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14060
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HAGAS GROUP GEOCHEMICAL ASSESMENT REPORT
On
HEAVY MINERALS in DRILL CORE and SOILS

OMINECA M.D.
93L/2W,3E

54°08'N 127°00'W

for Owner & Operator
PETROSTONE RESOURCES LTD.
Vancouver, B.C.

Vancouver, B.C.
October, 1985.

S. Zastavnikovich
Geochemist/Consultant

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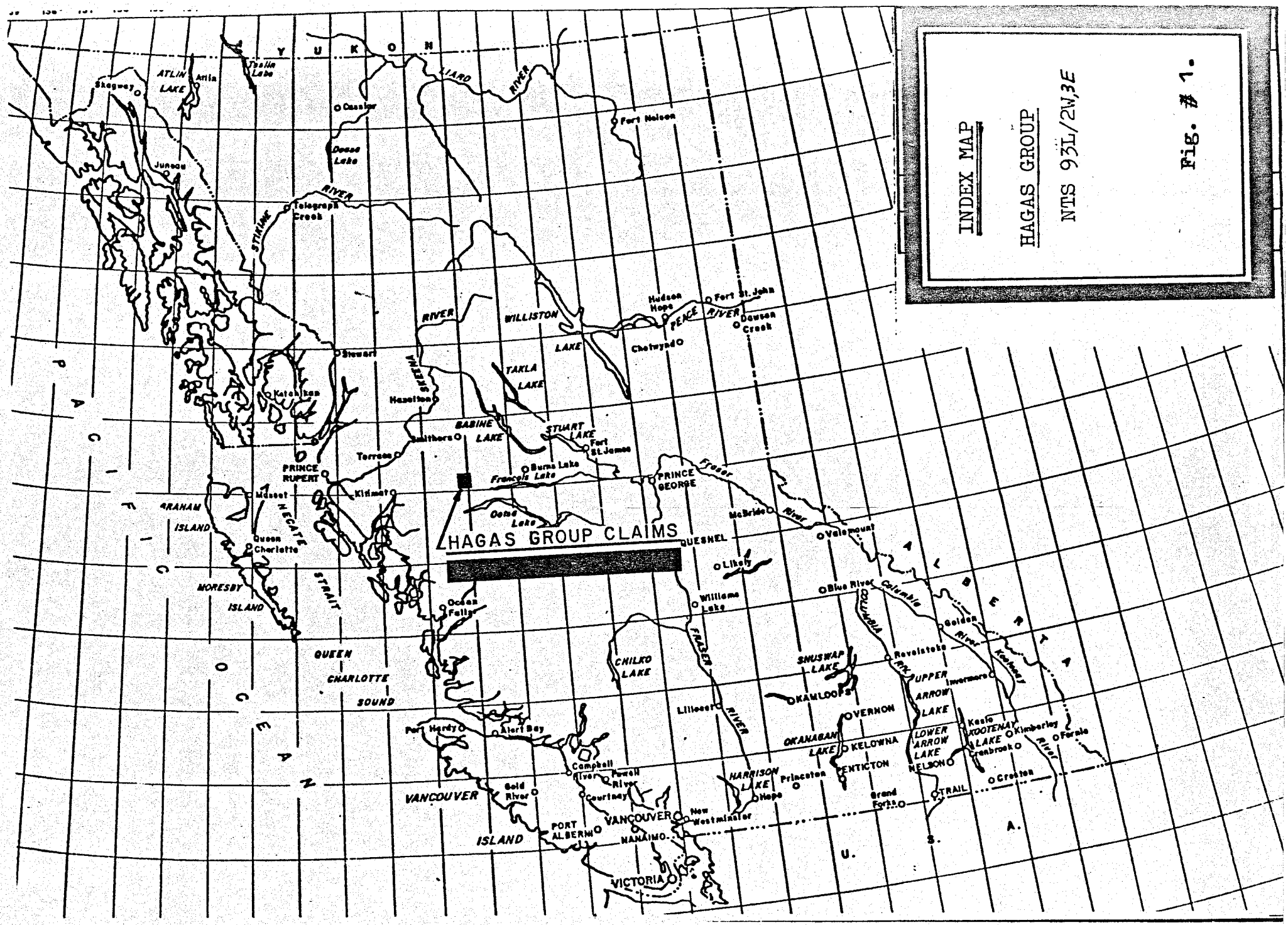
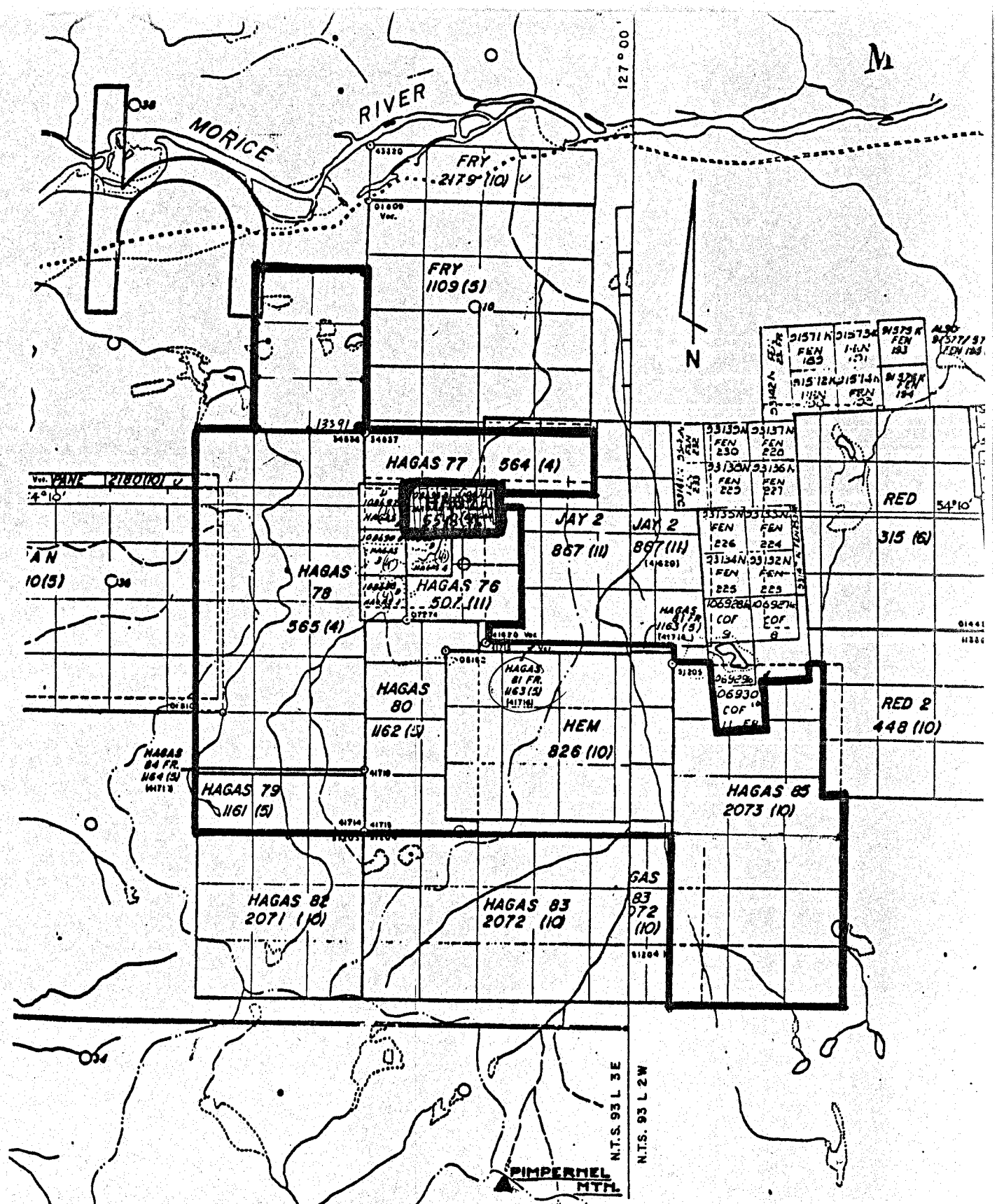

INDEX MAP
HAGAS GROUP
NTS 93L/2W,3E
HAGAS GROUP CLAIMS
YUKON
PACIFIC OCEAN
ATLIN LAKE
Atlin
Skagway
Juneau
Teslin Lake
Dease Lake
Telegraph Creek
STIKINE RIVER
LIARD RIVER
Fort Nelson
Stewart
Hazelton
Kitwanga
Smithers
Terrace
PRINCE RUPERT
Kitimat
Masset
GRAHAM ISLAND
Queen Charlotte
MORESBY ISLAND
NEGATE STRAIT
QUEEN CHARLOTTE SOUND
Ocean Falls
BABINE LAKE
TAKLA LAKE
STUART LAKE
Fort St. James
Burns Lake
Francois Lake
Ootsa Lake
WILLISTON LAKE
Hudson Hope
Chetwynd
PEACE RIVER
Fort St. John
Dawson Creek
PRINCE GEORGE
Fraser River
McBride
Valemount
QUESNEL
Likely
Williams Lake
Blue River
Columbia River
Golden
Revelstoke
Kootenay River
CHILKO LAKE
FRASER RIVER
SHUSWAP LAKE
KAMLOOPS
Lillooet River
OKANAGAN LAKE
VERNON
KELOWNA
PENTICTON
UPPER ARROW LAKE
LOWER ARROW LAKE
NELSON
Kaslo
KOOTENAY LAKE
Cranbrook
Kimberley
Fernie
Invermere
Princeton
HARRISON LAKE
Hope
Grand Forks
TRAIL
Creston
Port Hardy
Alert Bay
Campbell River
Powell River
Courtney
Gold River
VANCOUVER ISLAND
PORT ALBERNI
NANAIMO
VICTORIA
VANCOUVER
New Westminster
U.S.A.

Fig. #1.



CLAIM MAP

HAGAS CLAIMS GROUP

NTS 93L/2W, 3E

Fig. # 2.

HAGAS GROUP GEOCHEMICAL ASSESMENT REPORT

On

HEAVY MINERALS in DRILL CORE and SOILS

Omineca M.D., North - Central B.C.

INTRODUCTION & DESCRIPTION

The Hagas Claims Group, containing a total of 79 units, consisting of the Hagas 1,3,4,5 (1 unit each), Hagas 76,77 (4 units each), Hagas 78 (18 units), Hagas 79 (3 units), Hagas 80 (8 units), Hagas 81,84 fractions, Hagas 85 (8 units), Hem (12 units) and Frost (6 units) claims, is located in the central interior British Columbia, just south of the Morice River and 3.5 km due north of Pimpernel Mountain, some 40 km southwest of Houston, as shown on the Index and Claim Location Maps (Fig. #1 &. 2).

Most of the Hagas claims were staked in the early seventies in the Mt. Nadina area, known for its massive-sulfide potential, such as the Goosly deposit some 50 km to the east. To date, air-borne electromagnetic surveys and ground geophysical followup, as well as minor test drilling, has been conducted on the Hagas group of claims. In an effort to identify possible geochemical trace methods of the previously located geophysical EM conductors on the property, an initial heavy-minerals soil sampling survey was conducted by the writer last year. This report presents the geochemical results of the partial followup soil sampling done this Summer on several gold anomalies in soils, and of systematic sampling of the drill core from DDH 77-1, (Fig. #3, in pocket).

Access to the property is from Houston via the Morice River road (42 km), then by good logging road for 3 km southeasterly. The Morice River road is an all weather, two lane gravel road maintained in good condition.

GENERAL GEOLOGY

The general geology of the claims area, as shown on the geochemical base map (Fig. #3, in pocket), was copied from the latest available 1976 GSC geology map by H.W.Tipper and a compilation map in a Qualifying 1982 Report by V.R.Hardy, which shows the western half of the Hagas group to be underlain by the Jurassic Hazelton Group volcanics, which are intruded in the north-western portion of the claims group by a small, less than 1 km wide, body of gabbro. The eastern half of the claims is underlain by the Eocene Buck Creek volcanics, which are the youngest rocks on the property.

The younger volcanics are fresh, dark green, aphanitic andesite flows with characteristic brown weathering, while those of the older Hazelton group are maroon and grey pyroclastic andesite and rhyolitic ash flow tuffs, moderately altered with some areas of intense epidotization and chloritization. The gabbro plug is considered to be mineralogically similar to the gabbros on the Equity Silver Mines' Goosly property to the east. Sulfide mineralization, including pyrite, is sparse in outcrops, but more common in a few several infrequently observed silicious floats. The upper third of the drill hole 77-1 is predominantly mostly intermediate, dacitic to andesitic tuffs, followed by a short interval of trachy-andesitic and dacitic flows, with the bottom half being massive to porphyritic andesite.

The claims are covered throughout by a varying thickness of glacial till, and mostly lacking in outcrop exposures, while the several creeks draining this area of moderate relief are mostly dammed by beavers, resulting in poor drainage and extensive swamps in the central portion of the claim group.

GEOCHEMICAL SURVEY

The main purpose of the present geochemical program was to sample the entire lenght of core from Diamond Drill Hole 77-1 at 3.05 m (10 feet) intervals for geochemical analysis, which yielded 47 composite rock samples. In addition, four gold anomalies in the H.M. fraction obtained in the previous year's soil survey were followed up by five soil samples each, taken at ten meter intervals, resulting in a total of 20 samples. Five rusty, silicious float samples were also picked up in the area of the soil sampling.

Both rock and soil samples were processed by heavy liquid separation at the Min-En Laboratory in N.Vancouver, and the heavy minerals, as well as the standard -80 mesh fraction, analyzed for 32 elements by ICP plus mercury, total barium and geochemical fire-gold, using standard geochemical methods described, together with the heavy mineral-processing procedure, in Appendix III at the back of the report. Complete analytical results are directly inscribed on the geochemical 1:9,000 scale sample location map (Fig. #3, in pocket), as well as being enclosed at the back of the report.

The multielement analysis indicates excellent correlation between the -80 mesh fraction and the heavy minerals, particularly in the rock samples. In both fractions most of the trace elements respond well to the indications of sulfide mineralization as outlined in the drill core logs, while some of the minor elements correlate well with lithological variations. Except for several tiny fracture zones carrying gold up to 315 ppb Au, the DDH 77-1 did not intersect gold-bearing structures.

Rock Geochemistry -

As indicated by the analytical results presented on the geochemical map (Fig.3, in pocket), the geochemical values in the -80 mesh whole-rock fraction are highly correlative with those in the heavy minerals fraction, allowing for the four to ten-fold enhancement for most elements. Among the trace and minor elements analyzed for by the ICP, several groupings well indicate sulphide mineralization and lithological variations as outlined in the drill logs for DDH77-1 presented in the table below:

Table I. Drill Log D.D.H. 77 - 1 *

Depth, meters	Description	Mineralization
0 - 11.6	Casing	
11.6- 18.9	Andesite tuff	-12-14m, pyrite veinlets
18.9- 39.0	And. lapilli tuff	-py dissem. throughout
39.0- 46.9	Dacitic tuff	-py string.s & on joints -42-44m, py cement
46.9- 53.0	Trachy-Andesitic flow	
53.0- 56.7	Dacitic flow	
56.7- 77.7	Andesitic flows, massive	
77.7- 80.8	Fragmental andesite	
80.8-101.3	Porphyritic andesite	
101.3-126.2	Andesite	-115m, 5cm hematite gouge
126.2-154.6	Porphyritic andesite	

* Ref. Assesment Drilling Report #06658, 1977, Aquitaine Co.

The DDH77-1 is located in the central southern area of the Hagas 77 mineral claim, at the western edge of the major swampy valley transecting the Hagas group northeasterly, as shown on map Fig.3, in pocket. The drill hole strikes 135° southeast and has a 60° dip.

Compared to the basic volcanics in the bottom half of the hole, the intermediate volcanics above 68m. are highly enriched in the trace elements arsenic and mercury, and zinc & manganese in the heavies, while being depleated in trace and minor elements aluminum, boron, copper, sodium, strontium, plus magnesium & vanadium in the -80 mesh fraction. As well, trace elements As, Cd, Cu, Mo, Pb, Sb, Zn, and Hg are highly responsive to concentrations of sulphide mineralization, mainly as pyrite, and to siliceous veinlets in the upper third of the hole

drill hole, while these plus silver, barium and bismuth are indicative of hydrothermally deposited alteration minerals in fracture zones throughout the core. Since the drill hole did not intersect sufficiently gold-enriched zones, no correlation of gold values with those of the trace elements is possible. Rather than composite core sampling over a fixed interval as was done in this survey, selection of the most favorable features such as mineralization or silicification in the drill core would likely yield higher, though not representative, gold values.

Soils Geochemistry -

Four separate soil sample sites anomalous in gold in the heavy mineral fraction (no comparative -80 mesh fraction analysis had been done) were selected for orientation followup. The original gold values ranged from 190 to 585 ppb Au, but were not attended by anomalous trace elements. Centered on each anomalous sample site, five soil samples of the B horizon were taken at 10 m intervals. Both the heavy minerals and the -80 mesh fractions were analyzed.

As the analytical results shown on the geochemical sample location map (Fig.3, in pocket) indicate, the anomalous gold values were well repeated in the H.M. fraction at the original or neighbouring sites, ranging from 400 to 1500 ppb Au, while the -80mesh had only background gold. Both fractions had mostly background trace elements, though samples # 2493, 2409, and 2251 are enriched in arsenic and cadmium, suggesting proximity to pyrite-bearing bedrock.

Since the gold values stand alone, unsupported by the trace element geochemistry, the gold is likely present as free gold in the overburden rather than in secondary iron oxides leached out of nearby mineralized outcrops.

CONCLUSIONS

1. Sufficient correlation in trace element geochemical values exits in the -80 mesh whole rock and the heavy minerals fractions of the drill core samples that only the former need be utilized for systematic sampling, while the latter is needed for detailed sampling, especially for gold.

2. The multi-trace element analysis by ICP is not only useful for delineation of mineralized environments, but of lithological variations as well.

3. While lone gold anomalies in the heavy minerals fraction in soils were well repeated, the coincident gold and trace element anomalies elsewhere on the property are more likely to lead to mineralized bedrock.

APPENDICES

APPENDIX I

STATEMENT OF EXPENDITURES

Hagas Group Claims

Geochemistry -

Salaries-	S. Zastavnikovich, Geochemist July 16-19, 4 days @ 250/day	1,000.00
Food-	4 man-days @ 25/day	100.00
Travel-	Motel, 3 nights	87.60
	Vehicle, 4x4 truck, 4 days x 35	140.00
	Gas (119.86) & mileage (2240km@10¢)	423.86
	Field supplies, maps, bags	45.00

Analysis -

52 Rocks for Hg, fire Au, 31 ICP & prep @ 21.00 per sample	1,092.00
52 Rocks for Hg,Au,Ba,31ICP, & H.M. prep @ 40.75 per sample	2,119.00
20 Soils for Hg, Au, 31 ICP, & prep @ 17.35 per sample	347.00
20 Soils for Hg,Au, Ba, 31ICP, & H.M. prep @ 40.75 per sample	815.00

Report Preparation-

Writing, drafting, filing, 2½ days @ 200	500.00
Report typing	70.00
Map reproduction, Report duplication	65.00
Recording, repro., trips 85km @ 20¢ &parking	20.00

Total Expenditures, $ 6,824.46

APPENDIX II

STATEMENT OF QUALIFICATIONS

I.- Sam Zastavnikovich, do hereby certify that:

1. I am a graduate of the University of Alberta with the Degree of B. Ed. in Physical Sciences, 1969.

2. I have been a practicing exploration geochemist with Falconbridge Ltd. of Toronto and Vancouver for thirteen continuous years as:

   1969-1975: Field geochemist, international.
   1975-1979: Project geologist-geochemist, B. C.
   1979-1982: Exploration geochemist, worldwide, where I was engaged in all aspects of geochemical exploration, including research and development of improved sampling techniques, and advanced geochemical interpretation, as well as the writing of final, budget, and assessment reports.

3. I am a voting member of the Association of Exploration Geochemists.

4. I am a consulting geochemist with offices at 5063 - 56th. St., Delta, B. C.

S. Zastavnikovich,
Expl. Geochemist

APPENDIX III.

Analytical Procedure - The samples were analyzed by Min-En Laboratories Ltd. of 705 West 15th St., N.Vanc, as follows:

The stream sediments were oven-dried in their original water-resistant kraft paper bags at 95°C and screened to obtain the minus 80 mesh fraction for analysis. The rock samples were crushed and pulverized in a ceramic-plated pulverizer.

A suitable weight og 5.0 or 10.0 grams is pretreated with HNO_3 and $HClO_4$ mixture.

After pretreatment the samples are digested with Aqua Regia solution, then taken up with 25% HCl to suitable volume and aliquot used for the 26 element ICP trace element analysis.

From the major remaining portion of the sample, Gold is preconcentrated by standard fire assay methods, then extracted with Methyl Iso-Butyl Ketone and analyzed by Atomic Absorption.

For Mercury analysis, 1 gram of sieved material is sintered at 90°c for 4 hours, then digested in HNO_3 and HCl acids mixture, and analyzed by the Hatch and Ott flameless AA method.

PHONE: (604) 980-5814 or 988-4524

APPENDIX III

TELEX: 04-3528

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

ASSESSMENT REPORT FOR:

HEAVY MINERAL SAMPLING AND CONCENTRATIONS

A large sample is collected from stream sediments or soils big enough to yield a minimum of 0.5 kg of the desired minus fraction. After sieving through any of the sieve mesh sizes they are adapted for the survey. After seiving the samples, the minus fraction is grinded to -80 mesh.

Then 0.4 kg of sample is weighed into a suitable centrifuge containers. The prepared concentrations of liquids are added to obtain a 3.1 specific gravity flotation.

The heavy fractions are then washed cleaned and dried. After drying the samples they are separated . The sink float Heavy Minerals are separated into Magnetic and Non Magnetic fractions and both fractions are weighed. The percent of the Magnetic and non Magnetic fractions are calculated and reported with the analytical data.

The analysis are than carried out in the ususal analytical manner by I.C.P. or A.A. method.

APPENDIX IV.

1. Analytical Results

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE:(604)980-5814 OR (604)988-4524 TELEX: 0

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: SAM ZASTAVNIKOVICH
PROJECT: HAGAS CLAIMS
ATTENTION: SAM ZASTAVNIKOVICH

FILE: 5-436/P1
DATE: SEPT.10/85.
TYPE: HEAVY MINER

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	HG PPB	AU PPB	TOTAL-BA PPM	HM %
2201	7000	45	450	3.03
02	2675	20	420	3.10
03	1095	5	700	4.30
04	4050	15	340	4.76
05	4165	10	300	3.07
06	5900	5	320	3.45
07	10100	5	210	5.83
08	19100	5	290	2.24
09	2720	10	400	2.79
10	8000	100	400	5.86
11	16600	5	480	6.20
12	3100	15	8700	6.98
13	8150	5	13200	3.97
14	720	10	810	10.29
15	5050	5	900	4.41
16	8500	10	2350	3.53
17	3750	5	9500	5.48
18	3570	15	1500	3.93
19	375	30	500	.90
20	305	5	600	6.23
21	160	5	400	13.98
22	215	35	470	3.66
23	60	10	300	11.06
24	85	5	670	5.62
25	50	5	470	18.86
26	80	10	600	2.66
27	240	5	800	3.10
28	65	5	390	3.61
29	150	10	500	.53
2230	175	15	1100	1.24

Certified by

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2
PHONE: (604)980-5814 OR (604)988-4524

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: SAM ZASTAVŇIKOVICH
PROJECT: HAGAS CLAIMS
ATTENTION: SAM ZASTAVNIKOVICH

FILE: 5-436
DATE: SEPT.
TYPE: HEAVY

We hereby certify that the following are the results of the geochem analysis made on 22 samples submitted.

SAMPLE NUMBER	HG PPB	AU PPB	TOTAL-BA PPM	HM %
2231	70	50	290	1.38
32	60	15	200	6.84
33	55	5	200	6.99
34	110	20	600	.95
35	70	5	210	12.85
36	65	315	230	2.79
37	60	25	210	2.75
38	40	5	240	9.42
39	45	10	300	4.58
40	175	10	15000	.60
41	115	5	670	.53
42	75	5	410	4.35
43	75	150	600	.62
44	60	5	220	3.45
45	40	10	210	9.67
46	35	5	300	16.56
2247	55	5	290	22.30
1747	65	10	340	3.31
48	35	5	250	33.11
1749	200	15	10	48.41
0992	NES	25	NES	.13
0993	NES	30	NES	.13

Certified by _____

COMPANY: SAM ZASTAVNIKOVICH | MIN-EN LABS ICP REPORT | (ACT:GE027) PAGE 1 OF 3

PROJECT NO: HAGAS CLAIMS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 5-436HH/P1+2

ATTENTION: SAM ZASTAVNIKOVICH | (604)980-5814 OR (604)988-4524 | * TYPE HEAVY MINERALS * | DATE:SEPT 10, 1985

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
2201	2.0	2810	4591	13	45	9.4	30	52350	3.0	22	40	149940
2202	2.0	6940	240	18	56	7.1	27	74070	1.9	26	149	130500
2203	1.8	5940	124	18	197	8.3	30	51920	2.3	33	110	142650
2204	2.0	7360	554	19	54	9.4	30	48330	.3	32	92	146410
2205	1.8	2950	2996	14	42	8.8	30	53200	4.4	26	49	151930
2206	2.1	6760	816	20	61	10.2	33	29570	6.0	29	26	164970
2207	2.1	7810	860	20	68	11.3	35	27500	5.1	37	23	176460
2208	1.6	2320	6760	11	32	9.4	30	37720	10.3	16	69	150170
2209	1.9	3750	460	16	43	8.8	30	58810	3.0	27	16	148620
2210	1.8	5900	4522	17	47	8.9	29	53820	10.0	29	58	141550
2211	1.6	6290	12909	17	39	10.9	35	18520	35.4	30	226	172040
2212	2.4	6500	2776	22	41	12.3	39	21570	5.0	18	137	199010
2213	2.1	6080	3078	17	33	9.4	35	43050	4.9	25	376	163870
2214	2.0	2910	269	16	160	10.8	34	20460	.4	47	56	169610
2215	2.6	6470	5427	19	38	12.5	39	14110	11.2	37	86	196350
2216	2.3	5390	4416	19	38	12.7	44	12890	6.9	31	788	202760
2217	2.6	6150	1301	21	45	12.8	41	16440	4.2	37	122	220220
2218	2.5	6800	1376	20	57	11.8	38	11670	3.9	53	177	189280
2219	2.2	27550	152	39	121	10.3	45	17420	2.5	35	1336	146920
2220	1.2	41080	94	50	162	2.8	28	39550	2.1	16	1138	72380
2221	1.0	25210	16	30	34	1.2	20	25840	2.2	10	550	56020
2222	2.5	53830	97	65	101	3.5	51	45940	1.3	22	3460	86740
2223	.9	125230	1	72	25	3.2	32	65550	7.3	21	1224	96910
2224	.8	38260	64	53	58	4.2	19	40640	2.7	11	200	73920
2225	.5	26290	16	32	35	1.8	11	25290	3.0	11	118	44970
2226	2.2	26420	1	39	48	3.8	67	22260	.1	15	3868	120770
2227	2.5	23700	57	44	73	9.5	40	12520	.1	19	241	180660
2228	1.4	43400	92	68	74	6.0	36	37670	2.7	18	1697	94250
2229	3.7	27980	69	48	70	7.1	92	46940	3.1	22	5833	120400
2230	3.3	18690	79	39	66	11.4	71	9680	.1	21	3014	206770
2231	3.8	27410	57	38	105	6.2	112	16410	1.5	17	9036	120330
2232	1.7	24020	1	30	22	1.6	44	32010	.7	21	2083	89830
2233	1.7	44550	1	54	23	3.1	38	33710	.5	22	1247	109500
2234	13.6	31740	65	41	142	7.0	110	22500	1.3	24	7694	133880
2235	4.1	28160	27	34	24	2.6	42	24840	3.2	16	2976	58890
2236	3.0	25320	1	37	31	1.9	70	33430	1.5	11	4800	77900
2237	1.8	36650	28	49	28	3.7	35	37890	1.6	14	1130	97350
2238	2.1	33910	2	45	17	2.6	37	31580	2.0	16	1710	81220
2239	1.9	37980	37	56	18	2.8	35	33710	2.9	13	1962	64200
2240	3.9	18250	94	44	5019	13.1	63	26550	2.0	22	1700	186140
2241	3.6	13830	112	36	98	18.0	83	5760	.6	19	1914	255730
2242	1.3	29690	38	36	36	5.1	24	28250	2.7	14	424	83870
2243	2.8	16980	168	48	126	21.3	62	46480	.6	21	381	270990
2244	1.5	44600	19	61	23	2.5	31	46400	1.3	13	1123	86740
2245	1.3	60780	82	77	22	3.8	30	52170	2.6	23	1296	77680
2246	.6	26690	40	35	16	2.0	12	29180	3.7	5	446	34590
2247	1.0	36700	48	44	21	2.5	20	35400	3.5	12	850	46520
1747	2.4	10390	68	33	63	11.7	40	45260	1.5	29	167	198120
1748	1.0	23500	1	25	8	.3	19	35260	.8	2	157	69060
1749	9.2	17960	105	18	9	.3	446	31720	1.2	1	32129	135140
0992	4.7	10970	346	9	79	13.7	176	10320	1.0	14	10089	178420
0993	2.0	8830	207	1	79	9.1	69	7250	5.4	9	2626	112960

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
2201	270	2	16940	2539	19	110	8	90	69	75	88	1
2202	640	5	23100	3291	13	250	11	100	60	34	128	1
2203	400	5	19170	2846	14	190	16	190	61	30	119	1
2204	550	5	18440	3242	16	190	15	100	76	36	88	1
2205	240	2	17590	3233	18	170	9	220	67	71	85	1
2206	400	5	15390	4069	18	160	9	480	73	39	80	1
2207	500	5	14450	4084	19	160	12	430	78	39	76	1
2208	140	2	12350	2039	22	100	8	620	87	126	50	1
2209	410	3	20730	3552	15	140	9	680	69	31	74	1
2210	660	4	17260	2827	21	200	13	230	81	85	95	1
2211	650	6	7590	1275	36	70	18	90	100	256	54	1
2212	750	5	14280	4463	26	130	4	280	82	76	62	1
2213	470	3	15210	3496	20	100	18	120	71	74	50	1
2214	350	3	15800	4807	18	130	76	80	70	32	67	1
2215	370	5	10010	4947	25	120	6	280	106	101	66	1
2216	300	5	10670	4272	23	180	3	220	75	94	58	1
2217	340	4	13050	5656	22	210	1	170	75	49	68	1
2218	310	5	12620	5864	21	210	5	320	83	51	66	1
2219	410	14	20760	3294	17	110	15	140	81	28	100	1
2220	160	9	10910	1006	7	60	9	160	40	10	109	1
2221	210	5	6450	647	4	70	10	190	22	4	132	1
2222	240	15	15660	1394	9	90	11	200	45	14	133	1
2223	170	9	13570	1171	7	130	11	70	18	1	73	1
2224	640	6	6180	917	8	280	13	330	53	12	235	1
2225	380	5	6070	622	4	270	20	500	33	4	176	1
2226	320	11	10370	981	8	510	6	290	29	10	155	1
2227	550	13	10500	765	17	560	4	680	66	24	108	1
2228	350	10	11880	1534	12	290	14	230	66	18	288	1
2229	310	10	17260	2011	13	380	10	200	64	18	130	1
2230	390	12	11180	837	19	320	2	530	67	29	82	1
2231	300	13	12140	921	12	140	10	240	60	20	150	1
2232	80	4	7110	409	5	150	3	120	37	5	174	1
2233	110	14	15060	859	8	120	3	180	29	10	180	1
2234	320	14	16270	1076	13	190	9	300	62	22	171	1
2235	250	10	10310	852	6	60	11	240	40	9	166	1
2236	200	6	7780	599	5	120	5	200	28	7	182	1
2237	100	7	10170	895	8	260	8	150	42	11	192	1
2238	160	8	10420	828	6	70	10	170	31	8	176	1
2239	210	9	10170	943	7	100	13	130	44	10	235	1
2240	1600	14	11900	1058	20	270	10	710	89	30	110	1
2241	1060	6	11030	614	27	490	9	1010	105	38	80	1
2242	430	5	7700	749	8	140	9	200	52	13	147	1
2243	1180	7	13130	2188	31	140	8	50	116	51	149	1
2244	110	5	9550	1132	7	140	9	160	32	10	203	1
2245	170	11	16250	1486	10	80	17	280	53	16	145	1
2246	280	3	4060	632	4	50	12	240	39	7	179	1
2247	240	8	7970	814	6	110	17	310	45	8	229	1
1747	270	31	15150	3516	20	180	14	320	75	33	127	1
1748	30	1	1190	263	3	30	2	90	10	1	319	1
1749	110	1	1130	175	2	20	3	1000	8	13	338	1
0992	440	1	4300	410	349	180	21	800	142	35	123	1
0993	340	3	4730	361	115	190	1	410	84	18	60	3

COMPANY: SAM ZASTAVNIKOVICH
PROJECT NO: HAGAS CLAIMS
ATTENTION: SAM ZASTAVNIKOVICH

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:GEO27) Pa
FILE NO: 5-4
* TYPE HEAVY MINERALS * DATE:SEPT

(VALUES IN PPM)	U	V	ZN	GA	GE	SE	SN	W
2201	1	109.2	165	2	14	1	8	7
2202	1	147.6	154	5	13	1	7	5
2203	1	234.4	122	6	13	1	8	6
2204	1	185.1	240	8	16	1	9	8
2205	1	138.4	172	5	15	1	10	6
2206	1	168.4	253	6	19	1	12	7
2207	1	233.0	306	8	20	1	12	8
2208	1	114.6	267	6	15	1	10	8
2209	1	145.4	241	6	16	1	10	7
2210	1	146.6	225	9	16	1	10	9
2211	1	87.0	210	5	16	1	14	5
2212	1	141.0	194	8	22	1	16	4
2213	1	200.6	292	8	16	1	11	7
2214	1	242.6	244	8	21	1	11	7
2215	1	194.3	229	8	23	1	16	6
2216	1	178.6	613	2	20	1	13	9
2217	1	252.4	459	3	21	1	14	4
2218	1	253.9	803	10	24	1	16	13
2219	1	252.1	193	11	19	1	7	16
2220	1	147.7	73	4	1	1	1	8
2221	1	93.6	42	1	1	1	1	2
2222	1	220.1	106	6	1	1	1	13
2223	1	189.8	42	1	1	1	1	1
2224	1	159.1	49	6	3	1	1	12
2225	1	85.4	38	1	1	1	1	6
2226	1	304.9	85	1	1	1	1	1
2227	1	439.2	93	1	5	1	7	4
2228	1	264.4	105	13	8	1	5	15
2229	1	317.7	102	5	9	1	2	12
2230	1	791.0	92	3	8	1	8	4
2231	1	356.3	87	1	4	1	4	6
2232	1	167.8	24	1	1	1	1	1
2233	1	242.3	71	1	1	1	1	1
2234	1	469.6	104	1	5	1	1	8
2235	1	149.2	77	3	2	1	1	6
2236	1	149.8	40	1	1	1	1	1
2237	1	255.1	52	1	1	1	1	5
2238	1	155.9	56	1	1	1	1	1
2239	1	153.7	63	4	1	1	1	8
2240	1	497.4	104	1	15	1	5	8
2241	1	685.3	81	1	13	1	5	11
2242	1	185.2	74	4	4	1	1	6
2243	1	615.0	88	9	24	1	11	14
2244	1	216.8	71	1	1	1	1	3
2245	1	192.9	121	9	3	1	2	14
2246	1	104.9	29	7	2	1	1	6
2247	1	116.2	52	7	3	1	1	10
1747	1	212.6	74	8	18	1	14	2
1748	1	120.3	8	1	1	1	1	1
1749	1	111.7	1	1	1	1	1	1
0992	1	178.3	124	1	12	1	2	17
0993	1	129.9	184	1	5	1	1	1

COMPANY: SAM ZASTAVNIKOVICH — MIN-EN LABS ICP REPORT — (ACT:GEO27) PAGE 1 OF 3

PROJECT NO: HAGAS CLAIMS — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 5-436R/P1+2

ATTENTION: SAM ZASTAVNIKOVICH — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:SEPT 6, 1985

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
2201	.7	9750	377	16	67	3.2	11	24110	2.6	10	12	44820
2202	.6	8450	79	12	64	2.2	7	20770	1.1	10	29	28060
2203	.8	11740	63	19	53	4.0	16	26810	1.9	22	35	57060
2204	.6	12770	159	20	48	3.7	13	17000	1.9	17	20	48400
2205	.6	11170	459	17	40	4.0	14	19140	3.8	15	18	53110
2206	.6	12470	375	25	37	4.3	14	12800	2.3	14	10	56120
2207	.5	10510	542	15	31	4.4	14	11530	3.8	23	9	57060
2208	.5	6550	1236	8	16	3.1	11	20490	8.1	11	14	42000
2209	.5	7320	261	11	32	3.5	11	17780	2.3	13	7	45570
2210	.7	10410	1055	18	30	4.2	15	29220	6.6	18	25	56310
2211	.7	8490	3958	14	46	5.0	17	25440	26.8	18	98	67230
2212	.7	7950	614	12	327	4.1	14	15080	4.5	9	73	52170
2213	.8	7100	938	12	535	3.9	15	19320	5.9	16	122	50280
2214	1.4	8980	242	17	73	7.2	25	16430	1.8	36	36	93030
2215	.9	12140	1388	18	32	5.7	20	6800	9.0	19	34	72320
2216	.8	6200	692	11	143	5.0	20	6720	5.5	18	217	66670
2217	1.0	13110	305	17	1482	6.1	20	7450	2.2	29	32	79470
2218	.9	10610	539	12	73	5.1	17	5330	4.2	27	39	62340
2219	1.2	34830	17	33	35	5.9	24	7850	1.4	35	89	82670
2220	1.8	43370	9	45	25	4.9	27	22580	.2	34	358	77020
2221	1.9	37210	1	41	26	3.7	26	27300	.2	27	395	70430
2222	1.9	41540	2	48	29	4.4	27	32950	1.2	29	691	69110
2223	1.8	45150	6	50	28	3.8	29	49850	.4	25	552	73450
2224	1.2	31770	7	36	43	4.7	21	29750	1.1	27	74	69300
2225	1.3	38570	5	48	38	3.4	20	35740	.5	20	107	59890
2226	2.7	36860	1	44	67	4.1	33	31930	.1	27	311	86440
2227	1.6	30260	8	34	48	5.7	24	25260	.8	34	119	86250
2228	1.6	32760	1	36	33	5.4	24	31580	1.3	29	207	80230
2229	1.9	25770	1	30	38	4.3	25	64760	.9	24	247	74010
2230	1.7	25390	5	28	40	5.4	25	47630	1.0	28	189	78720
2231	2.4	37460	1	64	42	4.9	31	40660	.8	32	476	93790
2232	3.1	34960	1	37	40	3.8	39	32620	.1	29	761	99810
2233	3.1	43210	1	46	40	4.8	40	35910	.1	34	660	106030
2234	3.4	39100	2	41	36	5.4	31	24200	1.0	36	796	86440
2235	4.2	42170	1	48	27	5.0	38	28750	.5	34	1359	87190
2236	3.7	39930	1	42	43	5.2	47	28220	.1	39	988	120340
2237	3.3	34420	1	38	42	4.7	39	24550	.1	36	239	119400
2238	3.0	33330	1	40	22	3.8	35	36010	.1	32	710	87380
2239	2.3	39250	1	47	28	4.6	29	16620	.6	33	477	83800
2240	1.0	21240	3	26	169	3.3	14	32660	1.0	16	181	46140
2241	1.3	30090	1	34	60	4.4	19	27290	.6	21	135	67040
2242	1.4	36300	1	39	56	4.6	22	25250	.7	23	112	72690
2243	1.4	25460	1	26	50	4.8	19	34050	.7	21	73	71190
2244	1.7	35800	8	40	31	4.1	21	31990	.1	25	146	76270
2245	2.1	48950	3	58	27	4.6	27	32610	.8	31	450	76840
2246	1.4	38310	17	45	27	3.9	19	30240	1.3	23	205	58950
2247	1.8	48420	11	57	28	4.0	24	42950	1.0	29	548	64220
1747	1.3	13570	1	29	37	2.7	14	154280	1.6	17	33	53670
1748	1.2	15580	1	19	6	.7	13	43530	.1	3	147	34090
1749	12.3	23590	79	22	8	.1	284	42510	.1	7	24378	84560
0992	.1	10630	14	8	63	1.1	4	1000	.4	1	87	13370
0993	.1	9970	22	8	72	1.3	6	820	.4	1	73	16200

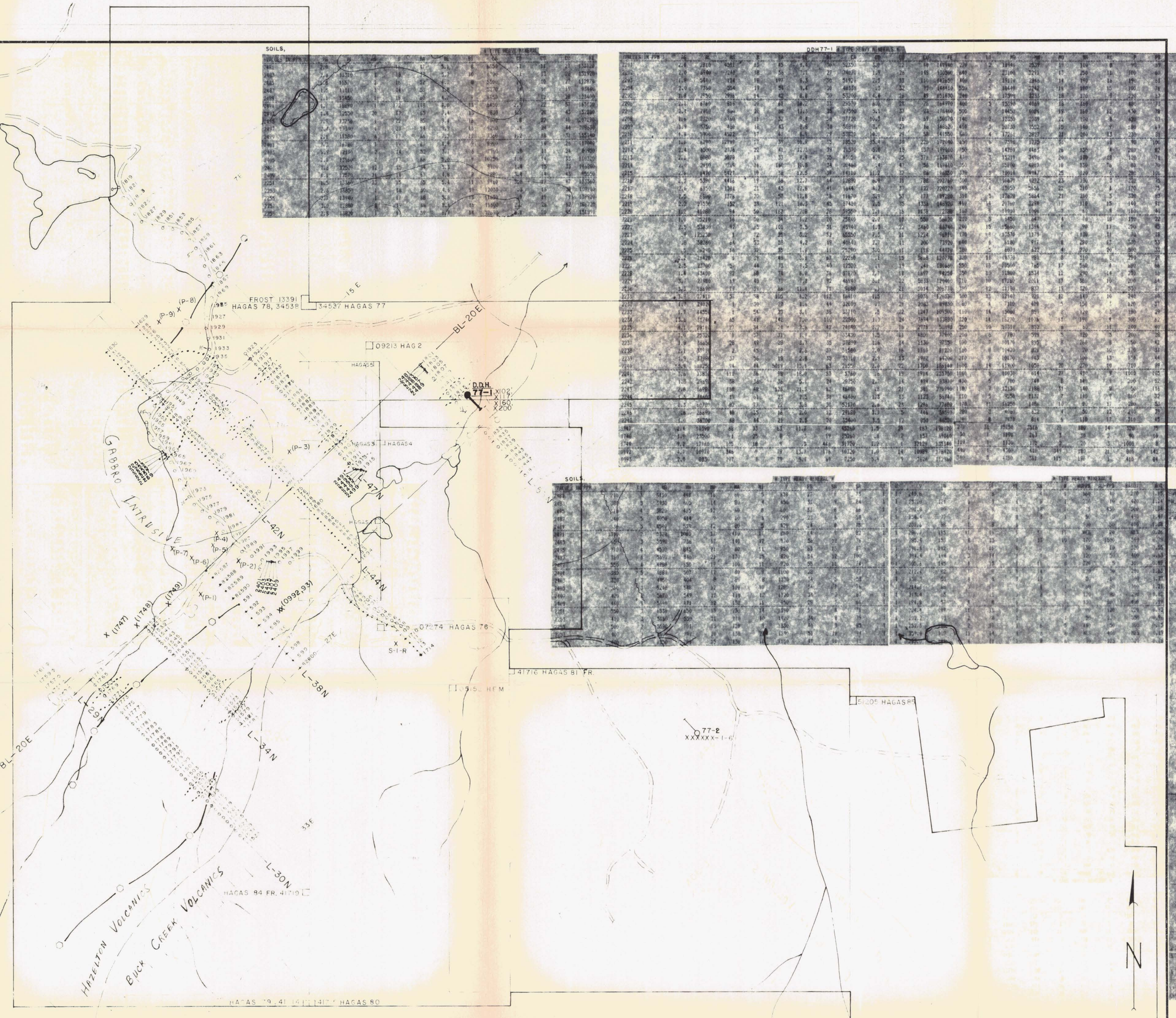
(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
2201	2020	9	10350	935	7	190	7	280	22	11	53	2
2202	2060	8	10700	835	5	160	7	250	21	7	43	1
2203	960	11	14820	1297	9	310	16	390	27	10	75	1
2204	1510	13	9580	1072	8	240	10	310	28	10	51	2
2205	1360	13	10230	1233	8	230	7	480	30	15	50	2
2206	1240	10	8160	1207	9	290	7	1250	26	13	45	3
2207	810	7	6090	1221	9	220	10	1400	31	15	37	3
2208	330	6	6320	683	9	420	4	1360	35	20	27	2
2209	1410	7	9620	985	7	260	7	830	25	11	34	3
2210	1190	13	12650	1315	11	210	8	650	40	24	58	2
2211	580	7	8950	1244	17	90	13	300	51	69	38	3
2212	1900	6	7740	1468	9	130	6	650	28	19	31	3
2213	1310	4	7480	1132	10	110	14	540	29	19	32	3
2214	1120	4	13490	2922	14	220	60	600	40	16	55	4
2215	990	9	5040	1691	14	130	5	1010	41	27	38	4
2216	600	3	4800	1583	10	360	2	1140	26	18	29	3
2217	860	7	8720	1982	12	400	5	1160	33	14	45	4
2218	540	6	7460	1827	11	370	8	1230	31	15	31	5
2219	570	28	26930	1945	13	210	18	600	40	12	61	3
2220	360	26	30190	1922	11	230	15	370	29	10	91	1
2221	410	21	21710	1500	9	250	13	360	25	7	127	1
2222	590	28	27140	2054	10	240	16	340	27	9	86	1
2223	360	16	18760	1561	11	330	13	380	32	9	87	1
2224	870	23	18090	1666	11	520	20	610	31	9	126	1
2225	870	18	13750	1264	9	480	16	610	32	7	242	1
2226	1480	22	19090	1809	10	1730	13	630	22	8	121	1
2227	770	26	22520	1795	13	760	14	660	35	11	93	1
2228	500	19	22750	2232	13	510	17	650	31	10	123	1
2229	530	14	17390	3029	11	800	13	620	28	9	131	1
2230	690	17	16990	2415	12	610	17	620	36	11	89	3
2231	610	26	25710	2129	12	840	13	520	31	10	140	1
2232	460	18	22710	1013	10	1780	10	430	21	7	166	1
2233	560	24	29130	1445	11	1230	12	500	26	10	154	1
2234	900	32	30510	1856	13	830	11	440	34	11	112	1
2235	400	21	25650	1901	12	230	15	400	32	11	193	1
2236	420	30	32120	1793	13	1670	9	480	15	10	114	1
2237	440	23	27940	1388	13	1800	6	460	15	9	109	1
2238	350	22	24190	1645	10	280	12	410	18	7	110	1
2239	580	29	29500	1664	11	340	14	360	24	9	88	1
2240	2770	27	13120	1226	7	350	10	410	22	6	77	1
2241	6020	13	16250	1191	10	990	11	590	29	8	95	1
2242	3920	13	15610	1215	10	650	7	520	27	8	116	1
2243	1200	15	14660	1607	11	370	8	670	25	9	97	1
2244	600	22	21480	1825	10	290	10	470	24	9	94	1
2245	500	28	28930	2062	12	220	16	380	29	9	101	1
2246	560	23	21620	1812	9	230	15	390	30	9	155	1
2247	570	26	23850	2004	10	340	17	440	34	9	212	1
1747	590	40	21740	2257	8	240	14	340	21	7	117	1
1748	70	1	1440	284	3	50	1	130	3	2	217	1
1749	230	1	1080	260	5	40	2	890	6	11	433	1
0992	1160	4	590	20	39	110	3	110	13	2	51	3
0993	1230	4	640	20	48	120	3	120	15	2	42	2

COMPANY: SAM ZASTAVNIKOVICH — MIN-EN LABS ICP REPORT — (ACT:GE027) PAGE

PROJECT NO: HAGAS CLAIMS — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: S-43

ATTENTION: SAM ZASTAVNIKOVICH — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:SEPT

(VALUES IN PPM)	U	V	ZN	GA	GE	SE	SN	W	HG-PPB	AU-PPB
2201	1	54.7	59	3	10	1	2	1	1120	29
2202	1	41.1	55	2	8	1	3	3	860	12
2203	1	106.4	80	5	13	1	1	4	650	6
2204	1	72.5	91	4	12	1	3	3	1565	14
2205	1	68.7	104	4	12	1	3	3	1000	5
2206	1	70.4	95	4	12	1	3	3	3420	3
2207	1	78.5	114	3	12	1	1	3	8750	7
2208	1	46.5	101	1	10	1	3	3	11000	4
2209	1	57.2	81	3	11	1	3	2	2525	4
2210	1	86.1	114	5	14	1	5	5	2785	2
2211	1	62.2	193	3	15	1	4	3	10250	1
2212	1	46.1	90	4	12	1	3	3	2310	2
2213	1	75.1	130	6	12	1	3	4	7750	4
2214	1	170.5	196	9	21	2	4	7	1180	1
2215	1	115.7	128	4	15	1	3	4	1150	1
2216	1	85.8	189	3	12	1	1	4	2250	3
2217	1	126.4	189	6	16	1	1	5	875	3
2218	1	95.2	254	6	14	1	3	4	1705	4
2219	1	179.6	206	9	18	1	4	7	120	1
2220	1	181.5	174	4	16	1	6	5	90	6
2221	1	169.7	133	1	11	1	1	2	60	9
2222	1	207.9	174	6	15	1	1	5	80	1
2223	1	191.7	123	7	12	1	1	5	65	1
2224	1	160.0	157	6	14	1	1	4	75	2
2225	8	146.6	107	3	11	1	3	5	105	1
2226	1	237.5	159	1	10	1	2	1	65	5
2227	1	204.9	211	7	17	1	3	6	60	2
2228	1	211.4	198	6	16	1	3	6	45	1
2229	1	217.4	131	11	13	1	1	2	65	1
2230	1	230.1	147	12	17	1	3	6	55	2
2231	1	266.4	147	4	14	1	1	4	65	3
2232	1	250.9	72	1	9	1	2	1	40	1
2233	1	284.1	100	1	12	1	2	1	30	3
2234	1	278.4	161	5	17	4	3	4	20	5
2235	1	240.2	191	4	15	1	1	4	20	2
2236	1	342.1	136	1	14	1	1	1	40	1
2237	1	321.7	119	1	11	1	1	1	30	1
2238	1	179.6	106	1	11	1	2	1	45	1
2239	1	197.3	156	1	14	1	2	3	60	2
2240	1	82.9	100	7	11	6	5	2	60	3
2241	1	140.0	93	6	13	1	2	3	40	1
2242	1	148.1	110	6	13	1	1	3	35	3
2243	1	153.2	106	7	14	3	1	3	30	6
2244	1	185.2	145	5	13	1	1	4	50	2
2245	1	209.8	175	4	14	1	5	3	65	5
2246	1	152.1	129	10	15	15	6	8	75	3
2247	1	172.8	137	7	14	7	2	6	40	2
1747	1	54.9	48	12	8	1	3	5	70	4
1748	10	82.5	4	1	1	1	2	1	55	1
1749	17	151.4	1	1	1	1	1	1	135	9
0992	1	22.4	7	1	2	1	2	1	4250	2
0993	1	21.7	8	1	3	2	3	2	3230	3



SAMPLE NUMBER	DDH77-1 (meters)	HG PPB	AU PPB	TOTAL BA PPM	WT. %
2201	14.3m.	2000	45	450	3.01
02	17.4	2625	20	420	[illegible]
03	20.4	1095	[illegible]	700	[illegible]
04	23.5	4050	15	340	4.74
05	26.5	4165	10	300	3.07
06	29.6	5900	5	320	4.48
07	[illegible]	19100	5	216	5.83
08	35.7	19100	5	290	[illegible]
09	38.7	2720	10	400	2.79
10	41.8	9000	100	400	[illegible]
11	44.8	16600	5	480	6.20
12	47.9	3100	15	8700	6.98
13	50.9	8150	5	13200	3.77
14	53.9	1720	10	810	10.22
15	57.0	5050	5	900	3.41
16	60.0	8500	10	2350	3.56
17	[illegible]	3230	5	7500	5.48
18	66.1	3570	15	1500	5.75
19	69.2	325	30	500	.90
20	72.2	1305	5	600	4.25
21	75.3	160	5	400	13.98
22	78.3	215	45	470	8.66
23	81.4	60	10	300	11.06
24	84.4	95	5	670	5.62
25	87.5	30	5	470	18.86
26	90.5	80	10	600	2.66
27	93.6	240	5	800	[illegible]
28	96.6	65	15	370	3.61
29	99.7	150	10	500	[illegible]
30	102.7	175	15	1100	1.24
31	[illegible]	70	5	290	1.89
32	108.8	60	15	[illegible]	6.36
33	111.9	55	5	200	6.84
34	114.9	110	20	600	.95
35	118.0	70	5	210	12.85
36	121.0	65	345	230	2.78
37	124.1	80	25	710	2.75
38	127.1	40	5	240	9.42
39	130.2	45	10	300	4.59
40	133.2	175	10	15000	.60
41	136.3	115	5	670	.55
42	139.3	75	5	410	4.35
43	142.4	75	150	500	.62
44	145.4	60	5	720	3.05
45	148.5	40	10	210	9.67
46	151.5	85	5	300	16.58
2247	154.6m.	55	5	290	22.80
1747		65	10	340	5.31
48		35	5	250	33.11
1749		200	15	10	48.41
0992		NES	25	NES	.13
0993		NES	30	NES	[illegible]

0 1KM 2KM

SCALE: 1 CM TO 90 M.

COMPANY . . Petrostore Resources Ltd.
PROPERTY . . HAGAS CLAIM GROUP
LOCATION . . Nadina Mtn Area, Omineca M.D.

WORKING PLACE . . Vancouver, B.C.
TYPE OF MAP . . GEOCHEMICAL
BASED ON . . Heavy Minerals, Soils Samples, Rocks

DATE . . Oct '85
DRAWN BY . . S. Zastavnikovich
DATE OF WORK . . OCT. '85

LEGEND

Geological

- Fault
- Contact
- E. M. Conductor

Geochemical

- •1579 — Soil Sample No.
- O1743 — Heavy Mineral Soil Sample No.
- X P-8 — Rock Sample No.
- X ( ) — Float
- 77-1 — Drill Hole
- Multielement Anomaly
- 2475 — Followup Soil Sample

Fig. # 3