<2	8	47	.3	2	6	15	.02	.066	41	6	.17	184	<.01	<3	.46	.01	.11	<2
RE KW-35	23	104	91	90	<.3	7	4	240	3.62	19	<5	<2	9	47	<.2	<2	6	15	.02	.067	41	6	.17	186	<.01	<3	.46	.01	.11	<2

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au* ppb
DH 6W 1+00S	1
DH 6W 1+50S	3
DH 6W 2+50S	2
DH 6W 3+00S	1
DH 6W 3+50S	2
DH 6W 4+00S	6
DH 6W 4+50S	2
DH 6W 5+00S	1
DH 6W 5+50S	1
DH 6W 6+00S	2
DH 6W 6+50S	1
DH 6W 7+00S	<1
DH-01	1
DH-01+32	2
DH-02	2
DH-03	1
DH-04	2
DH-05	2
DH-06	1
DH-07	3
DH-08	1
RE DH-08	1
DH-09	<1
DH-10	1
DH-11	7
DH-12	1
DH-13	1
DH-14	1
DH-15	<1
DH-16	1
DH-17	1
DH-18	<1
DH-19	1
DH-20	1
DH-21	1
STANDARD AU-S	50

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au* ppb
DH-22	4
DH-23	1
DH-24	1
DH-25	1
DH-26	1
DH-27	2
DH-28	1
DH-29	2
RE DH-29	2
DH-30	1
DH-31	<1
DH-32	1
DH-33	1
DH-46	1
DH-47	1
DH-48	<1
DH-49	<1
DH-50	<1
DH-51	1
DH-52	<1
DH-53	1
DH-54	<1
DH-55	1
DH-56	1
DH-57	1
DH-58	1
DH-59	<1
DH-60	1
DH-61	1
DH-62	<1
DH-63	<1
DH-64	<1
DH-65	2
DH-66	<1
DH-67	1
STANDARD AU-S	52

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au* ppb
DH-68	1
RE DH-68	1
DH-69	1
DH-69A	1
DH-70	1
DH-71	1
DH-72	1
DH-73	<1
DH-74	<1
DH-75	1
DH-76	<1
DH-77	<1
DH-78	<1
DH-79	1
DH-80	1
DH-81	<1
DH-82	1
DH-83	1
DH-84	2
DH-85	1
DH-86	3
DH-87	<1
DH-88	<1
DH-89	<1
DH-90	4
DH-91	<1
DH-92	1
DH-93	1
DH-94	<1
DH-95	1
DH-96	<1
DH-97	<1
DH-98	<1
DH-99	<1
DH-100	<1
STANDARD AU-S	48

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au* ppb
DH-101	2
DH-102	1
KW-01	24
KW-02	2
KW-03	4
KW-04	2
KW-05	2
KW-06	20
KW-07	21
KW-08	38
KW-09	9
KW-10	11
KW-11	4
KW-12	4
RE KW-12	5
KW-13	1
KW-14	10
KW-15	6
KW-16	1
KW-17	3
KW-18	1
KW-19	1
KW-20	1
KW-21	6
KW-22	4
KW-23	1
KW-24	3
KW-25	7
KW-26	9
KW-27	4
KW-28	3
KW-29	1
KW-30	2
KW-31	2
KW-32	4
STANDARD AU-S	47

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au* ppb
KW-33	18
KW-34	46
KW-35	63
RE KW-35	47

Sample type: SOIL PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ACME ANALYTICAL LABS. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Demand Gold Ltd. File # 95-3346R

510 - 700 W. Pender St., Vancouver BC V6C 1G8

SAMPLE#	Au* ppb
DB-01	2
DB-02	1
DB-03	2
DB-04	2
DB-05	2
DB-06	2
DB-07	2
DB-08	2
DB-09	3
DB-10	3
DB-11	1
DB-12	2
DB-13	1
DB-14	1
DB-15	2
DB-16	3
DB-17	2
DB-18	1
DB-19	2
DB-20	2
DB-21	3
DB-22	3
DB-23	2
DB-24	1
DB-25	2
DB-26	2
DB-27	1
DB-28	1
RE DB-28	2
DB-29	2
DB-30	1
DB-31	2
DB-32	2
DB-33	3
STANDARD AU-S	52

52

- SAMPLE TYPE: SOIL PULP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 5 1995 **DATE REPORT MAILED:** Oct 6/95 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

...LYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Demand Gold Ltd. File # 95-3543R Page 1

510 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: David Bratt

SAMPLE#	Au* ppb
DB-34	143
DB-36	101
DB-37	23
DB-38	4
DB-39	4
DB-40	6
DB-41	2
DB-42	18
DB-43	38
DB-44	14
DB-45	41
DB-46	59
DB-47	35
DB-48	33
DB-49	64
DB-50	130
DB-51	161
RE DB-51	149
DB-52	5
DB-53	6
DB-54	4
DB-55	16
DB-56	5
DB-57	6
DB-58	3
DB-59	2
DB-60	4
DB-61	3
DB-62	5
DB-63	6
DB-64	8
DB-65	8
DB-66	16
DH 6W 0S	2
DH 6W 0+50S	1
STANDARD AU-S	52

- SAMPLE TYPE: SOIL PULP AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 5 1995 DATE REPORT MAILED: Oct 6/95 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

TY CLAIMS PROSPECTING AND SOIL SAMPLING PROJECT

SEPT. 7th - SEPT. 12th 1995

List of Personnel

Dean Harman	2293 W. 33rd Ave., Vancouver, B.C.
Dan Brett	510-700 W. Pender St., Vancouver, B.C.
Andrew G. Harman	510-700 W. Pender St., Vancouver, B.C.

Expenditures on Project

Camp Costs	$ 630.00
Wages	$2,700.00
Aircraft Charters	$3,674.48

Project Expenditures Total

$7,004.48

Andrew G. Harman
January 1996

MINERAL EXPLORATION EXPERIENCE

Resume

1.) 30 years of mineral exploration experience in areas such as Yukon Territory, Northwest Territories, Alaska, British Columbia, California, Nevada, Arizona, Montana and Central and South America.

2.) Exploration experience in base metals, volcanogenic massive sulphides, placer gold, precious metals, industrial minerals, heavy rare earths, diatreme pipes, volcanogenic sulphur and copper porphyry environments.

3.) Have organized and managed several mineral exploration syndicates in North and South America.

4.) Have many years as mineral property acquisition scout in North and South America.

5.) Have been involved in several Yukon projects such as:

a.) 1965 - Did E.M. geophysical survey for Dynasty Explorations to locate discovery drill hole on the Anvil Mine.

b.) 1966 - Did a program of geochemical exploration and trenching on Mt. Hundere which became Se Dena Hess Mine.

c) 1971 - Discovered gold in the Moosehorn Range while managing a copper exploration program for Qintana Minerals.

Andrew G. Harman

A Preliminary Evaluation
of the
TY Claims 093430
Finlayson Lake area, Yukon Territory
NTS 105G/1
Lat.:61° 10' N Long.: 130° 10' W
Watson Lake M.D.

for

Pacific Bay Minerals Ltd.
510 - 700 West Pender Street
Vancouver, B.C.
V6C 1G8

by

Uwe Schmidt, B.Sc., P.Geo.
Northwest Geological Consulting Ltd.
656 Foresthill Place,
Port Moody, B.C.
V3H 3A1

June 30, 1995
Amended Sept. 12, 1995

Table of Contents

List of Illustrations

Summary

Pacific Bay Minerals Ltd. has negotiated with Andrew Harmon to acquire the 38 TY claims located in Finlayson Lake area of southeastern Yukon. Previous work in the vicinity of the property indicates that the geological setting is similar to Cominco's ABM massive sulphide deposit, recently discovered 40 km to the northwest. Staking by Cominco and others continues while drilling on the ABM deposit proceeds with the aim of reaching a production decision in 1995.

Cominco geologists describe the deposit as Volcanic Hosted Massive Sulphide (VHMS) hosted by Mississippian (?) felsic pyroclastics, aphanitic massive rhyolites and metasiliciclastic rocks. Drilling to date has outlined a deposit of 13 million tonnes grading 1.0% Cu, 1.3% Pb, 5.5% Zn, 125 g/tonne Ag and 1.2 g/tonne Au (Nov. 8, 1995).

The south end of the TY claims was previously staked in 1975 by Cyprus Anvil Mining Corporation with the PY claims. The claims covered a reconnaissance stream sediment geochemical anomaly of 1,000 ppm Cu and was further explored by grid soil sampling, mapping, electromagnetic and induced polarization surveys.

The area was restaked as the Lion claims in 1988 by Northern Dynasty Explorations Ltd., to cover regional stream sediment gold and arsenic anomalies. Limited follow up work failed to locate the source of the gold anomaly.

The writer examined the property on June 23, 1995. Lithologies examined, are in the writer's opinion metavolcanic rocks which may be associated with Kuroko-style mineralization. The favourable metavolcanic stratigraphy crops out along the southern border of the property and dips northward on to the claims. This suggests good exploration potential for VMS mineralization on the property.

A two staged program of exploration is recommended. A phase 1 program of airborne geophysical surveys, grid soil sampling, mapping and prospecting is estimated to cost $85,000.

A second phase of diamond drilling, contingent on favourable phase 1 results, is estimated to cost $96,000, for a total estimated cost of $181,000.

Introduction

Pacific Bay Minerals Ltd. has negotiated with Andrew Harmon to acquire the 38 TY claims located in Finlayson Lake area of southeastern Yukon. Previous work in the vicinity of the property indicates that the geological setting is similar to Cominco's ABM massive sulphide deposit discovery, located 40 km to the northwest. Staking by Cominco and others continues while drilling on the ABM deposit proceeds with the aim of reaching a production decision in 1995. The writer has been retained by the company to examine the property, to report on its potential and to make recommendations concerning future exploration. A field examination of the property was undertaken on June 23, 1995. A combination of field observations, available references and the writer's previous experience in the area is the basis of this report.

Property, Location and Access

The TY claims are located 155 km southeast of the village of Ross River in southeastern Yukon. The approximate centre of the claims is latitude 61° 10' N and longitude 130° 10' W within NTS map area 105G/1

Name	Grant Numbers	Lapse Date
TY 1-38	YB56230-YB56267	Oct. 3, 1995

The TY claims are located a the south end and are partly surrounded by a large number of claims owned by Cominco Ltd. A small block of Wawa claims is located south of the property. The claims are owned by Andrew Harmon and registered in the Watson Lake Mining Division. Number one posts for TY 5, 6 and number two posts for TY 3, 4 were examined. The claims lie within a broad valley covered by dense black spruce and balsam fir which made it difficult to locate claim posts from the air. It is beyond the scope of this report to accurately locate the property boundary in relation to preexisting claims but it is the writer's opinion that staking was carried out according to Yukon regulations and that the claims are plotted with acceptable accuracy on government claim maps.

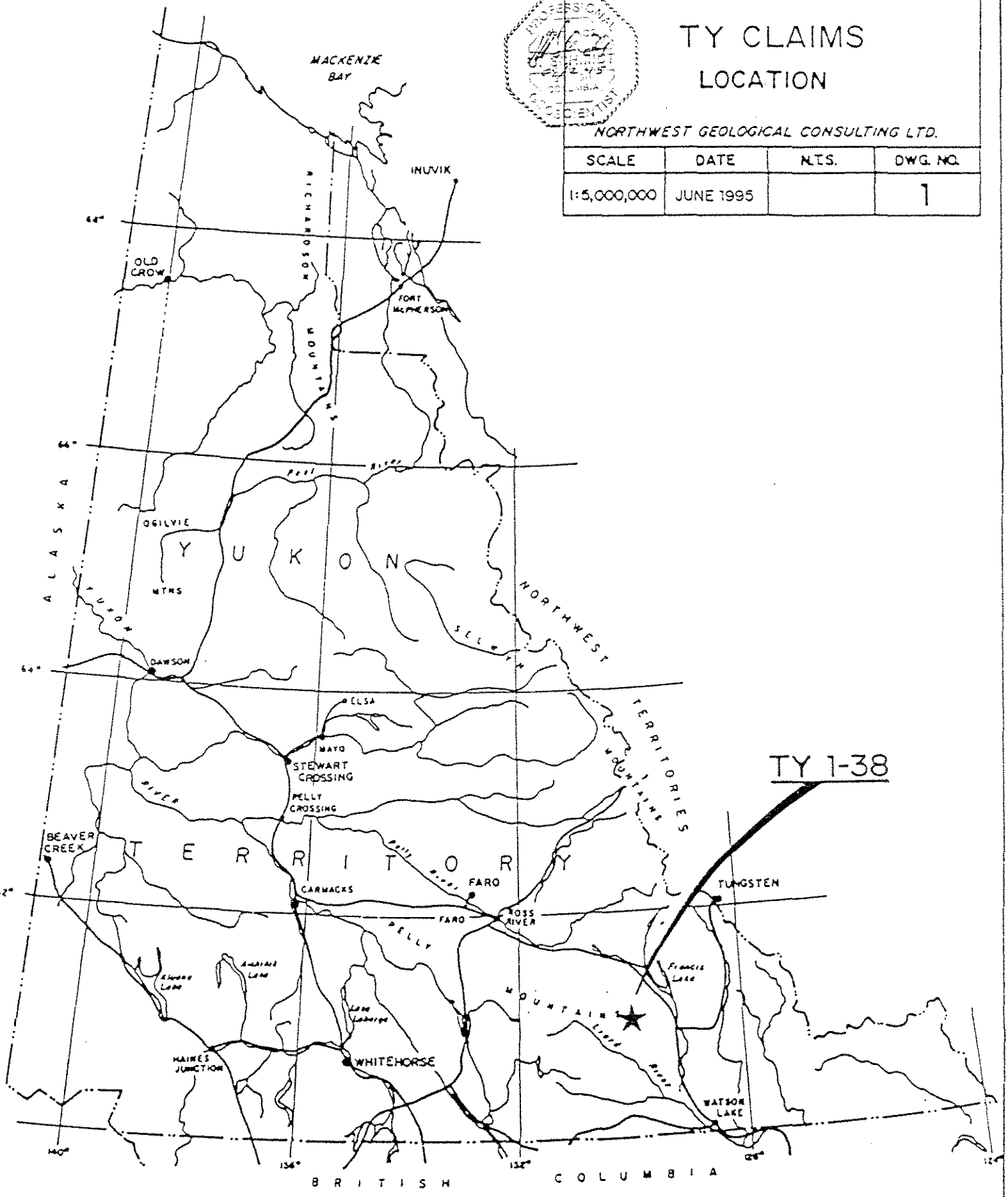
The property is accessible by charter helicopter based in Ross River or Watson Lake. The Robert Campbell Highway, which connects Ross River and Watson Lake, is located approximately 35 km north of the property. This route or nearby lakes could be used to reduce helicopter time when mobilizing camp and equipment to the property.

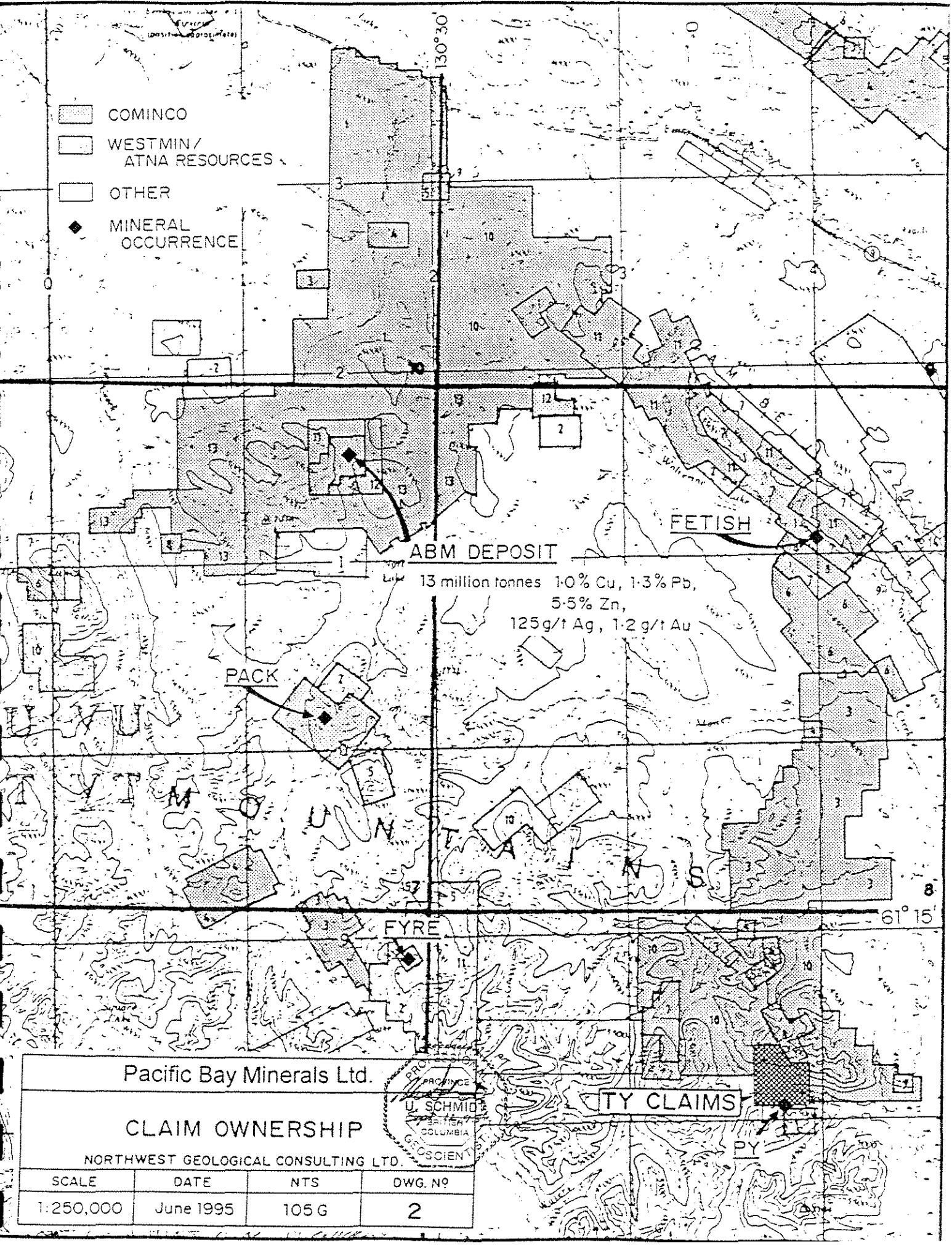
Pacific Bay Minerals Ltd.

TY CLAIMS
LOCATION

NORTHWEST GEOLOGICAL CONSULTING LTD.

SCALE	DATE	N.T.S.	DWG. NO.
1:5,000,000	JUNE 1995		1





Pacific Bay Minerals Ltd.

CLAIM OWNERSHIP

NORTHWEST GEOLOGICAL CONSULTING LTD.

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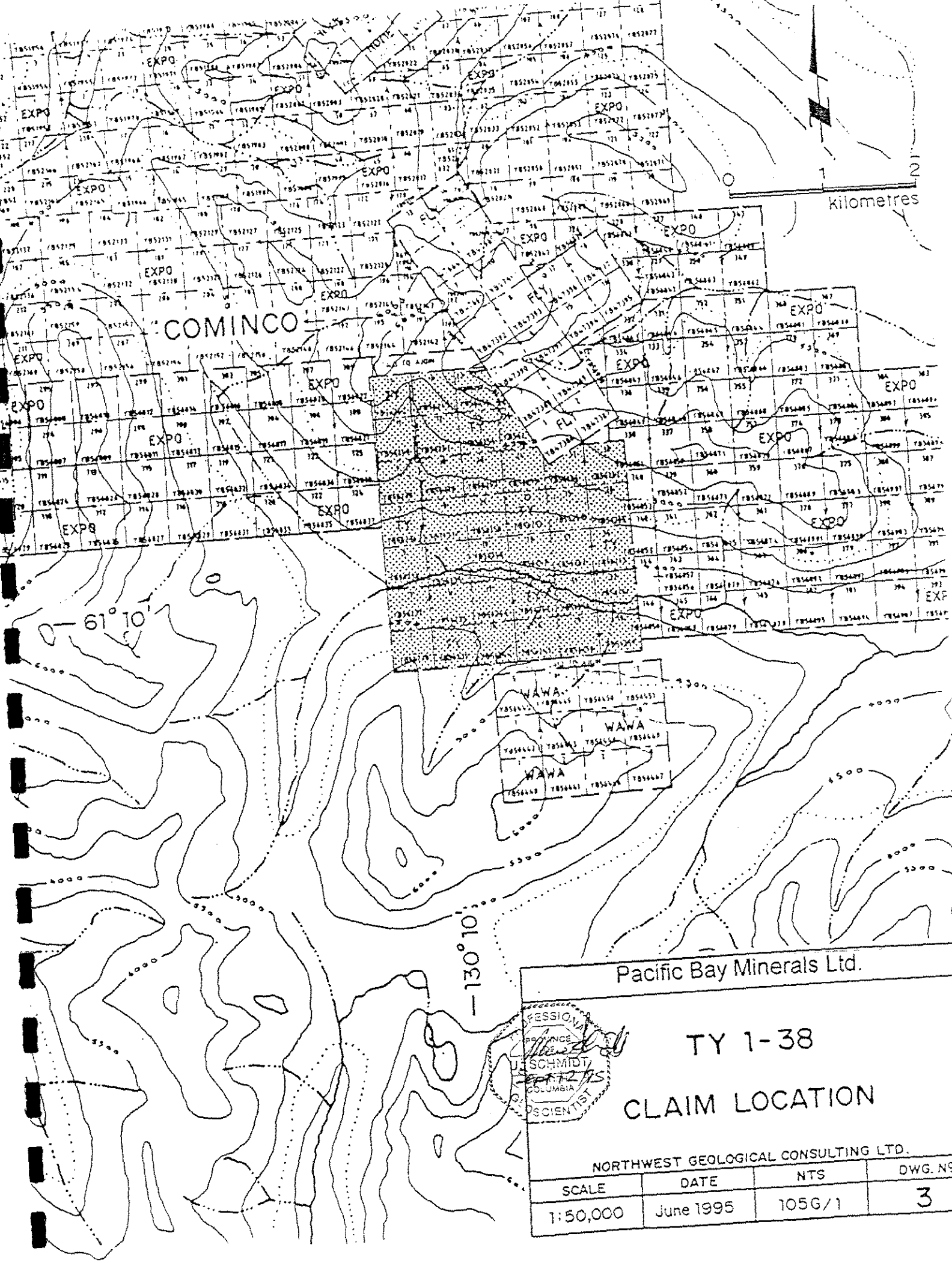


Pacific Bay Minerals Ltd.

TY 1-38

CLAIM LOCATION

NORTHWEST GEOLOGICAL CONSULTING LTD.

SCALE	DATE	NTS	DWG. Nº
1:50,000	June 1995	105G/1	3

Physiography

The property lies within the rugged Simpson Range, a sub-division of Yukon Plateau physiographic region of the northern Cordillera. Elevations in the Simpson Range extend from approximately 1000 metres to 2350 metres. Elevations on the property range from 1200 to 1900 metres. The southwestern boundary of the Simpson Range is marked by Tintina Trench, a major northwest-trending valley and surface expression of the Tintina Fault Zone. The Simpson Range is bordered by the Ross Lowland to the northwest and the Liard Plain to the southeast.

The area was covered by McConnell glaciation which lasted from 26.5 ka to 10 ka. The area in the vicinity of the property was covered by the Liard lobe of the Cordilleran ice sheet which flowed in a southerly direction, east of the map area and flowed in a southeasterly direction, south of the map area. The rugged terrain in the vicinity of the property was covered by a cirque and ice-cap complex. The effects of glaciation have produced broad anastomosing valleys surrounding isolated mountains and small mountain ranges. Many of these valleys are now occupied by underfit streams and rivers. Tributaries of these streams often end in cirque valleys.

Valley bottoms are typically underlain by glaciofluvial sediments having a thickness of greater than 5 metres. The lower slopes above the valley floor are draped by colluvial apron sediments. The valley in the centre of the property to tree line is covered by black spruce and balsam fir forest. Tree line is at about 1400 to 1500 metres and above this elevation, alpine grasses and a variety of mosses dominate. Sub-outcrop and outcrop are fairly common in the alpine areas but is limited to stream valleys at lower elevations.

The Simpson Range is the height of land between Ross Lowland and Liard Plain. Winds from the southeast bring warm, moist air from Liard Plain to higher elevations in the Simpson Range, resulting in unstable weather conditions during the summer months and heavy snow accumulations during winter. A typical field season in the area extends from mid May to early October.

History

The recent discovery of the ABM polymetallic massive sulphide deposit by Cominco Ltd. in Finlayson Lake area has renewed an interest by other mining and exploration companies in volcanogenic massive sulphide (VMS) deposits within Yukon-Tanana Terrane. This type of mineralization, although not previously classified as VMS mineralization, has been known in this area since the early 1960's. During this period the Pack and Fyre occurrences were first staked, 13 km and 26 km south respectively, of the ABM deposit. In the mid 1960's the area was again actively explored, following the discovery of the Faro ore body 170 km to the northwest. All known massive sulphide showings were staked, including pyrrhotite-rich mineralization that is associated with granitic intrusions and base metal skarns. A number of regional airborne geophysical surveys were flown and geophysical targets drilled without success.

From the early 1970's to the early 1980's a number of companies carried out regional exploration programs in the area for SEDEX mineralization (Hoo), VMS mineralization (PY, Fyre, Fetish, Pack, Bev) and tungsten skarns (Boot). In 1973, the Fetish claims were staked by Finlayson Joint Venture over a target 25 km east of the ABM deposit with similar geology and explored by two shallow drill holes. The PY claims were staked in 1975 by Cyprus Anvil Mining Corporation 40 km southeast of the ABM deposit in similar geology. Exploration did not proceed to the drill stage on the PY claims.

In 1988 the G.S.C. released Open File 1648, causing many claims to be staked over gold and arsenic stream sediment anomalies. Many claims were located over allochthonous ophiolitic rocks and appear to be associated with the thrust sheets that border the ultramafic rocks.

A large portion of the favourable Yukon-Tanana Terrane in this area has been staked since the discovery of the ABM deposit. Cominco, the largest claim holder, has staked about 3,700 additional claims and flown 15,000 km of helicopter-borne geophysics. An additional 13,000 metres of drilling in 110 holes are planned for 1995. This work will allow the calculation of an ore reserve. Preliminary mine planning suggests that at least one half of the 13 million tonne ore body can be mined from surface. Studies and permitting activities underway will allow the company to make a production decision in 1995 if results are favourable.

Westmin Resources Limited through an option agreement with Atna Resources Ltd. is exploring a large number of claims that include the Fetish and Pack occurrences.

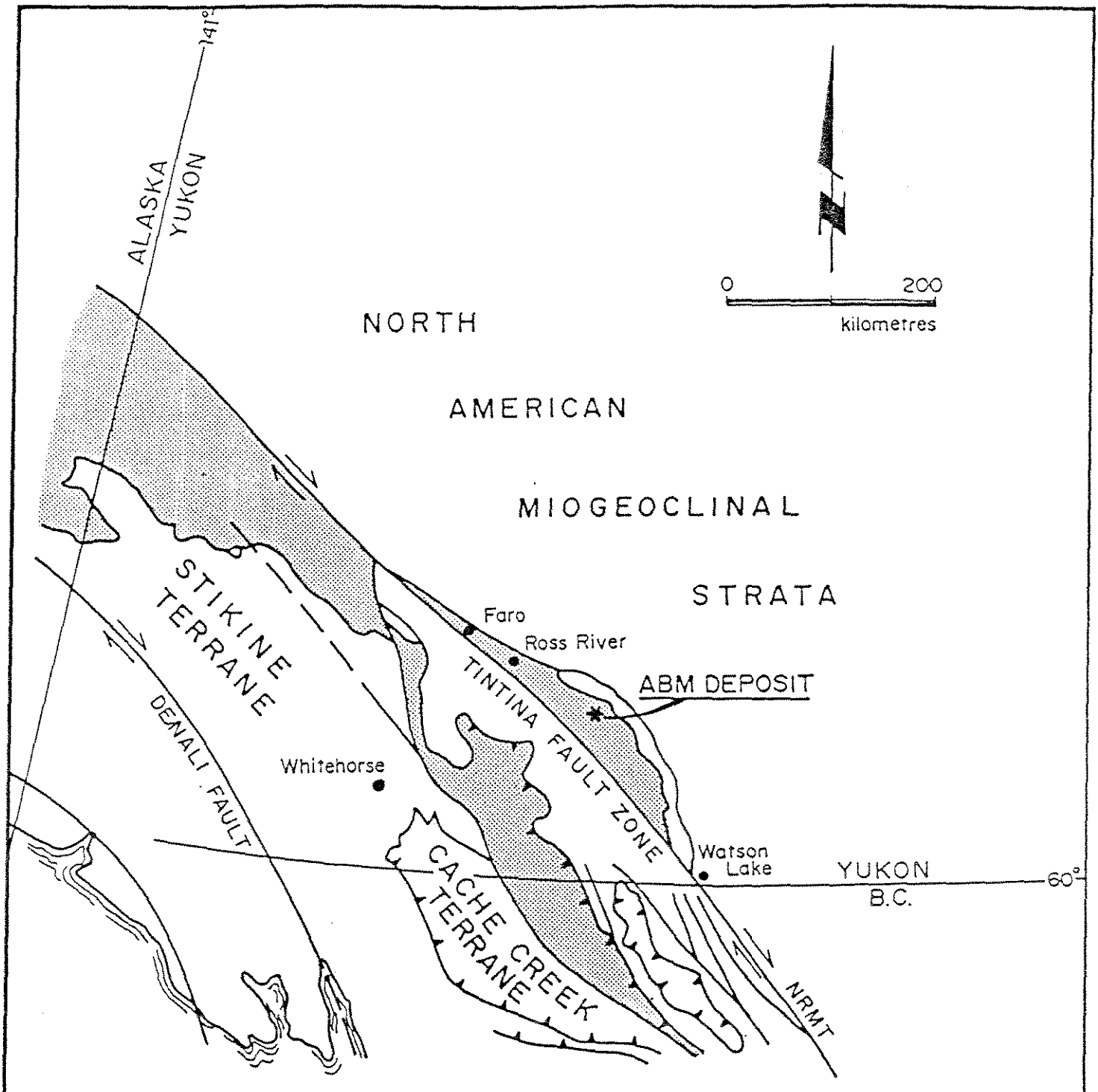
Regional Geology

A large area of western to southeastern Yukon is underlain by the Yukon-Tanana Terrane (YTT). This geologically complex terrane consists of polydeformed metamorphic rocks derived from a variety of igneous and sedimentary protoliths thought to have originated outboard of North American autochthonous strata and ranges in age from Precambrian to Recent. Yukon-Tanana Terrane is host to a variety of economically important classes of mineral deposits. Recently, exploration has focussed on stratabound massive sulphide deposits that occur in subdivisions of this terrane in two areas of the Yukon. A number of stratabound base metal occurrences are known west and south of Dawson City. A second group of similar mineral occurrences is known in YTT of Finlayson Lake area. The geology is similar to Dawson area but is now geographically removed because of 450 km of right-lateral movement along the Tintina Fault.

Mortensen (1992) divided the YTT into 3 structural assemblages: 1) Nisling Assemblage, a lower structural package of quartzite and marble of possible Proterozoic and/or Cambrian age; 2) Nasina assemblage, a middle structural package of Late Devonian to middle Mississippian carbonaceous metasedimentary, mafic and felsic metavolcanic rocks; 3) an upper structural package of mid-Permian felsic metavolcanic (Klondike Schist) and metaplutonic rocks.

Three classes of stratabound, syngenetic mineralization have been identified in YTT. These are: 1) Kuroko-type VMS deposits, hosted by metamorphosed felsic volcanic and subvolcanic rocks; 2) Besshi-type VMS deposits, hosted mainly by metamorphosed mafic volcanic and associated sedimentary rocks; 3) SEDEX-type deposits, hosted mainly by metamorphosed carbonaceous siliciclastic rocks.

Examples of all three classes of mineralization have been recognized in Finlayson Lake area. The Kuroko-type VMS mineralization occurs within felsic metavolcanic and volcaniclastic rocks of the Early Mississippian Nasina assemblage. These occurrences are spatially associated with deformed subvolcanic domes or thick sills with their distal equivalents



Pacific Bay Minerals Ltd.

YUKON - TANANA TERRANE

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA U. SCHMIDT GEOSCIENTIST

NORTHWEST GEOLOGICAL CONSULTING LTD.

SCALE	DATE		DWG Nº
As shown	June 1995		4

modified from Mortensen and Jilson (1985)

interfingering with carbonaceous siliciclastics (Johnston et al. 1994). The ABM deposit, Pack and Fetish occurrences are in this class.

Besshi-type VMS mineralization is associated with interlayered mafic metavolcanic rocks, carbonaceous schist and fine grained siliciclastics of the Nasina Assemblage. The Fyre occurrence has been classified as a Besshi-type. Mineralization is crudely zoned, with a sulphide-rich facies consisting predominantly of fine grained pyrite with minor chalcopyrite and sphalerite and an oxide-rich facies consisting of siliceous, chlorite-rich, magnetite iron formation with disseminated pyrite, pyrrhotite and chalcopyrite.

The SEDEX-type of mineralization (Hoo) also occurs in Finlayson Lake area but does not occur in the vicinity of the property and is not an exploration target.

Economic Geology

The discovery of the ABM deposit by Cominco geologists followed a program of prospecting and contour soil sampling aimed at locating the source of anomalous Zn, Pb and Cu concentrations detected in stream sediments by a G.S.C. regional stream sediment and water geochemical survey (G.S.C. O.F. 1648). A small cobble of banded massive sulphide mineralization found by Cominco geologist A.B. Mawer, in 1993, provided the encouragement to continue exploration with a UTEM ground electromagnetic survey. This survey and soil geochemical surveys outlined a drill target about 1 km up ice from the mineralized float. The discovery hole was drilled April, 1994, resulting in an intercept of 22.5 metres grading 0.5% Cu, 2.8% Pb, 10 % Zn, 278g/tonne Ag and 1.2g/tonne Au. Continued drilling has outlined a deposit of 13 million tonnes grading 1.0% Cu, 1.3% Pb, 5.5% Zn, 125 g/tonne Ag and 1.2 g/tonne Au (Nov. 8, 1995).

ABM Deposit (Yukon Minfile 105G117, NTS 105G/7)

The deposit is described by Cominco geologists as Volcanic Hosted Massive Sulphide (VHMS) hosted by Mississippian (?) felsic pyroclastics, aphanitic massive rhyolites and metasiliciclastic rocks. It is a gently north-dipping, tongue-shaped sulphide lens having a strike length of 700 metres and maximum down dip dimension of 400 metres. It generally consists of one layer with an average thickness of 18 metres, with one restricted area having two layers. The deposit subcrops below 2 to 10 metres of glacial drift in a broad U-shaped

valley.

The sulphide horizon is hosted by quartz-muscovite-carbonate schist within a sequence of chlorite schist (mafic metavolcanic), quartz-sericite-schist (rhyolite), feldspar porphyry and black phyllites. Chlorite, albite and carbonate alteration are associated with the deposit. Three types of mineralization have been recognized: well-laminated magnetite/pyrite; buckshot-textured pyrite/sphalerite in laminated siliceous-carbonate gangue; net-textured pyrrhotite-pyrite-chalcopyrite-chlorite. Up to 2 % Ba is associated with mineralization. The association of magnetite with sulphides, which makes up about 1/3 of the mineralization, is unusual for VMS deposits.

Fyre (Yukon Minfile 105G034, NTS105G/2)

The Fyre occurrence was first staked in 1960 and explored by magnetic, electromagnetic surveys and diamond drilling. Various operators restaked or optioned the property and explored in 1966, 1976, 1980 and 1990. The Fyre deposit is a flat-lying lens of massive sulphides hosted by metamorphosed pyroclastic volcanic rocks overlain by clastic sedimentary rocks. Drilling to date has outlined an estimated 1.36 million tonnes grading 1% Cu, 1% Zn, 5.14 g/t Ag and 0.69 g/t Au.

The Fyre showing is exposed discontinuously over a strike length of 760 metres and ranges in thickness from 1.5 metres to 12 metres. Mineralization dips moderately to the northeast and is crudely zoned, with a sulphide-rich southeast end and an oxide-rich northwest end. The northwest end is a siliceous, chlorite-rich, magnetite iron formation with disseminated pyrite, pyrrhotite and chalcopyrite. The southeast end is a sulphide facies consisting predominantly of fine grained pyrite with minor chalcopyrite and sphalerite. Footwall rocks consist of chlorite-quartz schist and amphibolite. Biotite-quartz schist, phyllite and slate occur in the hanging wall. Sampling by Yukon government geologists revealed elevated geochemical concentrations of gold associated with the sulphide facies.

Pack (Yukon Minfile 105G032, NTS 105G/7)

The Pack occurrence was first staked in 1961 and explored by two diamond drill holes. It was restaked in 1977, 1979 and 1993. A thin, tightly folded sulphide horizon, within metasedimentary and metavolcanic rocks, is exposed on a cliff face on the west side of the property . The most recent operators (Westmin Resources/Atna Resources Ltd.) report

finding both stratabound iron formation and thin beds of semi-massive sulphide mineralization with up to 3% Zn, 0.64% Cu and 8g/tonne Ag over a thickness of one to two metres.

Fetish (Yukon Minfile 105G072, NTS105G/8)

The Fetish claims were staked in 1973 and explored by grid soil sampling, mapping, trenching and 2 shallow diamond drill holes. On surface, traces of chalcopyrite and galena occur in strongly leached and limonite-stained chlorite schist and quartz float. The two holes, drilled in 1973, encountered thin bands (up to 0.64 cm) of chalcopyrite and sphalerite in a 12.2 to 20 metre thick zone of talc-sericite-chlorite schist. The best grade section assayed 0.24% Cu and 0.22% Zn over 4.72 metres. The property was restaked in 1982 and 1993. An iron formation horizon and anomalous soil geochemistry suggest the surface showing lies within a 7 km long belt of favourable geology.

Py (Yukon Minfile 105G083, NTS105G/1)

This area was staked in 1975 by Cyprus Anvil Mining Corporation with the PY claims. The claims covered a reconnaissance stream sediment geochemical anomaly of 1,000 ppm Cu and was further explored by grid soil sampling, mapping, electromagnetic and induced polarization surveys. Results from these surveys outlined strong copper geochemical anomalies in soil but the geophysical surveys did not provide sufficient encouragement to warrant drilling.

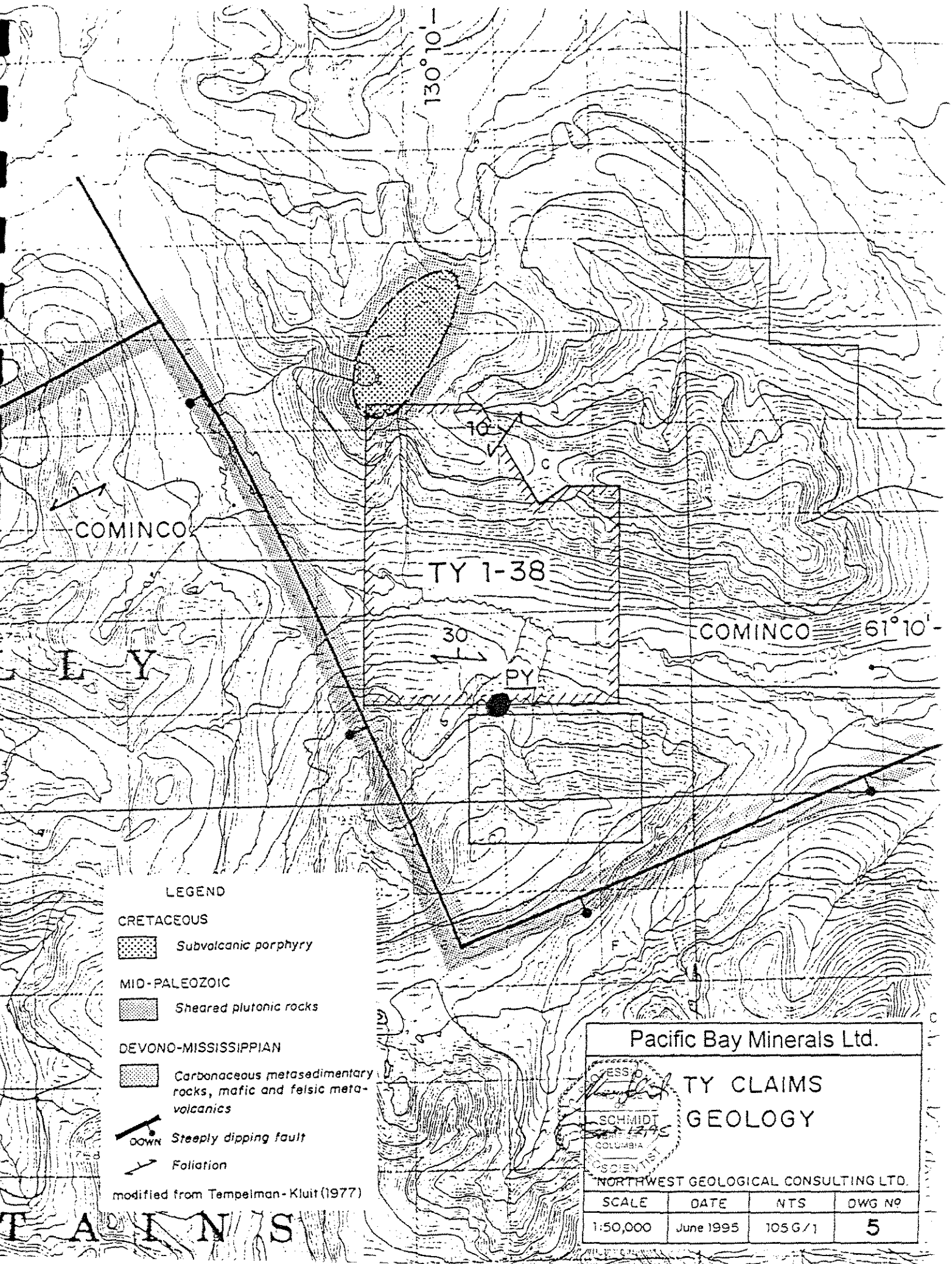
The area was restaked as the Lion claims in 1988 by Northern Dynasty Explorations Ltd., to cover regional stream sediment gold and arsenic anomalies released by the G.S.C. (O.F.1648). Limited stream sediment sampling, rock sampling and mapping carried out during one day of field work, failed to locate the source of the gold anomaly.

The southern half of the original PY property is presently covered by the Wawa claims and the northern half is covered by the TY claims.

Property Geology

The property is underlain by schists and gneisses of Mortensen's middle structural assemblage (Nasina). Tempelman-Kluit (1977) shows these rocks dipping gently to the northwest.

A small plug of Cretaceous subvolcanic porphyry is mapped at the northwest corner of the


130° 10'
61° 10'
COMINCO
TY 1-38
COMINCO
PY
C
F
LEGEND
CRETACEOUS
Subvolcanic porphyry
MID-PALEOZOIC
Sheared plutonic rocks
DEVONO-MISSISSIPPIAN
Carbonaceous metasedimentary rocks, mafic and felsic meta-volcanics
DOWN
Steeply dipping fault
Foliation
modified from Tempelman-Kluit (1977)
Pacific Bay Minerals Ltd.
TY CLAIMS
GEOLOGY
SCHMIDT
COLUMBIA
NORTHWEST GEOLOGICAL CONSULTING LTD.
SCALE
1:50,000
DATE
June 1995
NTS
105 G/1
DWG Nº
5

claims. South of the property, Nasina assemblage rocks are bordered by mid Paleozoic sheared plutonic rocks along steeply dipping faults.

Cyprus Anvil geologists described a gradational sequence of quartz-mica schists and quartzite at the north end of the property. The main units of interest were pyritic, quartz-feldspar-sericite schist and quartz augen sericite schist. Mineralization occurs in float and in iron-stained outcrops of quartz-sericite schist located along the lower elevations of two north flowing creeks. Several pyritic layers containing up to 15% coarse pyrite over a 30 cm thickness crop out in a 12 metre thick section of quartz-sericite schist. Chalcopyrite, sphalerite and rare galena occur in these pyritic bands and in quartz veins that are parallel and crosscut foliation. Cyprus Anvil Mining Corporation obtained an assay of 0.98% Zn, 0.20% Pb and 0.03% Cu from this pyritic mineralization.

Angular float of pyritic quartz-sericite schist, containing chalcocite, were found within the strongest copper soil geochemical anomalies. Analyses of this mineralization returned concentrations of up to 0.24 % Cu.

The writer examined the property on June 23, 1995 and confirmed earlier mapping by traversing the southern end of the property and examining gossaned exposures of sericite schist and chloritic schists in two north flowing creeks. Structural measurements taken in the western creek indicate an east-west strike and a moderate north dip (115° /35°N) of the local lithologies.

Conclusions

The TY claims cover the northern half of the former PY property. Highly anomalous copper soil geochemical anomalies, outlined by Cyprus Anvil Mining, are located on the southern half of the claims and extend southward on to the adjacent Wawa claims. Lithologies examined, are in the writer's opinion metavolcanic rocks which may be associated with Kuroko-style mineralization. The favourable metavolcanic stratigraphy crops out along the border of the TY and Wawa claims and dips northward at a steeper angle than topography. This suggests good exploration potential for VMS mineralization on the property.

Recommendations

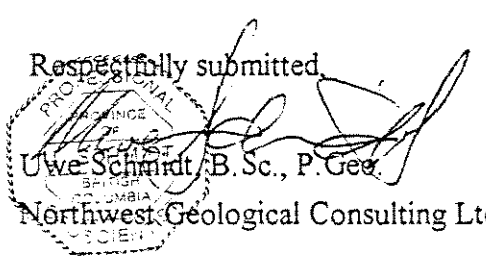
A program of airborne geophysical surveys, grid soil sampling, mapping and prospecting is recommended to explore the TY claims. The program should commence with a helicopterborne E.M. and high sensitivity magnetic survey flown at a spacing of 100 metres in a north-south direction across the claims. This type of survey provides the most cost-effective method of covering the property and may provide targets that require immediate ground follow-up or at the least provide valuable sub surface mapping information. Following the airborne survey, a ground evaluation should commence with a rudimentary claim survey to confirm the approximate limits of the property. This survey can be carried out in conjunction with claim post tagging which is required by Yukon staking regulations. A grid should be established with an east-west trending baseline near the centre of the claims. Soil sampling should be conducted at an initial sampling interval of 100 metres, along cross-lines spaced at 100 metres. Sampling should commence above the valley floor to avoid deep glaciofluvial sediments. A 30 element ICP analysis and additional analysis for gold and barium are recommended.

Geological mapping and prospecting should concentrate on tracing the favourable metavolcanic rocks northward across the valley. There is no outcrop known in the centre of the property and mapping at the north end of the property is required to help sort out differences in attitudes observed by the writer and those shown on government maps.

A two staged program of exploration is recommended. Phase 1, is based on a field crew of one geologist and two field assistants, operating from a fly camp on the property and is estimated to cost $85,000.

A phase 2 program of 600 metres of diamond drilling is recommended, contingent on favourable phase 1 results. This program is estimated to cost $96,000, for a total estimated cost of $181,000.

Respectfully submitted,



Uwe Schmidt, B.Sc., P.Geo.
Northwest Geological Consulting Ltd.

September 12,1995
Port Moody, B.C.

Estimate of Cost

Phase 1

Helicopterborne Electromagnetic and High sensitivity Magnetic Survey

-100 line-km, all in cost.....14,000

Mobe/Demobe.....7,500

Claim Survey, Tagging, Line-Cutting.....5,000

Geochemistry

-30 element ICP & Au by AA & Ba approximately 800 samples.....11,000

-Labour.....7,500

Mapping 6,500

Room and Board.....4,500

Helicopter and Aircraft Charter.....12,000

Vehicle Rental.....1,500

Fuel and Consumables.....4,000

Camp and Small Equipment Rental.....2,500

Supervision, Report Writing, Drafting and Reproduction.....9,000

Total Phase 1.....$85,000

Phase 2

Diamond drilling: 600 metres @ $160/metre.....$96,000

-including supervision ,assay and reporting

Total Phase 2.....$96,000

Program Total.....$181,000

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Westmin, 1994 Annual Report

Appendix A

Certificate of Qualifications

I, Uwe Schmidt, of 656 Foresthill Place, Port Moody, B.C., do hereby declare:

1) I am an independent consulting geologist and president and controlling shareholder of Northwest Geological Consulting Ltd.

2) I am a 1971 graduate of the University of British Columbia with a B.Sc. degree in Geology.

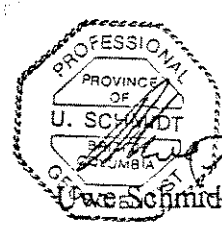
3) I have practised my profession continuously since graduation. During this time I spent 10 field seasons managing mineral exploration programs in Yukon. My previous experience in the vicinity of this property includes 2 field seasons of regional exploration and parts of 3 field seasons managing property scale exploration projects.

4) I am a Fellow of the Geological Association of Canada and a member of the Association of Professional Engineers and Geoscientists of British Columbia.

5) This report is based on a study of available public reports and a field examination of the property.

6) I have no interest, nor do I expect to receive any interest, direct or indirect, in the securities or properties of Pacific Bay Minerals Ltd.

7) I consent to the use of this report in or associated with regulatory filing by Pacific Bay Minerals Ltd.



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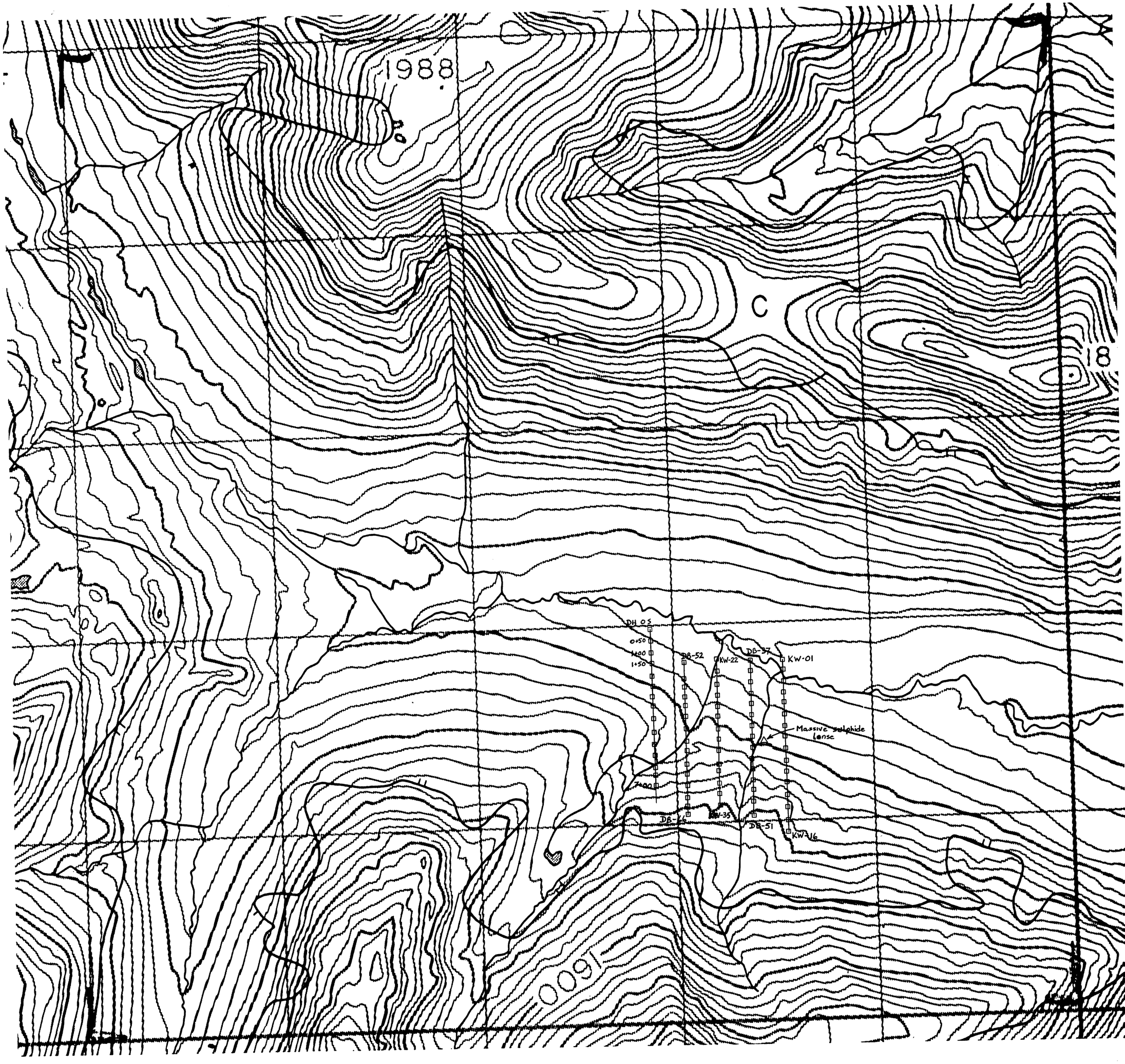

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KW-01

Soil Line with soil sample location

093430

TY CLAIMS

Soil Sample Location Map

Scale: 1:10,000

NTS: 105G/1

Date: March 27/95

G.L. Wesa

DWG 1