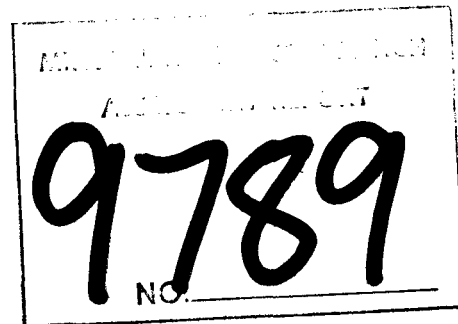


81-# 7941 - 9789

GEOLOGICAL AND GEOCHEMICAL SURVEY
OF THE
ENZ CLAIMS
OMINECA MINING DIVISION



GUICHON EXPLORCO LIMITED (*owner/operator*)
GEOLOGICAL AND GEOCHEMICAL SURVEY
OF THE
ENZ CLAIMS
OMINECA MINING DIVISION
N.T.S. 93F/12E
(53° 39'N - 125° 41W)



J. Ireland
Vancouver, B.C.

September, 1981

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Summary of Conclusions and Recommendations

Mercury and arsenic occur anomalously in bleached, kaolinized, de-silicified and locally brecciated rhyolites and acid tuffs of the Late Cretaceous to Miocene Ootsa Lake group. The zone of alteration straddles a northeast trending fault that dips steeply to the northwest. The zone of alteration extends for over one kilometer along the strike of the fault. Mercury values as high as 1700 ppb (1.7 g/tonne) and arsenic values in excess of 500 ppm (.5 g/tonne) were determined from rocks within the zone of alteration. No significant gold values were obtained from soil or rock samples within the mercury-arsenic anomalous zone, but a value of 95 ppb Au was obtained from soils sampled 300 m south of the anomalous zone.

It is proposed that most of the ENZ Claim Group be dropped, with the exception of 6 units in the southwest corner of ENZ - 2 which cover the zone of anomalous mercury and arsenic. A study of the detailed structure within the anomalous zone should be carried out and a single hole drilled into the geochemical anomaly to test for possible gold mineralization at depth.

Introduction

This report describes the results of a geological and geochemical survey carried out on the ENZ group of claims during the period of May 1st to July 1st, 1981. The claims are situated approximately 70 km south of Burns Lake, B.C., on the north shore of East Ootsa Lake Reservoir, National Topographic series reference 93F/12E. The ENZ claims are situated in the Omineca Mining Division and are registered in the name of Guichon Explorco Limited of Toronto. The mineral claims information is listed below:

<u>Mineral Claim</u>	<u>Recording Date</u>	<u>Record No.</u>	<u>No. of units</u>
ENZ 1	September 9, 1980	3203	20
ENZ 2	September 9, 1980	3204	20
ENZ 3	September 9, 1980	3205	20
ENZ 4	September 9, 1980	3206	20

Access to the claim group is good to excellent, gained by means of logging roads that cut through all of the claim blocks.

Relief ranges from moderate to gentle with areas of greatest relief in the southwest corner of the map area, where the north end of the Henson Hills underlie most of claim ENZ 4. Elevation varies from 840 meters (2800 Feet) to 1140 meters (3800 Feet) above sea level. Vegetation consists of numerous clearcut areas in various stages of regrowth, immature to mature stands of spruce and fir and extensive tag alder growths along valley bottoms. Severe windfall is encountered along the edges of clearcuts and at higher elevations.

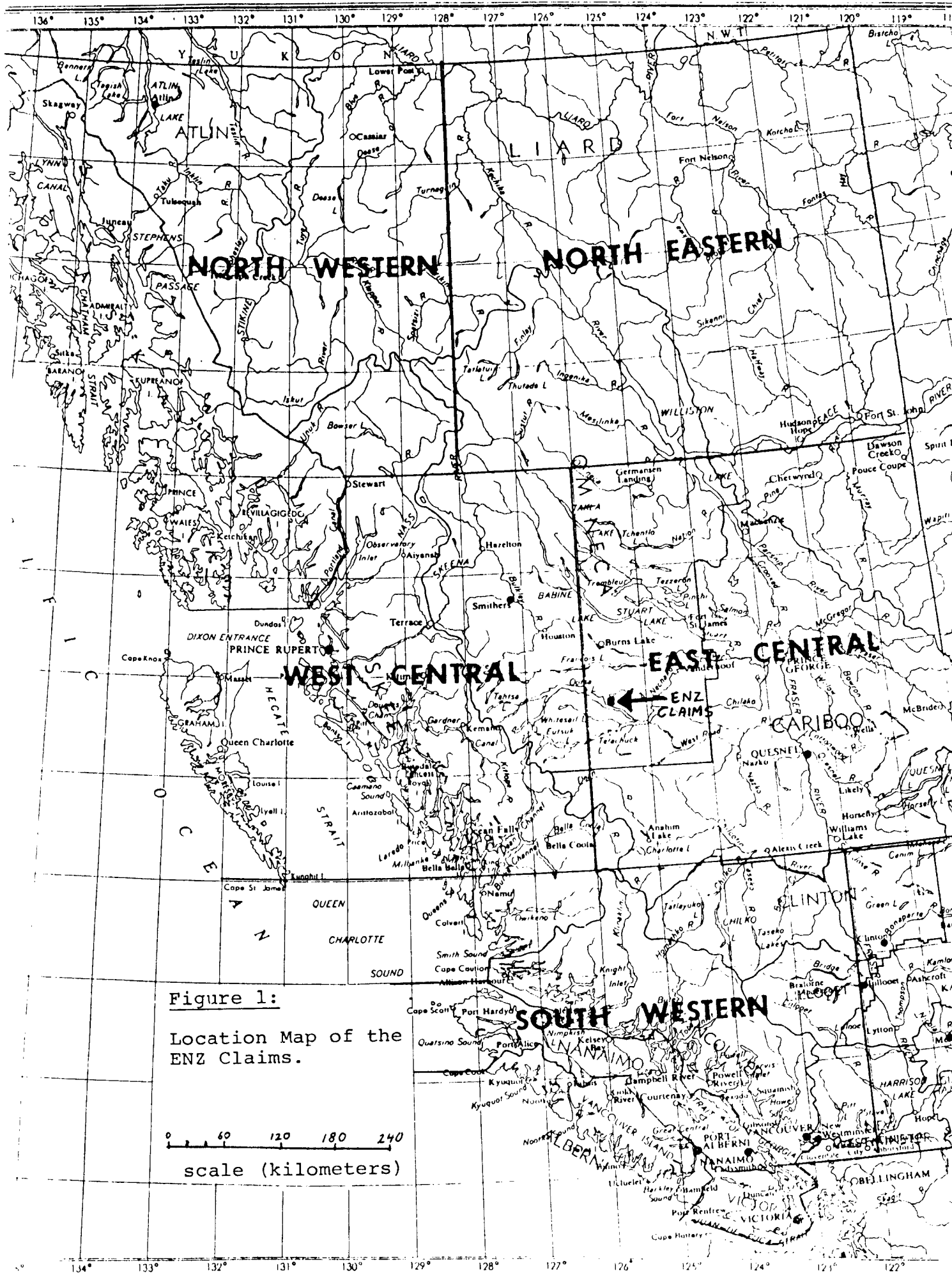


Figure 1:
Location Map of the
ENZ Claims.

0 60 120 180 240
scale (kilometers)

Procedure

A central 5 km long north-south baseline with 5 km long north-south tie-lines established at 1000 meters and 2000 meters to the east and west of the baseline, provided control for the survey. Stations were marked at 50 m intervals along these lines. Soil and bedrock geochemical sampling and mapping of the geology was carried out over east-west traverse lines using a grid spacing of 400 meters. More detailed sampling on 100 m and 200 m intervals was carried out over areas exhibiting potentially altered bedrock.

Soil sampling procured a 200 gram average sample from the "B" horizon located at a depth of from .3 to .8 metres. The "B" horizon was recognized as being a clay rich, burnt red coloured, layer from 3 cm to 8 cm in thickness. It was reached by digging through a light coloured, crumbly, leached horizon, that lay beneath an organic rich surface layer.

Bedrock sampling procured a 800 gram average chip sample from exposed outcrops.

Soil sample descriptions, and bedrock rock types were identified at each station. The result of this work is listed in the appendix at the end of this report.

A total of 266 geochemical samples, 54 rock chip and 212 soil, were collected over a total of 56 line km of grid traverses, 20 km of tie-line and 5 km of baseline, for a total area surveyed of 22.88 square km (2288 hectares).

Samples were sent to Chemex Laboratories Limited, 212 Brooksbank Avenue, North Vancouver, B.C. and analysed for gold, mercury and arsenic.

Grid preparation, sampling and geological mapping were carried out under the direction of Dr. H. Squair with field supervision by J.C. Ireland. Mr. H. McCreadie assisted the field work.

Previous Work

The first major regional geological survey was carried out by

H.W. Tipper during the period 1949 through 1953. The results were published in G.S.C. Memoir 324 in 1963. There is no record of assessment for the area covered by the claims and as far as is known, no previous staking of mineral claims has occurred in the area. A deposit of Perlite has been reported at the south end of Henson Hills.

Geology

Regional Geology

The ENZ claim group is underlain by rocks of several ages. To the east a thick pile of Early Tertiary, intermediate to acid volcanic flows and breccias outcrop. The intermediate portion of the pile consists of thick andesitic to trachytic flows and associated pyroclastic breccias. Thick basaltic flows are also present in the succession. Overlying the intermediate volcanic rocks is a series of felsic to siliceous flows, tuffs and volcanoclastic breccias. The intermediate volcanic rocks make up the "Lower" sequence and the acid volcanic rocks make up the "Upper" sequence of the succession which is part of the Ootsa Lake Group first described by Tipper (1963).

To the north and east, thick piles of Eocene and later basaltic flows and breccias make up the second most dominant rock type in the area. The basalts, which unconformably overlie all

other rock types in the area, are massive to vesicular and black to purple in colour. Many flows are porphyritic, with well developed feldspar laths or poorly formed augite phenocrysts. These rocks are equivalent to the Endako Group.

North and east of the claims, Triassic and Lower Jurassic Takla group rocks and Jurassic Hazelton group rocks dominate the geology. Takla group rocks are made up of andesitic and basaltic flows, tuffs and breccias overlain by red and brown shales, conglomerate and greywacke. Hazelton group rocks include andesitic flows, tuffs and breccias with considerable chert-pebble conglomerate, shale and sandstone. These Mesozoic rocks are poorly represented in the area of the ENZ claims.

Cutting all rocks with the exception of the Eocene or Later Basalts are quartz-feldspar porphyry stocks and feldspar porphyry stocks and dikes related to the Upper Ootsa Lake Group volcanism. Basaltic and lamprophyric, porphyry dikes related to the Tertiary basalt association, cut all rocks in the area, but are most common farther east and north of the claims area.

ENZ Claims Geology

The ENZ property is underlain by Mesozoic and Tertiary volcanic rocks, related intrusions and sediments. The assemblage includes the following in increasing order of abundance:

- Unit 3 - Jurassic and Cretaceous granodiorite to quartz diorite;
- Unit 6 - Miocene and Later Endako Group intermediate to basic flows and fragmentals and; Unit 6a - associated basaltic dikes;
- Unit 1 - Mid-Jurassic Hazelton group intermediate to acid volcanic flows and tuffs;
- Unit 4 - Upper Cretaceous and Paleocene "Lower" Ootsa Lake Group rocks consisting of intermediate, trachytic and basic flows and breccias and; Unit 4a - associated stocks and dikes;
- Unit 5 - Paleocene to Oligocene "Upper" Ootsa Lake Group siliceous to felsic, acid volcanic flows, Unit 5a - related tuffs, breccias and volcanically derived tuffaceous conglomerate and; Unit 5b - quartz-feldspar and feldspar porphyry intrusions related to the acid volcanism.

Upper Jurassic Hazelton group sediments (unit 2) do not outcrop in the claims area, but are exposed about 1 km north of the claims.

Greatest outcrop exposure occurs in the southwest portion of the claims area covered by claim ENZ 4. Outcrop in this area consists of intermediate to mafic volcanic flows and breccias of the "Lower" Ootsa Lake Group overlain by siliceous and felsic volcanic flows, fragmental units and volcanically derived sediments, belonging to the "Upper" Ootsa Lake group. These volcanic rocks are generally flat-lying or have gentle northeast to northwest dips.

At the western corner of the common boundary between claims ENZ 4 and ENZ 1, a prominent northeast trending dike of quartz-feldspar porphyry intrudes Ootsa Lake Group rhyolites and tuffs. The dike appears to be a southwesterly extension of a feldspar porphyry stock that occurs at the northeast end of the dike.

The dike is roughly 40 m to 60 m thick and dips steeply to the southeast. Another smaller stock of intermediate to basic composition, containing fragments of black, siliceous tuff, occurs just to the north of the feldspar porphyry stock. A similar, less topographically prominent stock of intermediate composition, occurs in the northwest corner of ENZ 1 and an extrusive phase of this intrusion is exposed 200 m to the north. The acid and intermediate intrusions are believed to be related to the Late Cretaceous-Early Tertiary Ootsa Lake group of volcanic rocks.

Upper Ootsa Lake group rhyolites, dacites and acid tuffs also outcrop to the north, west and east of the northeast trending quartz-feldspar porphyry dike situated in the southwest corner of Claim ENZ 1. The outcrops are poorly exposed, due in part to extensive faulting. Most outcrop exposures occur along fault scarps and these rocks are usually highly bleached and moderately deformed. The most notable of these smaller exposures occurs near the centre of Claim ENZ 2. The area is extensively faulted so that acid volcanics are in fault contact with mafic volcanics, both units being in fault contact with rocks of Jurassic age.

Exposure of Middle Jurassic Hazelton group rocks is confined to the northern two-thirds of claim ENZ 2. These rocks consist of massive, siliceous to dacitic tuffs and volcanoclastic breccias of

the same composition. They strike north or slightly east or west of north and dip from 45 degrees to 80 degrees to the west.

At 1100E + 800N in ENZ 2, a poorly exposed granodiorite to quartz diorite stock intrudes Hazelton group tuffs which have been silicified and brecciated.

Approximately 65 percent of the claims area is overlain by poorly sorted, clay-rich glacial debris. This cover varies from 60 cm to several tens of meters in thickness with thickest accumulations occurring along northeast and east-facing slopes and in the larger valleys.

The geological map (figure 4) located in the back pocket, illustrates the distribution of all lithologies and the extent of glacial cover in the map area.

Structure

The area has been extensively faulted, with continuous transcurrent faults and high-angle dip-slip faults creating block faulted and graben and half-graben structures. Also, less extensive shearing is associated with the major fault lineaments.

The major fault lineaments exhibit three prominent strike trends, 040 to 060 degrees, 080 to 100 degrees and 310 to 325 degrees. Those faults trending 040° to 060° are high angle faults dipping

70 to 90 degrees to the northwest. The other two sets of faults exhibit vertical dips and are of the transcurrent variety.

Mineralization

Disseminated pyrite was observed in brecciated and silicified acid tuffs of the Ootsa Lake Group near the center of ENZ 2 (600E + 1000N). The sulphide occurs in veins and fracture fillings of amorphous silica situated in highly altered rocks adjacent to a high-angle, northeast striking dip-slip fault. An aureole of bleached, de-silicified and kaolinized tuffs surrounds the silicified, mineralized zone. The alteration zone appears to be extensive. Six hundred meters west of the silicified zone, on the downthrown side of the fault, flow-banded rhyolite outcrops exhibiting bleaching and partial de-silicification. Two hundred meters north and two hundred meters west of the silicified zone, flow-banded rhyolite and acid tuffs exhibit extensive bleaching accompanied by silicification and brecciation. Sulphides are also present in small quantities.

Geochemical Survey

Two hundred and sixty-six (266) soil and rock samples were collected from the claims area for a total area sampled of 2288 hectares.

Assay values of rock and soil samples range from 10ppb Hg (10^{-9} 2/tonne) to 1700 ppb mercury; from 1 ppm As (10^{-6} 2/tonne) to greater than 500 ppm arsenic; and from less than 5 ppb Au to 95 ppb gold. Analyses appear in the appendix and distribution of values

are shown below:

(1) Mercury - Hg

1501-2000 ppb Hg	1 samples
1001-1500	0
901-1000	1 sample
801- 900	1 sample
701- 800	0
601- 700	1 sample
501- 600	2 samples
401- 500	1 sample
301- 400	2 samples
201- 300	2 samples
101- 200	4 samples
51- 100	21 samples
0- 50	230 samples
	<hr/>
	266 samples
	<hr/>

(2) Arsenic - As

greater than 500 ppm As	1 sample
101- 500	3 samples
91- 100	0
81- 90	0
71- 80	0
61- 70	0
51- 60	0
41- 50	3 samples
31- 40	2 samples

11- 20	44 samples
0- 10	207 samples
	<hr/>
	266 samples
	<hr/>
(3) Gold - Au	
101-150	0
91-100	1 sample
81- 90	0
71- 80	0
61- 70	0
51- 60	0
41- 50	0
31- 40	0
21- 30	0
11- 20	8 samples
0- 10	257 samples
	<hr/>
	266 samples
	<hr/>

Mercury and arsenic were determined using atomic absorption methods and gold was determined by using a combination of fire assay and atomic absorption method.

Results of 197 soil and rock analyses indicated a zone of anomalous mercury and arsenic values and a follow-up program over the area involving the collection of 69 more soil and rock samples

confirmed the presence of an extensive zone of alteration located on claim ENZ 2, at coordinates 600^mE & 1000^mN. The zone of anomalous mercury and arsenic is roughly elliptical with a northeast trend that extends for over a kilometer. Mercury values up to 1700 ppb Hg and arsenic values in excess of 500 ppm were obtained from outcrop exposures within this zone. A single gold value of 95 ppb Au was obtained from soils 300 meters south of the silicified zone.

Rocks within the anomalous zone have been bleached, kaolinized, de-silicified and locally, brecciated and silicified along the sides of northeast trending faults. Disseminated sulphide is associated with the silicification, which forms breccia infillings and small, 8 to 10 cm wide veins within the sheared rocks adjacent to the faults.

ENZ Claims - Cost Estimate (May 1/81 - July 2/81)

(1)	<u>Geological and Geochemical Survey</u>	
	16 man-days at \$57.00 per day	\$ 912.00
	47 man-days at \$57.00 per day	2,679.00
	52 man-days at \$45.00 per day	2,340.00
(2)	<u>Accommodation</u>	
	19 days at \$37.00 per day	703.00
	39 days at \$50.00 per day	1,950.00
	5 days at \$100.00 per day	500.00
(3)	<u>Food</u>	
	22 days at \$20.00 per man-day	440.00
(4)	<u>Support</u>	
	Equipment, tools, flagging, sample bags, shipping etc.	\$ 178.50
(5)	<u>Transportation</u>	
	Vehicle Lease - 63 days at \$36.27 per day	2,285.00
	Vehicle Operation - 63 days at \$8.50 per day	535.50
(6)	<u>Sample Analysis</u>	
	213 soil samples at \$12.00 per sample	2,556.00
	54 rock samples at \$14.25 per sample	769.50
(7)	<u>Report and Drafting</u>	1,250.00
		<u>\$17,098.50</u>

Conclusions

Mercury and arsenic occur in anomalous concentrations along a northeast trending fault system that has block faulted acid volcanic rocks belonging to the Late Cretaceous to Miocene Ootsa Lake Group. The anomalous zone extends along the strike of the fault for over a kilometer. Mercury values ranging from 50 ppb Hg to 1700 ppb Hg and arsenic values ranging from 9 ppm As to more than 500 ppm As have been obtained from rock samples collected within the zone of alteration. Rocks returning the highest mercury values are brecciated and silicified with disseminated sulphide occurring in the silica.

Recommendations

It is recommended that six units covering the anomalous zone in ENZ 2 be retained and the claims ENZ 1, ENZ 3 and ENZ 4 be dropped. Following a detailed study of the structure within the anomalous zone, it is recommended that a single hole be drilled to test the geochemical anomaly at depth.

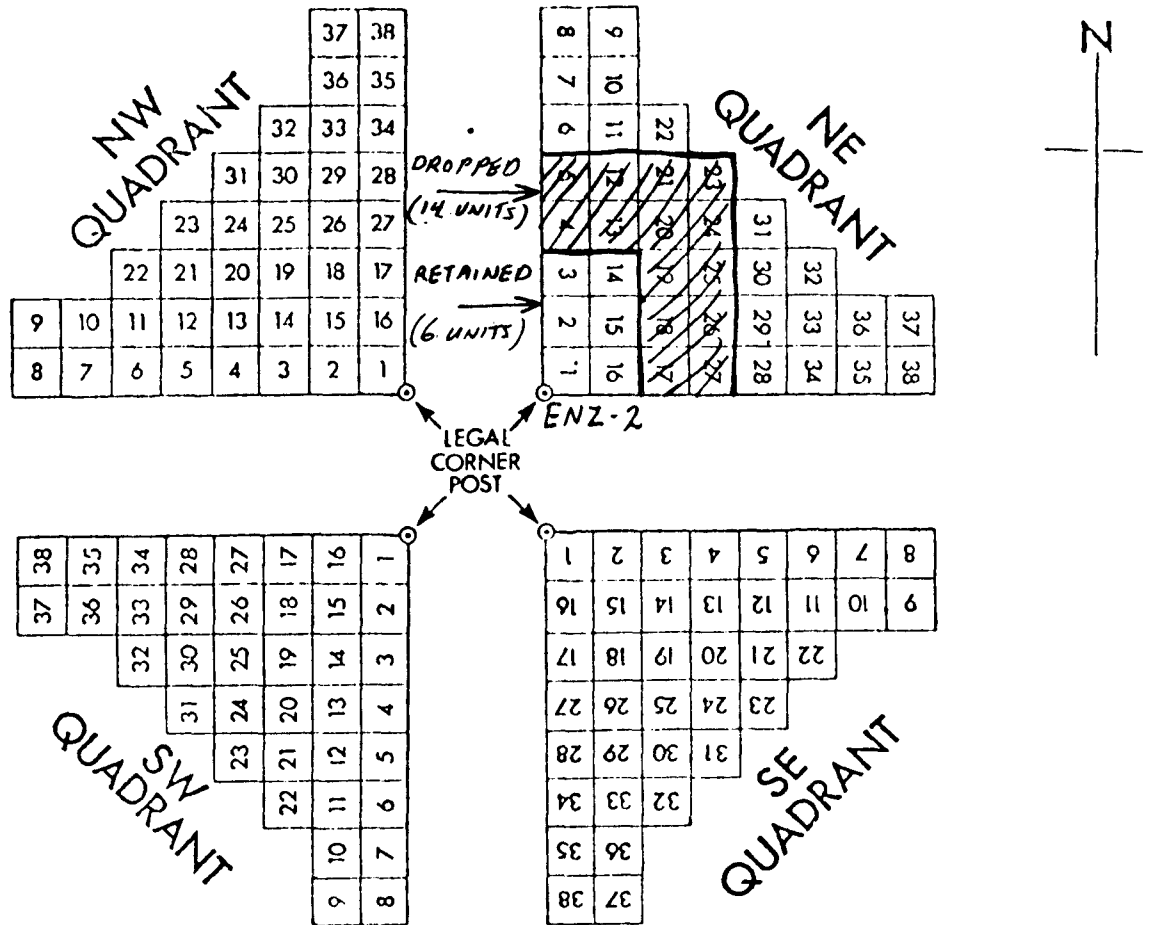


Figure 3; Recommended Reduction of Claim Units for ENZ 2.

CERTIFICATE

I, James C. Ireland of 5 Clement Street, Capreol, Ontario, hereby certify that:

- (1) I am a student of geology residing at the above address.
- (2) I am pursuing a H.B.Sc. at Laurentian University.
- (3) I have practiced my profession for more than 4 years.
- (4) I supervised and carried out the geological and geochemical work on the ENZ Claim Group with the assistance of Mr. H. McCreddie and attest that the field work was carried out with due regard for current geological and geochemical practice.
- (5) I interpreted the results of the survey.
- (6) I hold no interest direct or indirect in the ENZ Claim Group which is the subject of this report.

Respectfully Submitted

Vancouver, B.C.
September 8, 1981

J.C. Ireland

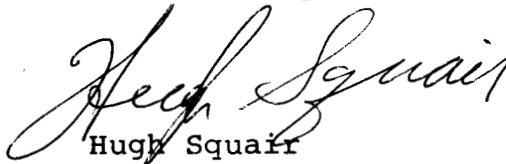
CERTIFICATE

I, Hugh Squair of 4287 Staulo Crescent, Vancouver, B.C., hereby certify that:

- (1) I am a geologist residing at the above address.
- (2) I am a graduate of the University of Saskatchewan and London with B.A. 1959 and Phd. 1965, degrees in Geology and Mining Geology and have practiced my profession for 15 years.
- (3) I am registered as a member of the Association of Professional Engineers of the Province of Ontario.
- (4) I directed the geological and geochemical work carried out on the ENZ Claim Group by Mr. James Ireland and attest that the values presented and their spatial relationships to each other are correct within reasonable limits of error.
- (5) I hold no interest direct or indirect in the ENZ Claim Group which is the subject of this report.

Respectfully Submitted,

Vancouver, B.C.
July 31, 1981


Hugh Squair



APPENDIX
ENZ CLAIMS
SAMPLE DESCRIPTIONS
AND
ANALYSIS RESULTS
1981

Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3001	ENZ 1 ENZ 4	00W + 00N	soil sample - mud	< 5	30	16
3002	ENZ 1 ENZ 4	200W + 00N	soil sample - frozen ground	< 5	20	12
3003	ENZ 1 ENZ 4	400W + 00N	soil sample - mud, clay & gravel	< 5	20	9
3004	ENZ 1 ENZ 4	600W + 00N	soil sample - mud, clay & gravel	< 5	40	15
3005	ENZ 1 ENZ 4	800W + 00N	soil sample - mud, clay & gravel	< 5	40	11
3006	ENZ 1 ENZ 4	1000W + 00N	soil sample - sandy clay & gravel.	< 5	30	11
3007	ENZ 1 ENZ 4	1200W + 00N	*flat-lying thick volcaniclastic breccia overlying poorly-bedded intermediate tuffs- sequence andesitic to mafic. Ootsa Lake Group.	5	20	2
3008	ENZ 1 ENZ 4	1400W + 00N	*Same as 3007 - East-West trending ridge - good exposure	< 5	20	3
3009	ENZ 1 ENZ 4	1600W + 00N	*poorly exposed acid volcanics - baked and bleached. Ootsa Lake Group.	< 5	10	7
3010	ENZ 1 ENZ 4	1800W + 00N	gossan-stained soil clay & gravel mix	< 5	20	6
3011	ENZ 1 ENZ 4	2000W + 00N	*porphyritic quartz- feldspar to felsic dike	< 5	10	4
3012	ENZ 4	2000W + 200S	soil sample - clay & gravel	5	20	7
3013	ENZ 4	1800W + 200S	soil sample - clay & gravel	< 5	20	9
3014	ENZ 4	1400W + 200S	soil sample - clay & gravel	< 5	20	10

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3015	ENZ 4	1200W + 200S	*andesitic volcaniclastic breccia	< 5	10	2
3016	ENZ 4	1000W + 200S	mafic porphyritic flow-plagioclase phenocrysts. Flat- lying.	< 5	80	2
3017	ENZ 4	800W + 200S	soil sample - clay, sand & gravel	< 5	20	10
3018	ENZ 4	400W + 200S	soil sample - clay, & gravel	< 5	10	5
3019	ENZ 4	00W + 200S	soil sample - clay & gravel	5	20	5
3020	ENZ 4	600W + 400S	*porphyritic basalt flows - plagioclase phenocrysts - unit strikes N70°W/5-10° SW	< 5	10	2
3021	ENZ 4	900W + 400S	*andesitic volcaniclastic breccia units about 50cm thick - minor andesitic tuff fragments flay-lying	< 5	20	1
3022	ENZ 4	1200W + 400S	*broken rock fragments - felsic	< 5	20	23
3023	ENZ 4	1500W + 400S	soil sample - clay- gravel mix.	< 5	10	9
3024	ENZ 4	1800W + 400S	soil sample - clay- gravel mix	< 5	10	5
3025	ENZ 4	2100W + 400S	soil sample - clay- gravel mix	< 5	20	14
3026	ENZ 4	2100W + 600S	soil sample - clay- gravel mix plus sand	< 5	10	10
3027	ENZ 4	1800W + 600S	*baked and bleached rhyolitic unit - fractured and brecciated - minor	< 5	10	4

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
			fault trending N75°E - convoluted banding in rhyolite - unit trends N60°W/10°SW			
3028	ENZ 4	1500W + 600S	*porphyritic rhyolite flows - N70°W/5°SW	< 5	20	3
3029	ENZ 4	1200W + 600S	soil sample - mud	5	10	7
3030	ENZ 4	600W + 600S	soil sample - clay, sand & gravel	< 5	20	12
3031	ENZ 4	300W + 600S	soil sample - clay, sand & gravel	< 5	30	11
3032	ENZ 4	200W + 800S	soil sample - clay & gravel	5	20	7
3033	ENZ 4	600W + 800S	soil sample - clay & gravel	10	40	12
3034	ENZ 4	1000W + 800S	soil sample - clay & gravel	< 5	40	16
3035	ENZ 4	1400W + 800S	*massive to poorly bedded dacitic to andesitic tuffs - N70°W/35°N	< 5	20	2
3036	ENZ 4	1800W & 800S	soil sample -	< 5	20	12
3037	ENZ 4	2150W + 800S	*thick, porphyritic rhyolite flow - rusty stained	< 5	10	5
3038	ENZ 4	2200W + 1200S	soil sample - sandy gravel	5	30	14
3039	ENZ 4	1800W + 1200S	soil sample - clay & gravel	< 5	30	17
3040	ENZ 4	1400W + 1200S	soil sample - clay & gravel	5	30	9
3041	ENZ 4	1000W + 1200S	*thick feldspar porphyry flow minor shale inclusions	< 5	10	2

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3042	ENZ 4	200W + 1200S	soil sample - clay & gravel	5	30	11
3043	ENZ 4	200W + 2000S	soil sample - sand, clay & gravel	5	20	11
3044	ENZ 4	600W + 2000S	*weathered flow-banded rhyolite and dacite flows - flat-lying	< 5	10	4
3045	ENZ 4	1400W + 2000S	soil sample - clay, gravel & broken rock	5	20	11
3046	ENZ 4	2200W + 2000S	soil sample - clay & gravel.	5	20	22
3047	ENZ 4	2200W + 1600S	*basaltic flows and breccias	< 5	20	3
3048	ENZ 4	1800W + 1600S	soil sample - clay & gravel.	< 5	20	7
3049	ENZ 4	1400W + 1600S	soil sample - clay & gravel	5	20	7
3050	ENZ 4	1000W + 1600S	soil sample - clay & gravel	< 5	20	10
3051	ENZ 4	600W + 1600S	soil sample - clay & gravel	< 5	20	9
3052	ENZ 4	200W + 1600S	soil sample - clay sand & gravel	5	20	15
3053	ENZ 4	200W + 2400S	soil sample - clay & sand	10	30	11
3054	ENZ 4	600W + 2400S	soil sample - clay & gravel	< 5	20	5
3055	ENZ 4	1000W + 2400S	soil sample - clay & gravel	< 5	20	5
3056	ENZ 4	1400W + 2400S	soil sample - clay & gravel	< 5	20	11
3057	ENZ 4	1800W + 2400S	soil sample - clay & gravel	< 5	30	12

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3058	ENZ 4	2200W + 2400S	*Tertiary basaltic pyroclastic unit	< 5	10	1
3059	ENZ 4	2200W + 2800S	soil sample - clay & gravel.	5	50	15
3060	ENZ 4	1800W + 2800S	soil sample - clay, sand & gravel	10	20	10
3061	ENZ 4	1400W + 2800S	soil sample - sand & gravel	5	20	17
3062	ENZ 4	1000W + 2800S	soil sample - clay & gravel	< 5	20	16
3063	ENZ 4	600W + 2800S	soil sample - clay & gravel	< 5	20	10
3064	ENZ 4	200W + 2800S	soil sample - broken rock - felsic	< 5	20	5
3065	ENZ 3	200E + 2800S	soil sample - clay & gravel	5	70	12
3066	ENZ 3	600E + 2800S	soil sample - clay & gravel	< 5	20	12
3067	ENZ 3	1000E + 2800S	soil sample - clay & gravel	< 5	20	15
3068	ENZ 3	1400E + 2800S	soil sample - clay & gravel	< 5	30	12
3069	ENZ 3	1800E + 2800S	soil sample - clay sand & gravel	5	20	14
3070	ENZ 3	2200E + 2800S	soil sample - clay & gravel	< 5	50	9
3071	ENZ 3	2200E + 2400S	soil sample - clay & gravel	< 5	20	10
3072	ENZ 3	1800E + 2400S	soil sample - clay & gravel	5	20	10
3073	ENZ 3	1400E + 2400S	soil sample - clay & gravel	5	20	11
3074	ENZ 3	1000E + 2400S	soil sample - clay & gravel	5	20	6

Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3075	ENZ 3	600E + 2400S	*poorly exposed obsidian unit in felsic volcanics	< 5	20	1
3076	ENZ 3	200E + 2400S	soil sample - clay & gravel	< 5	20	9
3077	ENZ 3	200E + 2000S	*poorly exposed felsic volcaniclastic unit - Ootsa Lake Group	5	70	5
3078	ENZ 3	600E + 2000S	soil sample - clay & gravel	< 5	50	5
3079	ENZ 3	1000E + 2000S	soil sample - clay & gravel	< 5	30	3
3080	ENZ 3	1400E + 2000S	soil sample - clay & gravel	< 5	30	6
3081	ENZ 3	1800E + 2000S	soil sample - clay & gravel	< 5	30	5
3082	ENZ 3	2200E + 2000S	soil sample - clay & gravel	< 5	20	5
3083	ENZ 3	2200E + 1600S	soil sample - gravel & clay	< 5	70	4
3084	ENZ 3	1800E + 1600S	soil sample - gravel & clay	< 5	130	4
3085	ENZ 3	1000E + 1600S	soil sample - clay, sand & gravel	5	40	6
3086	ENZ 3	600E + 1600S	soil sample - clay, sand & gravel	< 5	30	5
3087	ENZ 3	200E + 1600S	*frothy, scariaceous volcaniclastic unit	< 5	40	5
3088	ENZ 2	2200E + 800N	soil sample - clay & gravel	< 5	30	4
3089	ENZ 2	1800E + 800N	soil sample - clay & gravel	< 5	30	4
3090	ENZ 2	1400E + 800N	soil sample - clay & gravel	< 5	40	6

Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3091	ENZ 2	1000E + 800N	soil sample - clay & gravel	< 5	50	7
3092	ENZ 2	600E + 800N	soil sample - clay & gravel	< 5	30	4
3093	ENZ 2	200E + 1200N	soil sample - clay, sand & gravel	< 5	30	4
3094	ENZ 2	600E + 1200N	soil sample - clay & gravel	< 5	40	4
3095	ENZ 2	1000E + 1200N	soil sample - clay, sand & gravel	< 5	30	7
3096	ENZ 2	1400E + 1200N	soil sample - clay & gravel	< 5	60	9
3097	ENZ 2	2200E + 1200N	*siliceous to dacitic and andesitic tuffs and breccia tuff - thick, units - Hazelton - N80°E/5° - 10°SE	< 5	30	5
3098	ENZ 2	2200E + 400N	soil sample - clay, sand & gravel	< 5	50	9
3099	ENZ 2	1800E + 400N	soil sample - clay, sand & gravel	5	30	5
3100	ENZ 2	1400E + 400N	soil sample - clay, sand & gravel	< 5	30	6
3401	ENZ 1	1900W + 400N	*siliceous tuff - possible minor sulphide & silicification	< 5	50	3
3402	ENZ 1	2200W + 750N	*rhyolitic flows & breccia. Ootsa Lake group - bleached & baked	5	930	6
3403	West of ENZ 4	600S + 2800W	*baked and bleached, brecciated, rusty stained acid volcanics. Ootsa Lake Group.	< 5	40	3

Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3404	West of ENZ 4	600S + 3000W	*same as 3403 - close to contact with Quartz-Feldspar porphyry dike - N50°E/20°SE	<5	30	4
3405	West of ENZ 4	1000S + 4000W (approx.)	*bleached and baked acid pyroclastic unit - flat-lying Ootsa Lake Group.	<5	20	7
3501	ENZ 3	200E + 1200S	soil sample - clay sand & gravel	<5	30	5
3502	ENZ 3	600E + 1200S	soil sample - clay sand & gravel	5	20	7
3503	ENZ 3	1000E + 1200S	soil sample - clay sand & gravel	<5	30	5
3504	ENZ 3	1400E + 1200S	soil sample - clay sand & gravel	<5	40	5
3505	ENZ 3	1800E + 1200S	soil sample - clay sand & gravel	<5	30	4
3506	ENZ 3	2200E + 1200S	soil sample - clay sand & gravel	<5	30	6
3507	ENZ 3	2200E + 800S	soil sample - clay & gravel	<5	30	7
3508	ENZ 3	1800E + 800S	soil sample - clay & gravel	<5	40	6
3509	ENZ 3	1400E + 800S	soil sample - clay & gravel	<5	20	7
3510						
3511	ENZ 3	600E + 800S	soil sample - clay & gravel	<5	20	7
3512	ENZ 3	200E + 800S	soil sample - clay & gravel	10	30	6
3513	ENZ 1	600W + 400N	soil sample - mud	<5	40	4

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3514	ENZ 1	1000W + 400N	soil sample - clay & sand	< 5	40	4
3515	ENZ 1	1400W + 400N	*inclusions of hornfelsed chloritic tuff in feldspar porphyry dike - Ootsa Lake Group.	< 5	20	4
3516	ENZ 1	1400W + 400N	*feldspar porphyry intrusion - Ootsa Lake Group	< 5	20	3
3517	ENZ 1	1800W + 400N	soil sample - clay, sand & rock chips	5	30	6
3518	ENZ 1	2200W + 400N	soil sample - sand, clay & gravel	< 5	20	5
3519	ENZ 1	2200W + 800N	soil sample - clay, sand & gravel	5	50	7
3520	ENZ 1	1800W + 800N	soil sample - clay, sand & gravel	5	30	10
3521	ENZ 1	1400W + 800N	soil sample - clay, sand & gravel	< 5	20	14
3522	ENZ 1	1000W + 800N	*porphyritic basaltic plug - "Lower" Ootsa Lake Group	< 5	20	3
3523	ENZ 1	1000W + 800N	*mafic tuff inclusions in basalt plug - Hazelton prob "Lower" Ootsa Lake Group	5	30	5
3524	ENZ 1	600W + 800N	soil sample -	5	30	7
3525	ENZ 1	200W + 800N	soil sample -	15	20	6
3526	ENZ 3	200E + 400N	soil sample -	10	30	6

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3527	ENZ 2	200E + 00N	soil sample - mud & broken rock	<5	20	5
3528	ENZ 2	600E + 00N	soil sample - clay, sand & gravel	<5	20	6
3529	ENZ 2	1000E + 00N	soil sample - clay & gravel	<5	20	6
3530	ENZ 2	1400E + 00N	soil sample - clay & gravel	<5	20	7
3531	ENZ 2	1800E + 00N	soil sample - clay & gravel	<5	20	4
3532	ENZ 2	2200E + 00N	soil sample - clay & gravel	5	20	9
3533	ENZ 3	2200E + 400S	soil sample - clay & gravel	<5	40	3
3534	ENZ 3	1800E + 400S	soil sample - clay & gravel	<5	20	4
3535	ENZ 3	1400E + 400S	soil sample - clay & gravel	<5	30	5
3536	ENZ 3	1000E + 400S	soil sample - clay & gravel	5	20	4
3537	ENZ 1	200W + 1200N	soil sample - clay & gravel	<5	70	10
3538	ENZ 1	600W + 1200N	soil sample - clay & gravel	5	30	5
3539	ENZ 1	1000W + 1200N	soil sample - clay & gravel	<5	20	6
3540	ENZ 1	1225W + 1200N	*rhyolite - Ootsa Lake Group	5	70	10
3541	ENZ 1	1400W + 1200N	soil sample - clay & gravel	<5	30	6
3542	ENZ 1	1400W + 1600N	soil sample - clay & gravel	<5	30	6

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3543	ENZ 1	1800W + 1600N	soil sample - clay & gravel	5	50	9
3544	ENZ 1	1000W + 1600N	soil sample - clay, & gravel	<5	40	6
3545	ENZ 1	600W + 1600N	soil sample - clay & gravel	5	50	7
3546	ENZ 1	200W + 1600N	soil sample - clay & gravel	5	30	7
3547	ENZ 1	2200W + 1200N	*acid volcanoclastic unit - bleached and baked - Ootsa Lake Group	<5	520	5
3548	ENZ 1	200W + 2000N	soil sample - clay, sand & gravel	15	30	9
3549	ENZ 1	600W + 2000N	soil sample - clay, sand & gravel	5	30	5
3550	ENZ 1	1000W + 2000N	soil sample - clay & gravel	<5	30	3
3551	ENZ 1	1400W + 2000N	soil sample - clay & gravel	<5	20	6
3552	ENZ 1	1800W + 2000N	soil sample - clay, sand & broken rock	<5	20	6
3553	ENZ 1	2200W + 2000N	soil sample - clay & gravel	<5	30	6
3554	ENZ 1	1800W + 2400N	soil sample - clay & gravel	<5	30	6
3555	ENZ 1	1400W + 2400N	soil sample - clay, sand & gravel	5	20	5
3556	ENZ 1	1000W + 2400N	soil sample - clay & gravel	5	20	6
3557	ENZ 1	600W + 2400N	soil sample - clay & gravel	5	40	5
3558	ENZ 1	200W + 2400N	soil sample - clay & gravel	<5	40	6

Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3559	ENZ 2	1000E + 400N	soil sample - sand & gravel	< 5	20	9
3560	ENZ 2	600E + 400N	soil sample - sand & gravel	< 5	30	4
3561	ENZ 2	200E + 400N	soil sample - clay & gravel	< 5	30	5
3562	ENZ 2	200E + 2000N	soil sample - clay, sand & gravel	< 5	30	5
3563	ENZ 2	600E + 2000N	soil sample - clay & gravel	< 5	30	9
3564	ENZ 2	1000E + 2000N	soil sample - clay & gravel	5	30	6
3565	ENZ 2	1400E + 2000N	soil sample - clay & gravel	< 5	30	9
3566	ENZ 2	1800E + 2000N	soil sample - sand, clay & gravel	5	20	6
3567	ENZ 2	2200E + 2000N	soil sample - sand, clay & gravel	5	30	7
3568	ENZ 2	2200E + 1600N	soil sample - clay & gravel	< 5	20	6
3569	ENZ 2	1800E + 1600N	soil sample - clay & gravel	5	30	5
3570	ENZ 2	1400E + 1600N	*massive dacitic to andesitic tuffs exhibiting gentle (0-5°) SE dips - Hazelton Group	< 5	70	39
3571	ENZ 2	600E + 1600N	soil sample - clay & gravel	< 5	30	5
3572	ENZ 2	200E + 1600N	soil sample - clay & gravel	< 5	30	4
3573	ENZ 2	150E + 2430N	*vertically jointed E.W. striking intermediate massive tuffs - Hazelton	< 5	30	32

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3574	ENZ 2	1400E + 2400N	soil sample - clay & gravel	5	60	9
3575	ENZ 2	1800E + 2400N	soil sample - clay & gravel	10	40	9
3576	ENZ 2	2200E + 2400N	*broken fragments of Hazelton tuff - may be glacial	15	30	50
3577	ENZ 2	2200E + 2800N	soil sample - clay & gravel	10	70	9
3578	ENZ 2	1800E + 2800N	soil sample - clay & gravel	5	120	7
3579	ENZ 2	1400E + 2800N	soil sample - clay & gravel	10	650	19
3580	ENZ 2	800E + 1200N 900E	*kaolinized to silicified and bleached acid volcanics and associated tuffs - minor brecciation and silica infilling along a shear trend of N30°E - exposure on east side of shear only.	5	240	17
3581	ENZ 2	850E + 1220N	*same as 3580	5	410	12
3582	ENZ 2	850E + 1230N	*same as 3580	5	190	9
3583	ENZ 2	850E + 1240N	*same as 3580	5	1700	43
3584	ENZ 2	850E + 1250N	*same as 3580	5	830	23
3585	ENZ 2	800E + 1000N	*abundant fracturing and brecciation with associated secondary silicification and abundant sulphide mineralization associated with the secondary silicification adjacent to a N30°E trending shear zone. Outcrop on east side of shear zone only.	5	260	395

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3586	ENZ 2	800E + 1000N	*same as 3585 - progressively less silicification and greater kaolinization to the south-east of the shear zone - most samples, however, contain appreciable amounts of secondary siliceous breccia and fracture infillings. Sulphide mineralization decreases away from the shear zone. Secondary Silica veining is erratic.	5	310	160
3587	ENZ 2	800E + 1000N	*same as 3586	10	400	500
3588	ENZ 2	800E + 1000N	*same as 3586	10	100	110
3589	ENZ 2	800E + 1000N	*same as 3586	5	50	45
3590	ENZ 2	800E + 1000N	*same as 3586	10	60	15
3591	ENZ 2	800E + 1000N	*same as 3586	10	70	22
3592	ENZ 2	800E + 1000N	*same as 3586	5	90	29
3593	ENZ 2	860E + 1000N	*same as 3586	5	80	20

N.B.

symbol * denotes rock chip sample

symbol < indicates "Less Than"

SUMMARY

BEAR GRID

63
6

69

ENZ CLAIMS

148
48

196

soil samples
rock chip samples

Total Samples

COMBINED

211 soil samples
54 rock chip samples
265 Total Samples

BEAR GRID
ENZ 2
SAMPLE DESCRIPTIONS
AND
ANALYSIS RESULTS

<u>Sample Number</u>	<u>Claim</u>	<u>Coordinates</u>	<u>Sample Description</u>	<u>Au (ppb)</u>	<u>Hg (ppb)</u>	<u>As (ppm)</u>
3301	ENZ 2	1000E + 700N	soil sample - sandy gravel - stream sediments	15	30	3
3302	ENZ 2	900E + 700N	soil sample - gravel & clay	95	30	4
3303	ENZ 2	700E + 700N	soil sample - gravel & clay	20	20	3
3304	ENZ 2	600E + 700N	soil sample - gravel & clay	15	20	3
3305	ENZ 2	500E + 700N	soil sample - glacial debris - sand, clay & boulders	5	20	5
3306	ENZ 2	400E + 700N	soil sample - clay	10	30	6
3307	ENZ 2	300E + 700N	soil sample - gravel & clay	15	30	3
3308	ENZ 2	200E + 700N	soil sample - clay & subsoil - gravel	10	90	6
3309	ENZ 2	150E + 700N	*feldspar-biotite porphyry intrusion may be a dike - N60°E - Lower Ootsa Lake Group	5	20	10
3310	ENZ 2	100E + 700N	soil sample - clay & gravel	10	30	3
3311	ENZ 2	00 + 700N	soil sample - clay & gravel	5	50	4
3312	ENZ 2	00 + 800N	soil sample - clay & gravel	5	20	3
3313	ENZ 2	00 + 900N	soil sample - clay, gravel & sand	5	60	7
3314	ENZ 2	00 + 950N	*bleached flow-banded rhyolite flows and breccia - Ootsa Lake Group	5	520	19

Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3315	ENZ 2	00 + 1100N	soil sample - muddy clay & pebbles	5	40	3
3316	ENZ 2	00 + 1200N	soil sample - rusty clay & gravel	10	50	4
3317	ENZ 2	100E + 1200N	soil sample - clay & gravel	5	30	4
3318	ENZ 2	200E + 1200N	soil sample - gravel & clay	5	20	3
3319	ENZ 2	300E + 1200N	soil sample - gravel & sand	5	20	4
3320	ENZ 2	400E + 1200N	soil sample - gravel & sand	10	20	3
3321	ENZ 2	500E + 1200N	*rhyolite pyroclastic unit or brecciated flows - bleached, silicified sections.	< 5	100	23
3322	ENZ 2	600E + 1200N	*soil - rock chip - no O.C. - same as 3321.	< 5	80	7
3323	ENZ 2	700E + 1200N	soil sample - gravel & sand	10	30	4
3324	ENZ 2	900E + 1200N	soil sample - boulders, sand & clay	5	30	4
3325	ENZ 2	1000E + 1200N	*possible intrusive - very siliceous - Ootsa Lake Group gossan specks	15	20	4
3326	ENZ 2	900E + 1100N	soil sample - gravel clay, boulders - glacial debris.	< 5	40	11
3327	ENZ 2	800E + 1100N	soil sample - gravel	< 5	30	11
3328	ENZ 2	600E + 1100N	soil sample - gravel	< 5	50	7
3329	ENZ 2	1000E + 800N	soil sample - boulders, sand, gravel & clay	< 5	30	5

Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3330	ENZ 2	500E + 1100N	soil sample - gravel	<5	40	7
3331	ENZ 2	400E + 1100N	soil sample - well sorted pebbly sand	<5	40	7
3332	ENZ 2	100E + 1100N	soil sample - clay & gravel	<5	40	7
3333	ENZ 2	100E + 1000N	soil sample - coarse gravel & clay	5	70	10
3334	ENZ 2	200E + 1000N	soil sample - gravel & clay	5	60	11
3335	ENZ 2	300E + 1000N	soil sample - sandy gravel	10	50	6
3336	ENZ 2	400E + 1000N	soil sample - clay & gravel	5	40	7
3337	ENZ 2	900E + 1250N	soil sample - stream sediment concentrate	10	30	16
3351	ENZ 2	00 + 1300N	soil sample - clay, sand & gravel	<5	40	10
3352	ENZ 2	100E + 1300N	soil sample - sand, clay & pebbles	10	30	7
3353	ENZ 2	200E + 1300N	soil sample - sand, clay & pebbles.	15	40	7
3354	ENZ 2	300E + 1300N	soil sample - sand, clay & pebbles	<5	30	7
3355	ENZ 2	400E + 1300N	soil sample - sand, clay & pebbles	<5	50	6
3356	ENZ 2	500E + 1300N	*rhyolitic unit - bleached, brecciated, silicified	5	170	16
3357	ENZ 2	600E + 1300N	soil sample - clay, sand & pebbles	<5	20	7
3358	ENZ 2	700E + 1300N	soil sample - clay, sand & pebbles	<5	30	7
3359	ENZ 2	800E + 1300N	soil sample - clay, sand & pebbles	5	30	5

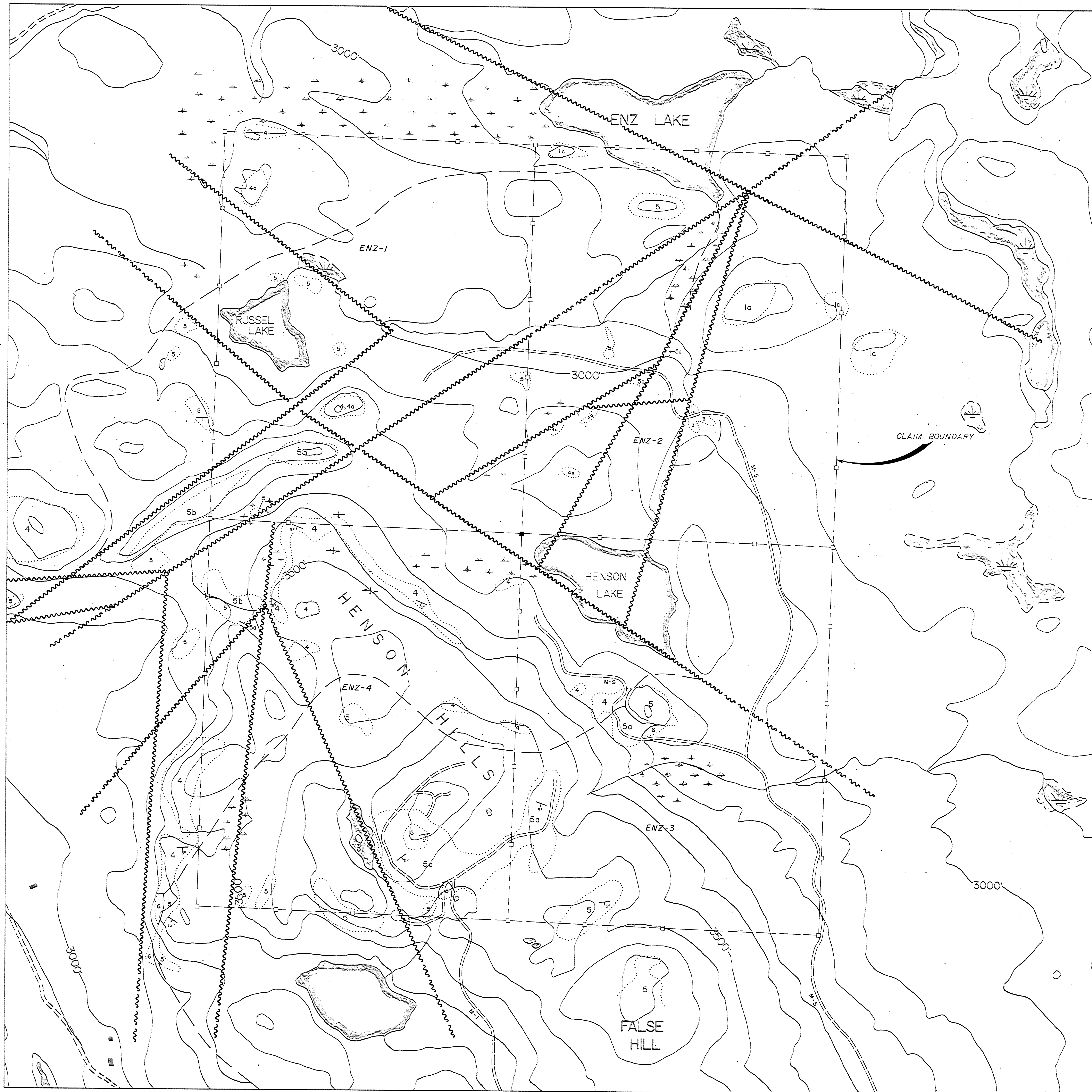
Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3360	ENZ 2	900E + 1300N	soil sample - clay, sand & pebbles.	< 5	20	6
3361	ENZ 2	1000E + 1300N	soil sample - clay, sand & pebbles	< 5	20	6
3362	ENZ 2	1000E + 1100N	soil sample - clay, sand & pebbles	< 5	20	23
3363	ENZ 2	1000E + 1000N	soil sample - clay, sand & pebbles	< 5	20	6
3364	ENZ 2	1000E + 900N	soil sample - clay, sand & pebbles	10	30	5
3365	ENZ 2	900E + 800N	soil sample - sand	< 5	30	5
3366	ENZ 2	800E + 800N	soil sample - clay, sand & pebbles	5	30	7
3367	ENZ 2	700E + 800N	soil sample - clay sand & pebbles	< 5	20	4
3368	ENZ 2	600E + 800N	soil sample - clay, sand & pebbles	< 5	30	9
3369	ENZ 2	500E + 800N	soil sample - clay, sand & pebbles	< 5	30	6
3370	ENZ 2	425E + 800N	*feldspar - biotite porphyry intrusive	< 5	30	3
3371	ENZ 2	300E + 800N	soil sample - clay, sand & pebbles	5	40	14
3372	ENZ 2	200E + 800N	soil sample - clay, sand & broken rock	< 5	40	9
3373	ENZ 2	100E + 800N	soil sample - clay, sand & pebbles	< 5	30	6
3374	ENZ 2	100E + 900N	soil sample - clay, sand & pebbles	< 5	40	6
3375	ENZ 2	200E + 900N	soil sample - clay, sand & pebbles	< 5	30	7
3376	ENZ 2	300E + 900N	soil sample - clay, sand & pebbles	5	30	6

Sample Number	Claim	Coordinates	Sample Description	Au (ppb)	Hg (ppb)	As (ppm)
3377	ENZ 2	400E + 900N	soil sample - clay sand & pebbles	<5	40	9
3378	ENZ 2	500E + 900N	soil sample - clay sand & pebbles	<5	30	10
3379	ENZ 2	600E + 900N	soil sample - clay	<5	30	9
3380	ENZ 2	700E + 900N	soil sample - clay sand & pebbles	<5	40	9
3381	ENZ 2	800E + 900N	soil sample - clay sand & pebbles	5	30	9
3382	ENZ 2	900E + 900N	soil sample - clay sand & pebbles	<5	40	9
N.B.	-----	550E + 1000N to 700E + 1000N - see samples numbers 3385 thru 3393 inclusive.				
N.B.	-----	850E + 1200N - see samples 3580 thru 3584 inclusive.				
N.B.	symbol *	denotes rock chip sample				
	symbol <	indicates "less than"				

SUMMARY

63 soil samples
6 rock chip samples

69 Total Samples



LEGEND

QUATERNARY

7 till, gravel, sand, clay, silt

TERTIARY

MIOCENE AND ?LATER

6 ENDAKO GROUP - vesicular and amygdaloidal andesite and basalt, flow breccia, tuff, pyroclastic and volcanoclastic breccias, minor sediments

6a necks, plugs, dikes

PALEOCENE ? EOCENE AND OLIGOCENE

5 UPPER OOTSA LAKE GROUP - rhyolite and dacite flows

5a siliceous and felsic ash tufts, volcanoclastic breccias, conglomerate

5b rhyolitic to dacitic dikes, necks, and plugs - often porphyritic

CRETACEOUS AND ?TERTIARY

UPPER CRETACEOUS AND ?PALEOCENE

4 LOWER OOTSA LAKE GROUP - basalt, andesite and related tufts and volcanoclastic - pyroclastic breccia

4a basaltic to andesitic dikes, necks, and plugs - often porphyritic

JURASSIC AND/OR CRETACEOUS

UPPER JURASSIC - LOWER CRETACEOUS - MID-CRETACEOUS

3 granodiorite, quartz diorite

JURASSIC

UPPER JURASSIC

2 HAZELTON GROUP - argillite, argillaceous limestone, shale, calcareous sandstone, conglomerate

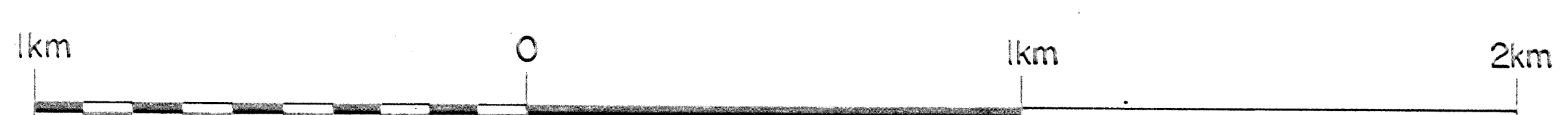
MIDDLE JURASSIC

1 HAZELTON GROUP - minor rhyolite and related tufts

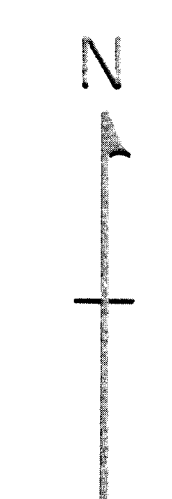
1a intermediate tufts and breccias, conglomerate, greywacke, argillite

SYMBOLS

- Geological Contact
- Outcrop
- X $\frac{1}{2}$ 5° Strike and Dip - horizontal, inclined, vertical
- Joints - inclined, vertical
- Fault - observed, assumed
- □ Legal Corner Post, Claim Post
- 3000 Elevation Contour (feet)
- Dirt Roads



Scale 1:10,000

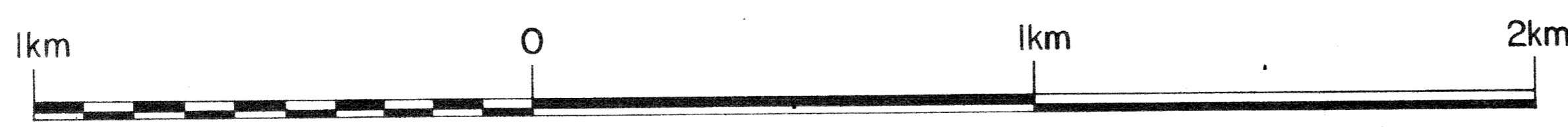
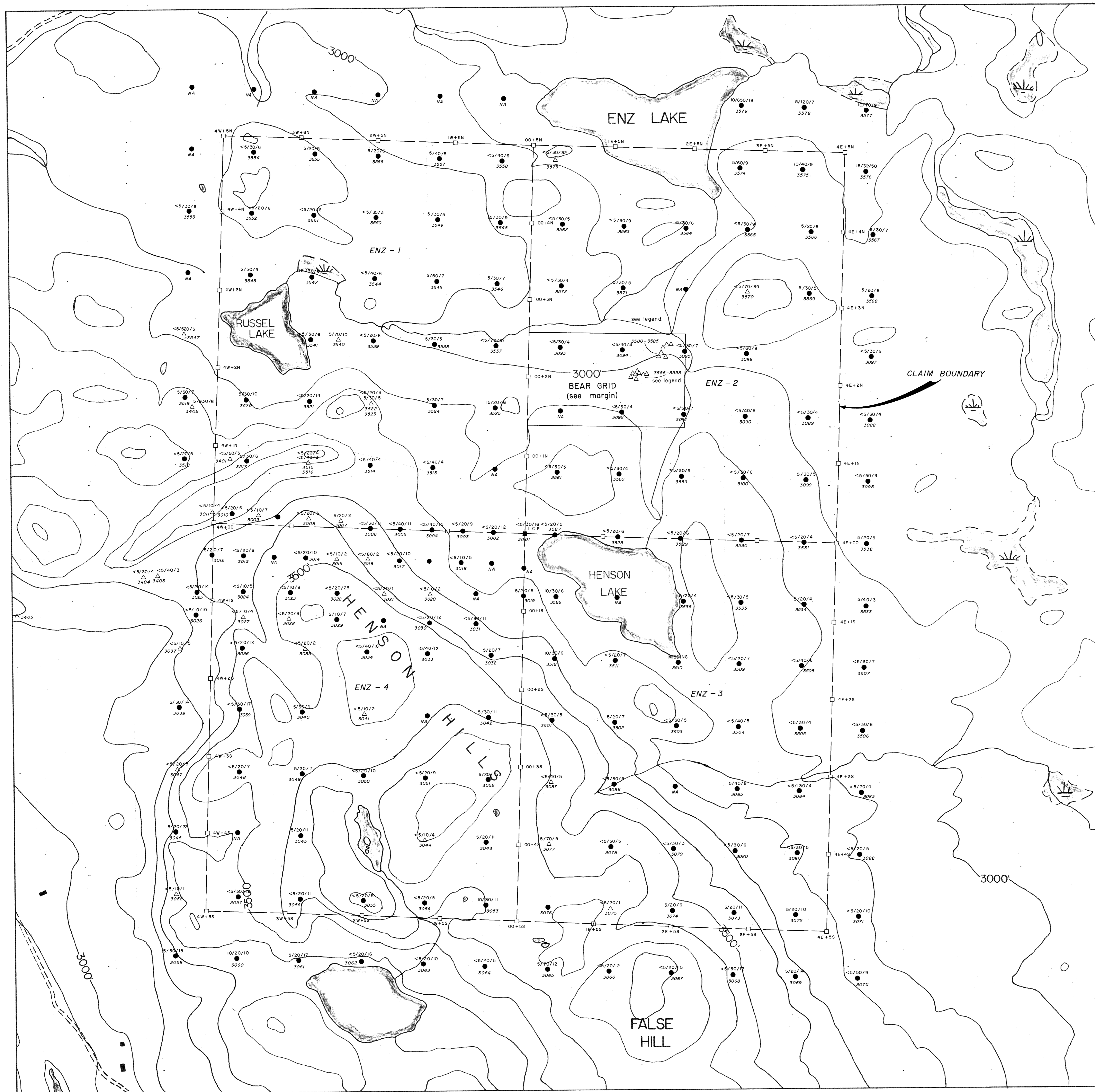


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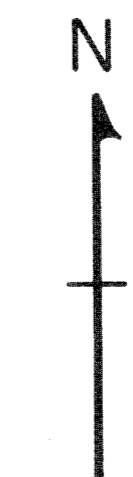
SELCO INC. EXPLORATION WESTERN CANADA

ENZ GROUP GEOLOGY

DRAWN BY K.W.H.	DATE APR 1981	N.T.S.	PLAN
TRACED BY J.L. and H.M.C.	DATE MAY-AUG 1981	93F12	WC-74



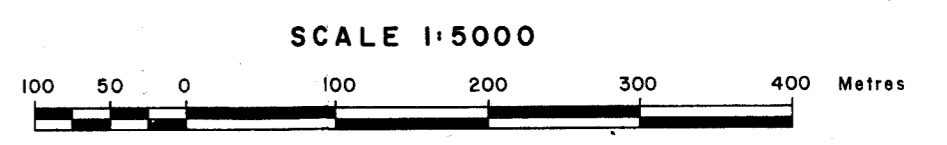
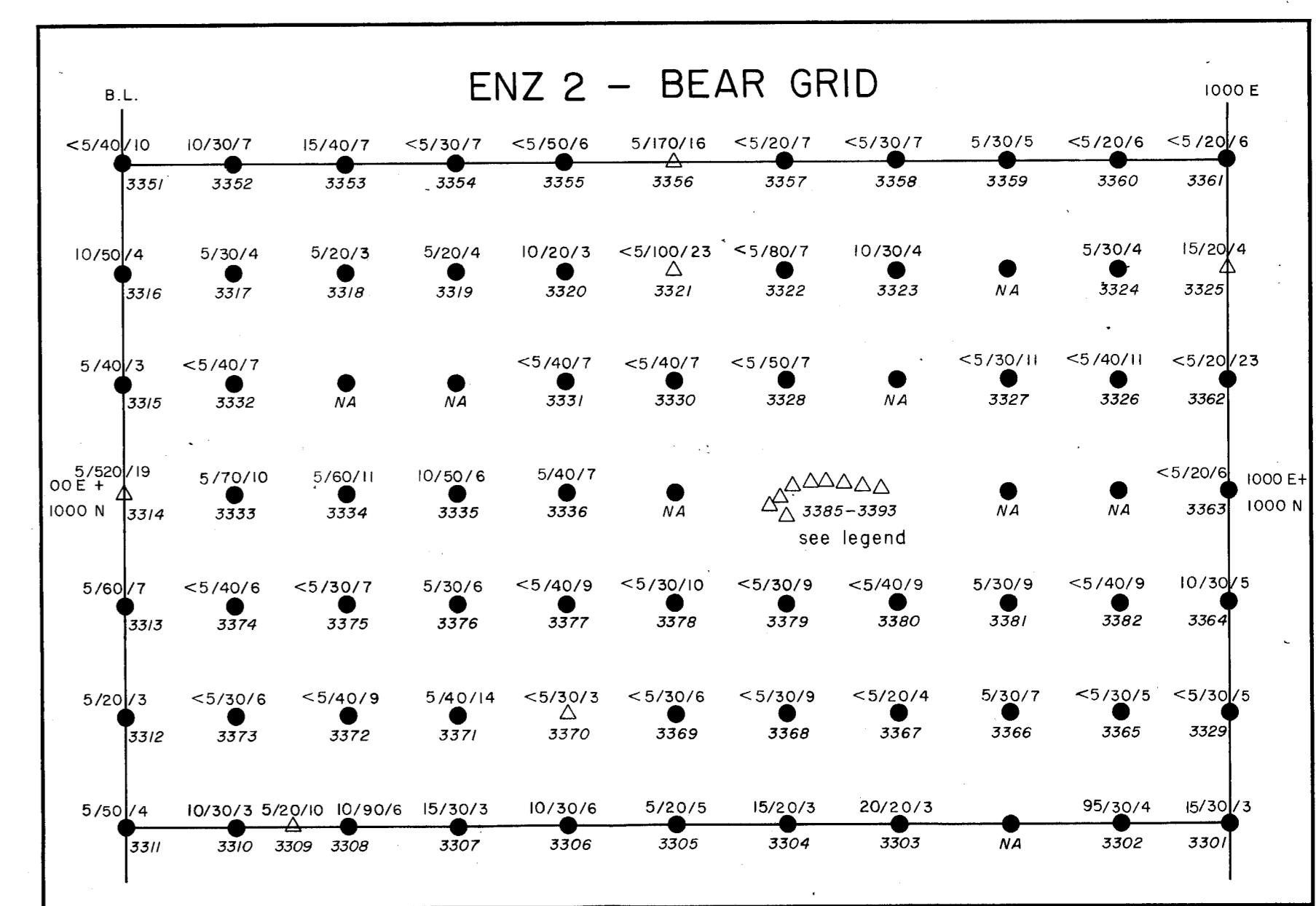
Scale 1:10,000



LEGEND

- Soil Sample Location and Number
- △ Rock Sample Location and Number
- NA Not Analyzed
- 5/25/5 Au(ppb)/Hg(ppb)/As(ppm) Geochemical Values

3580 ... 5/24/17	3586 ... 5/31/60
3581 ... 5/41/12	3587 ... 10/40/7500
3582 ... 5/19/19	3588 ... 10/100/110
3583 ... 5/1700/43	3589 ... 5/50/45
3584 ... 5/830/23	3590 ... 10/60/15
3585 ... 5/260/395	3591 ... 10/70/22
	3592 ... 5/90/29
	3593 ... 5/80/20
3385 ... 5/260/395	
3386 ... 5/310/160	
3387 ... 10/400/8000	
3388 ... 10/100/110	
3389 ... 5/50/45	
3390 ... 10/60/15	
3391 ... 10/70/22	
3392 ... 5/90/29	
3393 ... 5/80/20	



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ENZ GROUP GEOCHEMISTRY
Au(ppb)/Hg(ppb)/As(ppm)

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