85-927-14100

REPORT ON THE

GEOCHEMICAL SURVEY

CONDUCTED ON THE

SAB 9 MINERAL CLAIM

VERNON MINING DIVISION

BRITISH COLUMBIA

N.T.S. 82E/15E

LONGITUDE 118° 42'W AND LATITUDE 49° 54'N

OWNER OF CLAIMS: MOHAWK OIL CO. LTD.

AUTHOR: B. CALLAGHAN, B. SC.

DATE: NOVEMBER 1985

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DRAWINGS AND TABLES

INTRODUCTION

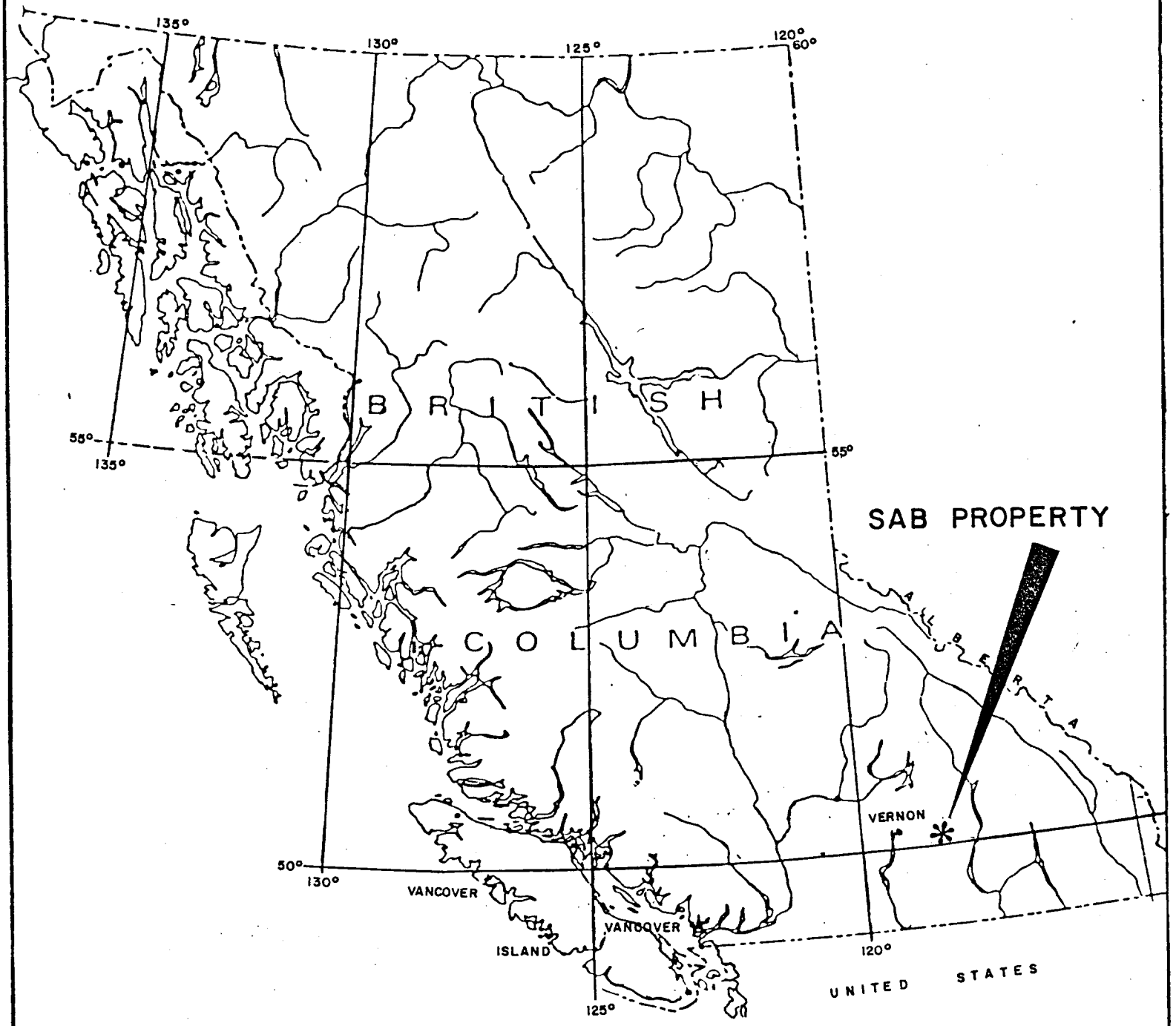
Preliminary exploration on a small part of the SAB 9 mineral claim was centered on a epithermal alteration zone exposed by logging activities in 1984. Field work under the direction of M.W. Waldner, Manager, Minerals Division, Mohawk Oil Co. Ltd., was conducted between October 14, 1985 and October 28, 1985 and included geochemical soil surveying and cut mapping and sampling. The property lies to the south of the SAB 1-8 group of claims on strike with a possible gold bearing epithermal system indicated by intense alteration zones.

SUMMARY

A significant alteration zone exposed on the SAB 9 mineral claim may represent the footwall alteration of an east dipping, epithermal system of gold, silver bearing veins infilling a series of parallel north to northeast trending fault systems. Zinc, lead and copper soil geochem anomalies may represent eastwest cross cutting structures within the footwall, mineralized with sphalerite, galena and chalopyrite. Lower gold geochemical values may indicate that a gold bearing zone does not exist or is not exposed. A programme of prospecting, mapping, heavy mineral sampling and IP-resistivity surveys is recommended to determine the potential for epithermal veins as indicated by the intense alteration zone and bench areas.

LOCATION AND ACCESS

The SAB 9 claim is located in the Monashee district of the Vernon Mining Division of British Columbia. The claim is centred at approximately 118° 42' W longitude and 49° 55' N latitude, on NTS map sheet 82E/15E (see Figure 1).



SCALE

100 50 0 100 200 300 400 Km.

MOHAWK OIL CO. LTD.	
SAB PROPERTY KETTLE RIVER AREA, B.C.	
LOCATION MAP	
DATE: OCTOBER 85	FIGURE: 1

The property is located approximately 75km southeast of Vernon, on the Kettle River. Haggart creek drains into the Kettle River and flows easterly adjacent to the north boundary of the claim.

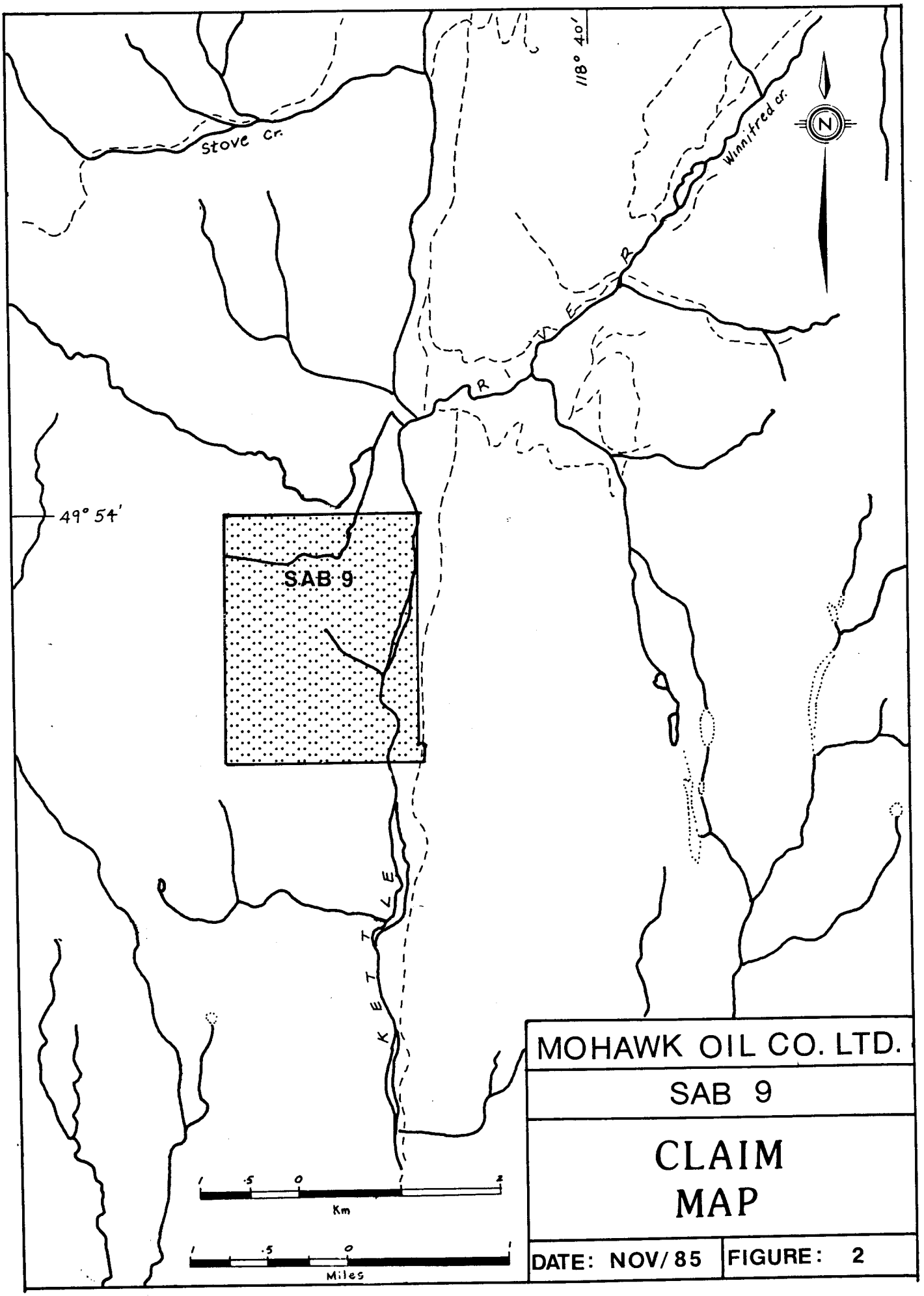
Access to the property is gained by a gravel Forestry Access Road, which joins Highway 6 at Spruce Grove 99km by road from Vernon. The claim is approximately 23 kilometers from Highway 6. Alternative access can be gained via the same gravel access road from Rock Creek on Highway 33, about 110km south of the property.

Within the property boundaries, access is facilitated by a logging road and numerous skid trails.

PHYSIOGRAPHY AND VEGETATION

The property is located on the eastern boundard of the Okanagan Highland, a division of the Interior Plateau System immediately west of the Monashee Mountains. Relief is moderate, rising from an elevation of 900m at the Kettle River, which intersects the property, to 1,550m in the western part of the property.

Minor creeks as well as Haggart Creek to the north of the claim area flow into the Kettle River. Outcrops are limited to stream canyons and ridge tops. Overall rock exposure is less than 15%. Vegetation on the property consists of spruce, jack pine, larch, balsam and alder. Approximately 10% of the property has been logged during the past 10 - 12 years. Secondary stands of pine and fir are established in some of the older logged areas in the northern half of the claim.



MOHAWK OIL CO. LTD.

SAB 9

CLAIM MAP

DATE: NOV/85 | FIGURE: 2

CLAIMS AND OWNERSHIP

The property is outlined on Figure 2. The modified grid claim includes:

CLAIM NAME	RECORD NUMBER	DATE OF RECORD	UNITS	APPROXIMATE AREA (ACRES)
SAB 9	1916	December 5, 1984	20	1,225

HISTORY

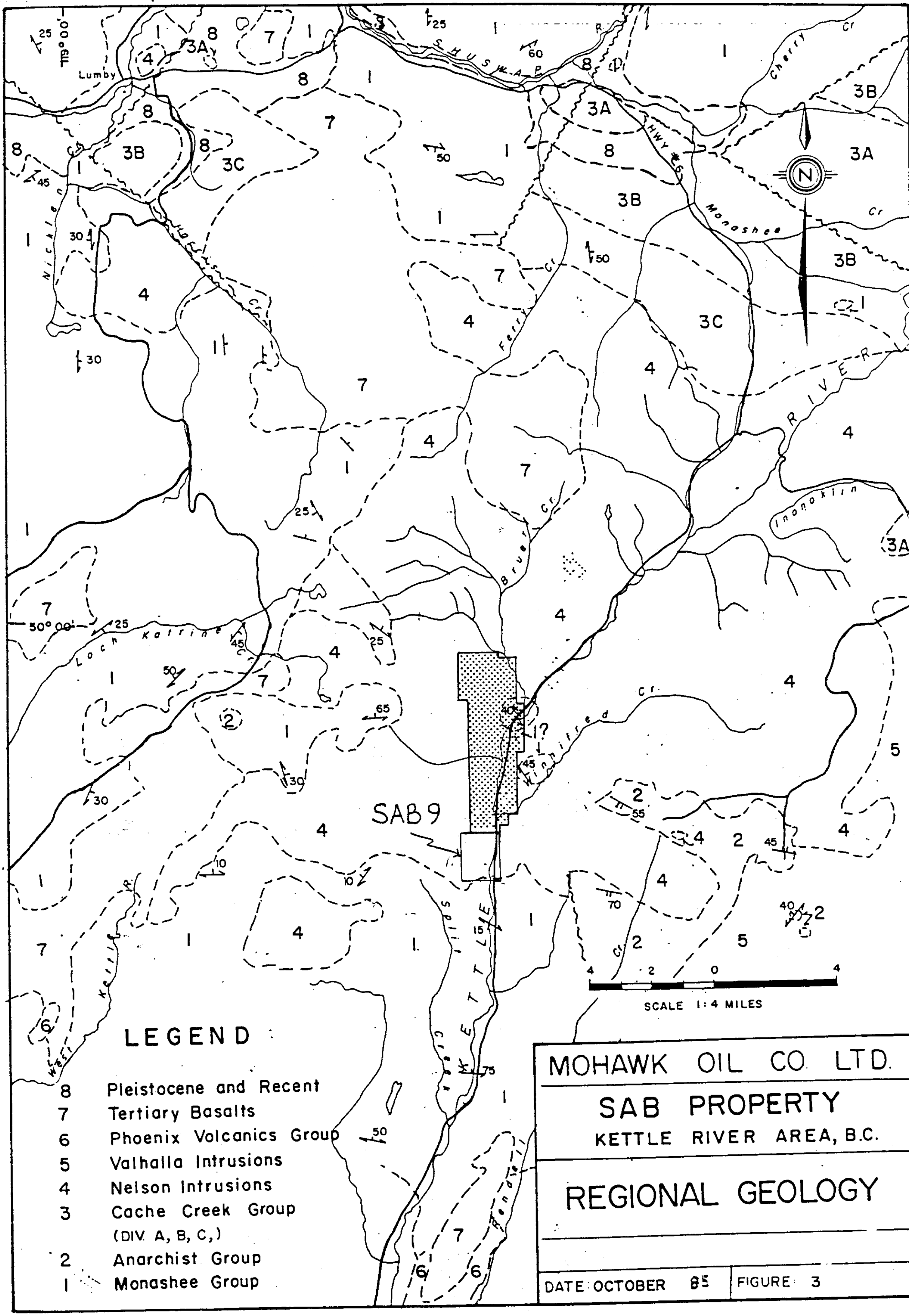
The property is located in the vicinity of the Lightning Peak Camp, which produced high grade silver ore until the mid 1930's, and the Monashee Camp which produced lode and placer gold and silver ore from the mid-nineteenth century until early in the twentieth century. Renewed interest in gold-silver mineralization has occured in the Lightning Peak area about 15 kilometers east of the property and in the Monashee Pass-Keefer Lake area approximately 10 kilometers north of the property.

In addition, large epithermal alteration zones have been exposed on adjacent claims to the north of SAB 9. These include SAB 1-5 which were initially staked in 1972 and SAB 6-8 staked later, after galena, sphalerite and pyrite mineralization containing silver and gold values was discovered.

SAB 9 was staked after a suspected epithermal alteration zone was exposed in a road cut during logging operations in 1984.

REGIONAL GEOLOGY

The SAB 9 claim is in an area of the Interior Plateau of British Columbia that is dominated by granitic rocks. The rocks in this area are mapped as


Lumby
SHUSWAP R
HWY #6
Monashee Cr
Cherry Cr
RIVER
Inonoklin
Nicklen Cr
Harris Cr
Ferry Cr
Bruer Cr
Loch Katrine Cr
Winifred Cr
Spill Creek
KETTLE
West Kettle R
Rendell Cr
50°00'
SAB 9
SCALE 1:4 MILES
LEGEND
8 Pleistocene and Recent
7 Tertiary Basalts
6 Phoenix Volcanics Group
5 Valhalla Intrusions
4 Nelson Intrusions
3 Cache Creek Group
(DIV. A, B, C,)
2 Anarchist Group
1 Monashee Group
MOHAWK OIL CO. LTD.
SAB PROPERTY
KETTLE RIVER AREA, B.C.
REGIONAL GEOLOGY
DATE OCTOBER 85
FIGURE 3

the Cretaceous (?) Nelson or Valhalla Intrusions and tentatively grouped together into the Greater Nelson Batholith. The Batholith is composed of granite, porphyritic granite, granodiorite, diorite, monzonite and quartz monzonite.

Roof pendants of Anarchist Group volcanic and sedimentary rocks exist in the area. Little (1957) shows small areas tentatively identified as Monashee (?) Group rocks. Late stage basalt and lamprophyre dykes intrude the older volcanic sedimentary and granitic rocks. These dykes are possibly Tertiary in age and related to the Kamloops Group Tertiary basalts.

Mineralization in the region is hosted by the intrusives and the volcanic and sedimentary rocks. The recent basaltic rocks generally post-date the base and precious metal mineralization as indicated to the north of the SAB 9 claim area.

PROPERTY GEOLOGY

The SAB 9 claim is underlain primarily by granitic rocks of the Greater Nelson Batholith. Several minor outcroppings along the Stove Creek logging road consist of coarse grained porphyritic granodiorite. The granodiorite consists mainly of 45% plagioclase, 25% quartz and 20% potassium feldspar with lesser amounts of biotite. Alteration is weak and consists mainly of chloritization of the biotite.

Elsewhere, alteration in the road cut exposure is pervasive, propylitic alteration consisting mainly of chlorite, epidote, sericite, calcite and

hematite. Minor kaolinized silicic zones that trend 290° - 295° may represent the surface expression of quartz or quartz calcite veins and veinlets infilling minor eastwest trending structures as mapped on the road cut (see Drawing 2). These structures may represent eastwest splays of what might be a major north to northeast striking fault system with parallel faults as depicted by various topographic and physical features of the Kettle River Valley.

Roof pendants of Permian (?) Anarchist Group Sediments occur at the southend of the road cut exposure in the form of highly altered contorted graphitic argillites and minor andesite.

MINERALIZATION

Mineralization on the SAB 9 claim may be related to a structurally controlled epithermal system of gold, silver bearing quartz veins infilling a series of parallel north to northeast trending fault systems. The topographical expression of the major fault systems includes the Kettle River. Also indicated, are a series of flat benches on the claim to the east of the Stove Creek logging road west of the Kettle River. These benches may represent areas of recessive weathering due to relatively soft alteration zones. The pervasive propylitic alteration and minor eastwest splays may represent the footwall alteration in a east dipping north to northeast trending fault.

Apart from traces of pyrite, no sulphides or silver were seen. Chips samples 2251 - 2253 indicate the presence of minor copper, lead and zinc

mineralization and the absence of gold. The lack of gold mineralization in the rock samples may indicate that the sulphide mineralization is related to the eastwest structures in which filling predated the epithermal gold event; the possible gold bearing zone occurs at depth; the gold mineralization has been removed by erosion; the hydrothermal fluids did not carry gold.

GEOCHEMISTRY

The geochemical survey was conducted over a grid established by chain and compass survey. The location of the grid was controlled by the location of Haggart Creek which was surveyed from the bridge is kilometer 75 on the Stove Creek road.

Eleven grid lines were placed 50 meters apart and each was 400 meters long. Soil sample sites along these lines were at approximately 50 meter intervals. A total of 99 soil samples were collected over the survey area which covers approximately .25 square kilometers.

The samples collected consisted of B-horizon, weakly to intensly oxidized soil. This horizon was generally well developed varying in thickness from five to twenty centimeters below an A-horizon which averaged about 10 centimeters in thickness. A mattock was used to dig the sample hole. The organic matter and coarse rock debris was discarded and the sample put into a waterproof brown paper sample bag. The grid location, soil type, sample depth, and color of sample was noted for each sample and the sample site marked in the field with flagging. All samples were air dried and shipped to Acme Analytical Laborities Ltd. in Vancouver, B.C. for analyses.

The total sample was pulverized to minus 80 mesh. A 0.5 gram portion of the soil sample was digested in 3 millimeters of 3-1-3 Hcl-HNO_3-H_2O at 95 degrees C. for one hour and then diluted to 10 milliliters with water. Geochemical I.C.P. analysis was then performed for ten elements; values for copper, lead, zinc, silver and gold were statistically analysed and the individual values plotted on plans while manganese, arsenic, uranium, thorium, antimony and tungsten values were noted but not plotted. A 10 gram portion of the soil sample was analyzed for gold by fire assay and atomic absorption. The gold, silver, zinc, copper and lead values have been plotted on single element maps at a scale of 1:2500 (see Drawings 3 to 8.

TREATMENT OF GEOCHEMICAL DATA

The mean and standard deviation were calculated for each element. Subanomalous, anomalous and second order anomalous values were identified. Table 1 illustrates the geochemical parameters. The mean value plus one standard deviation was considered to be subanomalous and important as a possible indicator of mineralization. Two standard deviations plus the mean value were considered anomalous. Second order anomolies were considered to be values greater than two standard deviations plus the mean value. The contour interval used on each element map was based on the standard deviation and the mean.

	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)
X	1.38	0.24	12.05	79.59	10.75
SX	1.149	0.17	4.5	45.24	10.35
CONTOUR INTERVAL	-	.2	4	45	10
SUB ANOMALONS	2.5	.4	16	125	20
ANOMALONS	3.6	.6	20	170	30
2ND ORDER ANOMALONS	4.6	.8	24	215	40

N.B. Gold values were considered to be insignificant and only a value of 11 ppb is contoured at the 10 ppb value.

INTERPRETATION OF GEOCHEMISTRY

The soil sample grid was centered over the exposed alteration zone. The geochemical results for gold are generally low as illustrated on Drawing No. 3 with the highest value of 11 ppb located on line 2+50N.

The most significant areas for possible mineralization are associated with eastwest structures as depicted by both the drainage systems that trend NW/SE and the anomalies themselves. The anomalies lie between lines 2+50S and 2+00S and lines 0+00N and 0+50N in close proximity to the 0+00E/W base line. Here, anomalous values of zinc up to 252 ppm are coincident with anomalous lead. Anomalous copper values as high as 77 ppm are also coincident with lead and zinc values on lines 2+50S and 2+00S. Significant values of zinc on line 1+50S 3+00E may represent the eastern extension of

the northeast, southwest trending anomaly centered on line 0+00N/S. There is also a silver anomaly of 1.6 ppm on line 1+50N, 1+50E which is coincident with 26 ppm lead and 66 ppm copper.

CONCLUSIONS AND RECOMMENDATIONS

Coincident zinc, lead and copper soil anomalies may represent sphalerite, galena and chalcopyrite mineralization associated with crosscutting structures in the footwall of a major north to northeast trending fault system. Low gold values in both the soil and rock samples may indicate that the filling of the crosscutting structures predates a major epithermal gold event associated with north striking faults, gold does not occur or is not exposed. Flat lying, north/south trending benches east of the Stove Creek logging road, may represent differing intensities of alteration associated with the north fault systems.

A programme of prospecting over the entire claim area for additional exposures of intense hydrothermal alteration is recommended in conjunction with geological mapping. IP-Resistivity surveys over suspected alteration zones would assist in locating alteration zones associated with epithermal veins and determining the geometry of these structures, especially to the east of the Stove Creek logging road on the hanging wall side of the main north striking fault. It is also recommended that dredge sampling be used to determine if any of the creeks draining the SAB 9 mineral claim carry gold.

AUTHOR'S QUALIFICATIONS

BRIAN CALLAGHAN

I graduated from Brandon University, Manitoba in 1980 with a Bachelor of Science Degree in Geology. The following is a synopsis of my employment experience.

June - October 1980	ESSO MINERALS CANADA - Geological Assistant Exploration in N. Manitoba, N. Sask., N. British Columbia, and various properties in the Stewart area of B.C.
Feb. 1981 - Apr. 1985	MOHAWK OIL CO. LTD. - Mining Division Exploration Geologist - Responsible for field supervision of exploration programs in Southern B.C.
April - August 1985	SEVEN MILE HIGH RESOURCES INC. - Exploration Geologist - Responsible for VLF-EM, Magnetic, and soil geochemistry surveys, sampling - percussion drilling program in B.C.
August - October 1985	SEARCHLIGHT RESOURCES INC. - Exploration Geologist Responsible for trenching and drilling program in Rancheria area of Yukon.
October - November 1985	MOHAWK OIL CO. LTD. - Minerals Division Exploration Geologist - Conducting exploration programs in Southern B.C.

DATED: 29th November 1985

SIGNED: B. Callaghan

Brian Callaghan
Exploration Geologist
Minerals Division
MOHAWK OIL CO. LTD.

BIBLIOGRAPHY

JONES, A.G. (1959) Vernon Map Area, British Columbia; GSC MEM. 296.

LITTLE, H.W. (1959) Kettle River (East Half) Map Area, British Columbia; GSC Map 6 - 1957

SMITH, M. (1984) Report on the SAB Claims Property, Vernon Mining Division, British Columbia, Private Report

APPENDIX I

ITEMIZED COST STATEMENT

PERSONNEL/ EQUIPMENT	TASK	DAYS WORKED	PAY SCALE	TOTAL COST
B. Callaghan	Mapping & Sampling	6 days	$150/day	$ 900.00
Geologist	Report Prep. & Interpre.	4 days		600.00
S. Maltby	Sampling	6 days	$100/day	600.00
Geol. Tech.	Drafting & Copying	4 days		400.00
M. Waldner, Mngr. & Ch. Geol. Minerals Div. Mohawk	Field Work & Supervision	3 days	$275/day	825.00
ACME Analytical Lab Ltd.	Geochem Analysis	99 soil 3 rock		1,500.90
4x4 Crewcab Pickup	Crew Transport	6 days	$50/day	300.00
4x4 Pickup	Transport	2 days	$50/day	100.00
Radios	Communication	12 days	$15/day/radio	180.00
Room & Board		14 days	$61.75/man/day	864.50
Typing & Copying				500.00
Freight, Mail, Courier	Shipping Samples Maps, Reports			125.00
Materials & Supplies				150.00
	TOTAL			$7,045.40

Field work portion conducted from October 21st to 28th, 1985.

APPENDIX II

GEOCHEMICAL SAMPLES & DESCRIPTIONS

SAB NOTES:

The soil sample grid was set up over a gossan which was exposed by logging road cut in 1984. The soil sample grid extended 100m to West of gossan and 300m east. The gossan begins at 0+00 N/S and extends 50m along road to south. A total of 99 soil samples were taken from the grid which is 500m in length N/S. E/W lines were put in at 50m intervals and soil samples were taken every 50m. The road was surveyed from Haggart Creek Bridge to km 75 on the Stove Creek Road.

GEOCHEM DATA:

LOCATION	SAMPLE	DEPTH	OXIDATION	HORIZON	COMMENTS
LINE 2+50 S					
1+00 W	65	10 cm.	mod	B	
0+50 W	64	15	mod	B	
0+00 E/W	1	15	mod	B	
0+50 E	2	15	mod	B	
1+00 E	3	10	mod	B	
1+50 E	4	10	mod	B	
2+00 E	5	6	wk	B	
2+50 E	6	10	wk	B	some organics
3+00 E	7	5	wk	B	
LINE 2+00 S					
1+00 W	66	15 cm.	mod	B	
0+50 W	67	10	mod	B	
0+00 E/W	14	5	mod	B	rocky
0+50 E	13	10	mod	B-C	
1+00 E	12	5	mod	B	
1+50 E	11	12	wk	B	
2+00 E	10	5	wk	B	
2+50 E	9	6	wk	B	
3+00 E	8	7	wk	B	

GEOCHEM DATA: (cont'd)

LOCATION	SAMPLE	DEPTH	OXIDATION	HORIZON	COMMENTS
LINE 1+50 S					
1+00 W	69	5 cm.	mod	B	
0+50 W	68	10	mod	B	
0+00 E/W	15	5	wk	C	
0+50 E	16	5	wk	B	
1+00 E	17	5	wk	B	
1+50 E	18	6	mod	B	
2+00 E	19	5	wk	B	
2+50 E	20	6	wk	B	
3+00 E	21	5	mod	B	
LINE 1+00 S					
1+00 W	70	3 cm.	mod	B	
0+50 W	71	5	mod	B	
0+00 E/W	28	7	wk	B	
0+50 E	27	6	wk	B	
1+00 E	26	10	wk	B	
1+50 E	25	6	mod	B	
2+00 E	24	6	int	B	
2+50 E	23	5	mod	B	
3+00 E	22	10	mod	B	taken on side of road
LINE 0+50 S					
1+00 W	73	5 cm.	mod	B	
0+50 W	72	15	wk	B	
0+00 E/W	29	7	mod	B	taken on side of road
0+50 E	30	5	int	B	
1+00 E	31	6	mod	B	rocky
1+50 E	32	5	wk	C	
2+00 E	33	6	wk	B	
2+50 E	34	6	mod	B	
3+00 E	35	6	mod	B	
LINE 0+00 N/S					
1+00 W	74	15 cm.	mod	B	
0+50 W	75	7	mod	B	
0+00 E/W	42	5	mod	B	
0+50 E	41	2	wk	B	
1+00 E	40	2	mod	B	
1+50 E	39	3	mod	B	
2+00 E	38	surface	mod	B	
2+50 E	37	5	mod	B	
3+00 E	36	5	mod	B	

GEOCHEM DATA: (cont'd)

LOCATION	SAMPLE	DEPTH	OXIDATION	HORIZON	COMMENTS
LINE 0+50 N					
1+00 W	77	10 cm.	mod	B	
0+50 W	76	5	mod	B	
0+00 E/W	43	5	wk	B-C	rocky
0+50 E	44	5	int	B	
1+00 E	45	10	int	B	
1+50 E	46	8	mod	B	
2+00 E	47	9	mod	B	
2+50 E	48	3	int	B	
3+00 E	49	3	mod	B	
LINE 1+00 N					
1+00 W	78	10 cm.	mod	B	
0+50 W	79	15	mod	B	
0+00 E/W	56	5	mod	B	
0+50 E	55	10	mod	B	
1+00 E	54	surface	wk	B	
1+50 E	53	6	mod	B	
2+00 E	52	surface	mod	B	
2+50 E	51	5	mod	B	
3+00 E	50	6	mod	B	
LINE 1+50 N					
1+00 W	81	5 cm.	mod	B	
0+50 W	80	5	mod	B	
0+00 E/W	57	surface	wk	B	sandy
0+50 E	58	surface	wk	B	sandy
1+00 E	59	surface	wk	C	sandy
1+50 E	60	5	mod	B	
2+00 E	61	5	wk	C	sandy
2+50 E	62	10	mod	B	
3+00 E	63	5	mod	B	
LINE 2+00 N					
1+00 W	82	10 cm.	mod	B	
0+50 W	83	5	mod	B	
0+00 E/W	84	10	mod	B	
0+50 E	85	5	wk	B	
1+00 E	86	6	wk	B	gravel
1+50 E	87	5	mod	B	
2+00 E	88	5	mod	B	
2+50 E	89	11	int	B	
3+00 E	90	5	wk	sand	

GEOCHEM DATA: (cont'd)

LOCATION	SAMPLE	DEPTH	OXIDATION	HORIZON	COMMENTS
LINE 2+50 N					
1+00 W	99	5 cm.	mod	B	
0+50 W	98	5	wk	B	
0+00 E/W	97	8	mod	B	
0+50 E	96	7	wk	B	
1+00 E	95	6	wk	B	sandy
1+50 E	94	5	wk	C	sandy
2+00 E	93	10	wk	B	
2+50 E	92	5	wk	B	
3+00 E	91	10	wk	sand	
Rock Samples	2251	12"	chip	Hematite, chlorite, chloritic alteration of metasediments in contact with batholith	
	2252	8"	chip	Quartz, kaolinite, ericite in intense propylitic envelope	
	2253	16"	chip	Intense propylitic zone	

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: NOV 6 1985

DATE REPORT MAILED: Nov. 13/85

GEOCHEMICAL ICP ANALYSIS

.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.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-3 SOILS -20 MESH & PULVERIZED P4-ROCKS AU‡‡ ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

MOHAWK OIL CO. FILE # 85-3045

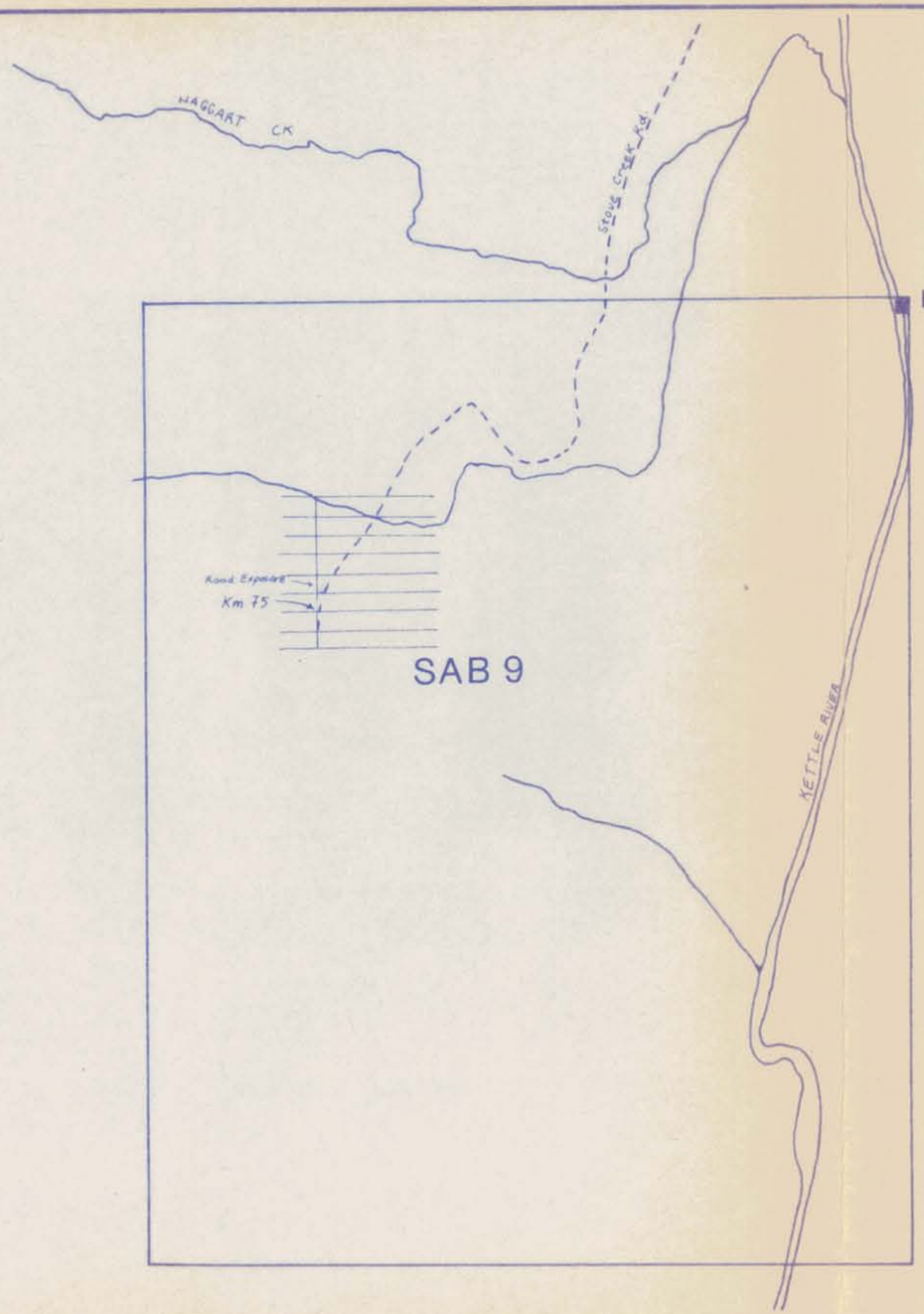
SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	U PPM	Th PPM	Sb PPM	W PPM	Au‡‡ PPB
SAB-9-85-1	47	12	147	.4	1893	2	5	3	7	1	2
SAB-9-85-2	28	23	170	.4	905	6	13	5	7	1	1
SAB-9-85-3	77	20	108	.5	346	2	5	10	6	2	1
SAB-9-85-4	13	12	44	.1	332	2	5	6	4	3	2
SAB-9-85-5	17	15	72	.2	1300	2	5	5	2	3	1
SAB-9-85-6	6	10	42	.2	240	4	5	3	2	1	1
SAB-9-85-7	6	10	102	.1	1020	4	5	2	2	1	1
SAB-9-85-8	11	9	141	.1	1826	3	5	2	3	2	1
SAB-9-85-9	6	9	51	.2	303	4	5	4	2	1	1
SAB-9-85-10	14	12	74	.1	768	6	5	5	2	1	2
SAB-9-85-11	7	9	41	.1	195	2	5	4	2	1	2
SAB-9-85-12	14	15	163	.3	680	2	5	4	5	1	2
SAB-9-85-13	15	11	92	.3	332	2	5	5	2	1	1
SAB-9-85-14	10	20	224	.3	2116	5	5	4	4	1	1
SAB-9-85-15	10	7	41	.1	353	2	5	5	2	2	1
SAB-9-85-16	8	19	121	.2	692	4	5	3	2	1	1
SAB-9-85-17	7	15	129	.2	2772	2	5	3	2	1	2
SAB-9-85-18	9	6	37	.2	189	2	5	4	2	1	1
SAB-9-85-19	9	11	102	.1	733	2	5	3	2	1	1
SAB-9-85-20	11	7	50	.1	233	2	5	4	2	1	1
SAB-9-85-21	7	9	172	.1	514	2	5	2	2	1	1
SAB-9-85-22	18	10	167	.1	362	6	5	6	4	3	2
SAB-9-85-23	10	7	98	.1	1065	3	5	3	2	1	1
SAB-9-85-24	8	11	73	.1	335	4	5	4	3	2	1
SAB-9-85-25	8	15	99	.1	481	6	5	3	4	2	5
SAB-9-85-26	8	15	129	.1	1402	6	5	1	4	3	2
SAB-9-85-27	17	13	96	.2	2491	2	5	4	2	1	1
SAB-9-85-28	11	9	49	.2	295	3	5	4	2	1	1
SAB-9-85-29	9	11	124	.3	465	2	5	3	2	1	1
SAB-9-85-30	18	19	197	.3	429	5	5	2	3	1	2
SAB-9-85-31	11	17	193	.3	520	6	5	4	4	3	1
SAB-9-85-32	9	5	44	.1	315	2	5	4	2	1	1
SAB-9-85-33	7	8	62	.1	829	2	5	2	2	1	1
SAB-9-85-34	9	12	55	.1	418	3	5	5	2	1	2
SAB-9-85-35	11	15	76	.2	414	7	5	4	2	1	1
SAB-9-85-36	11	15	95	.1	1256	5	5	2	4	2	3
STD C/FA-AU	60	40	138	6.9	1157	38	18	33	16	13	48

MOHAWK OIL CO. FILE # 85-3045

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	U PPM	Th PPM	Sb PPM	W PPM	Au†† PPB
SAB-9-85-37	6	10	74	.1	1298	2	5	3	2	1	1
SAB-9-85-38	5	10	52	.4	515	2	6	5	3	1	1
SAB-9-85-39	7	6	32	.2	193	4	5	6	2	2	1
SAB-9-85-40	6	12	64	.2	612	2	5	3	2	1	1
SAB-9-85-41	10	16	160	.2	475	2	5	3	2	2	1
SAB-9-85-42	11	15	252	.3	1031	2	5	5	4	3	1
SAB-9-85-43	17	29	142	.7	3424	3	5	20	2	3	2
SAB-9-85-44	21	19	66	.3	422	2	5	11	3	1	1
SAB-9-85-45	8	13	54	.2	281	2	5	5	3	1	2
SAB-9-85-46	8	14	64	.4	979	3	5	3	2	2	1
SAB-9-85-47	3	14	70	.2	1262	2	5	4	2	1	1
SAB-9-85-48	5	10	49	.2	820	3	5	4	2	1	2
SAB-9-85-49	5	11	54	.2	644	2	5	4	2	1	2
SAB-9-85-50	8	9	90	.2	1467	4	5	3	2	5	1
SAB-9-85-51	9	9	55	.3	293	3	5	4	2	2	1
SAB-9-85-52	5	3	37	.2	401	3	5	5	2	2	1
SAB-9-85-53	7	9	77	.3	766	3	5	4	2	1	1
SAB-9-85-54	8	9	70	.3	645	5	5	3	3	1	1
SAB-9-85-55	7	10	83	.2	661	2	5	3	2	2	1
SAB-9-85-56	5	7	65	.2	375	2	5	4	2	1	1
SAB-9-85-57	7	14	160	.4	467	3	5	5	2	1	1
SAB-9-85-58	8	11	45	.2	290	2	5	3	2	3	1
SAB-9-85-59	8	9	46	.2	365	4	5	3	2	2	1
SAB-9-85-60	66	26	81	1.6	1342	2	5	22	2	1	1
SAB-9-85-61	9	10	45	.2	473	2	5	6	2	2	1
SAB-9-85-62	4	4	28	.2	343	3	5	7	2	2	2
SAB-9-85-63	8	10	112	.2	1394	3	5	5	3	1	1
SAB-9-85-64	5	12	79	.3	682	2	5	3	2	2	1
SAB-9-85-65	6	12	50	.2	397	2	5	3	2	1	1
SAB-9-85-66	6	13	64	.4	321	2	5	2	2	1	1
SAB-9-85-67	6	11	73	.2	560	2	5	4	2	2	1
SAB-9-85-68	6	9	72	.2	1145	5	5	2	2	1	1
SAB-9-85-69	7	13	66	.2	445	4	5	2	2	1	1
SAB-9-85-70	7	11	67	.3	1080	2	5	3	2	1	1
SAB-9-85-71	10	12	89	.3	442	2	5	3	2	1	1
SAB-9-85-72	5	11	56	.3	431	3	5	3	2	3	1
STD C/FA-AU	61	40	137	7.1	1163	40	19	34	16	14	52

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	U PPM	Th PPM	Sb PPM	W PPM	Au** PPB
SAB-9-85-73	7	17	50	.1	176	3	5	5	3	1	1
SAB-9-85-74	6	12	50	.1	268	3	5	2	2	1	1
SAB-9-85-75	6	10	35	.2	242	3	5	3	2	1	1
SAB-9-85-76	9	9	45	.1	225	2	5	3	3	1	2
SAB-9-85-77	10	14	57	.1	451	2	5	4	3	1	1
SAB-9-85-78	11	10	67	.3	874	2	5	3	2	1	1
SAB-9-85-79	8	20	40	.3	493	3	5	4	2	1	2
SAB-9-85-80	7	14	35	.2	623	3	5	3	2	3	1
SAB-9-85-81	8	14	68	.3	1560	2	5	2	4	2	1
SAB-9-85-82	6	15	41	.3	185	2	5	2	2	1	1
SAB-9-85-83	6	8	40	.2	574	2	5	3	2	2	2
SAB-9-85-84	11	11	65	.4	726	3	5	4	2	1	1
SAB-9-85-85	11	16	93	.4	789	4	5	4	2	2	1
SAB-9-85-86	9	3	42	.1	382	3	5	5	2	1	1
SAB-9-85-87	9	10	57	.4	348	5	5	4	2	1	1
SAB-9-85-88	10	9	58	.1	436	2	5	4	2	2	1
SAB-9-85-89	13	15	63	.3	243	2	5	6	3	2	3
SAB-9-85-90	8	12	62	.3	776	2	5	3	2	1	2
SAB-9-85-91	7	7	36	.2	361	2	5	4	2	2	1
SAB-9-85-92	6	17	49	.4	725	2	5	3	2	1	1
SAB-9-85-93	9	10	44	.2	338	2	5	5	2	2	11
SAB-9-85-94	10	5	40	.2	373	4	5	7	2	2	1
SAB-9-85-95	8	13	56	.3	343	2	5	3	2	1	1
SAB-9-85-96	11	14	89	.3	520	2	5	4	2	1	1
SAB-9-85-97	19	21	82	.3	434	2	5	6	2	1	1
SAB-9-85-98	8	11	53	.1	528	2	5	3	2	1	1
SAB-9-85-99	6	10	39	.2	181	2	5	3	2	3	2
STD C/FA-AU	61	40	136	7.0	1125	40	17	37	15	13	51

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	As PPM	U PPM	Th PPM	Sb PPM	W PPM	Au†† PPB
2251	112	18	164	.5	624	2	5	5	2	1	1
2252	53	35	116	.1	990	11	5	29	2	1	3
2253	46	22	91	.1	900	3	5	6	2	1	2
2254	42	10	83	.7	508	10	5	3	2	1	2
2255	85	15	103	1.8	534	33	5	6	2	1	16
2256	12	23	36	.4	597	2	5	3	2	1	4
2257	28	16	86	.7	801	12	5	3	2	1	2
2258	14	18	36	.5	900	3	5	5	2	1	4
2259	63	25	107	1.6	646	18	5	4	2	1	3
2260	27	28	56	3.2	994	45	5	5	3	1	9
2261	12	20	33	.8	637	17	5	5	2	1	5
2262	8	27	29	1.4	622	17	5	3	2	1	1
2263	26	49	181	3.9	687	40	5	7	5	1	4
2264	21	9	217	1.0	844	50	5	6	3	1	42
2265	20	18	72	.3	624	4	5	4	2	1	4
2266	34	13	1933	.2	685	50	5	8	2	1	1
2267	29	17	1533	.5	799	23	5	7	2	2	1
2268	116	14	829	.9	954	102	5	4	6	1	3
2269	128	15	884	1.1	869	80	5	4	2	1	5
2270	8	26	37	.5	499	4	5	2	2	1	4
2271	59	18	85	.8	1151	14	5	3	2	1	21
STD C/FA-AU	60	40	134	7.0	1134	39	19	31	13	12	50



49° 54'

118° 40'

N

500m 250 0 250 500 750m

14100

MOHAWK OIL CO. LTD.

SCALE: 1:15000	APPROVED BY:	DRAWN BY SM
DATE: NOV/85		REVISED

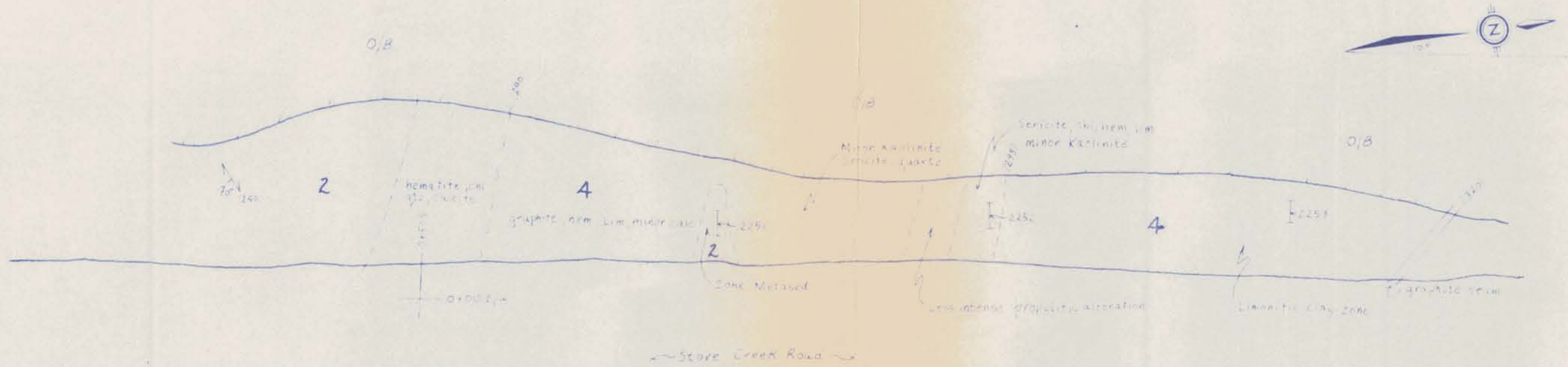
SAB 9

GRID LOCATION MAP

DRAWING NUMBER 1

11X17 PRINTED ON NO. 1000H CLEARPRINT

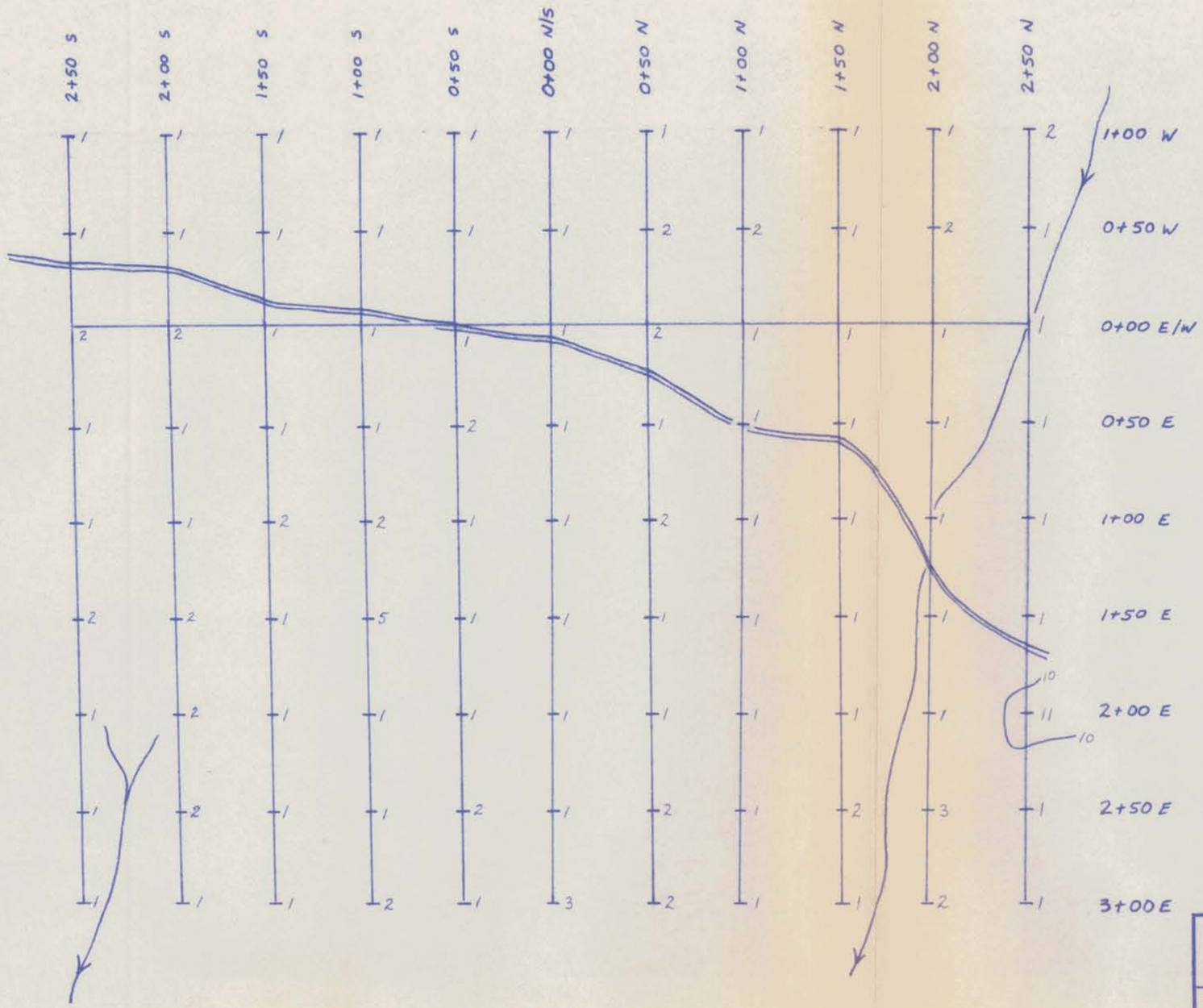
PLAN VEIW



2 Anarchist Group
4 Nelson Intrusions

14100

MOHAWK OIL CO. LTD.		
SCALE: 1:100	APPROVED BY:	DRAWN BY SM
DATE: NOV/85		REVISED
SAB 9		
ROAD CUT EXPOSURE		DRAWING NUMBER 2



N

LEGEND

ROAD

GEOCHEM SOIL TRAVERSE 14 8 3

DRAINAGE

CONTOUR LINE (ppb) 30

SUBANOMALOUS

ANOMALOUS

2ND ORDER ANOMALY

50m 0 50 100 150m

14100

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SCALE: 1:2500	APPROVED BY:	DRAWN BY SM
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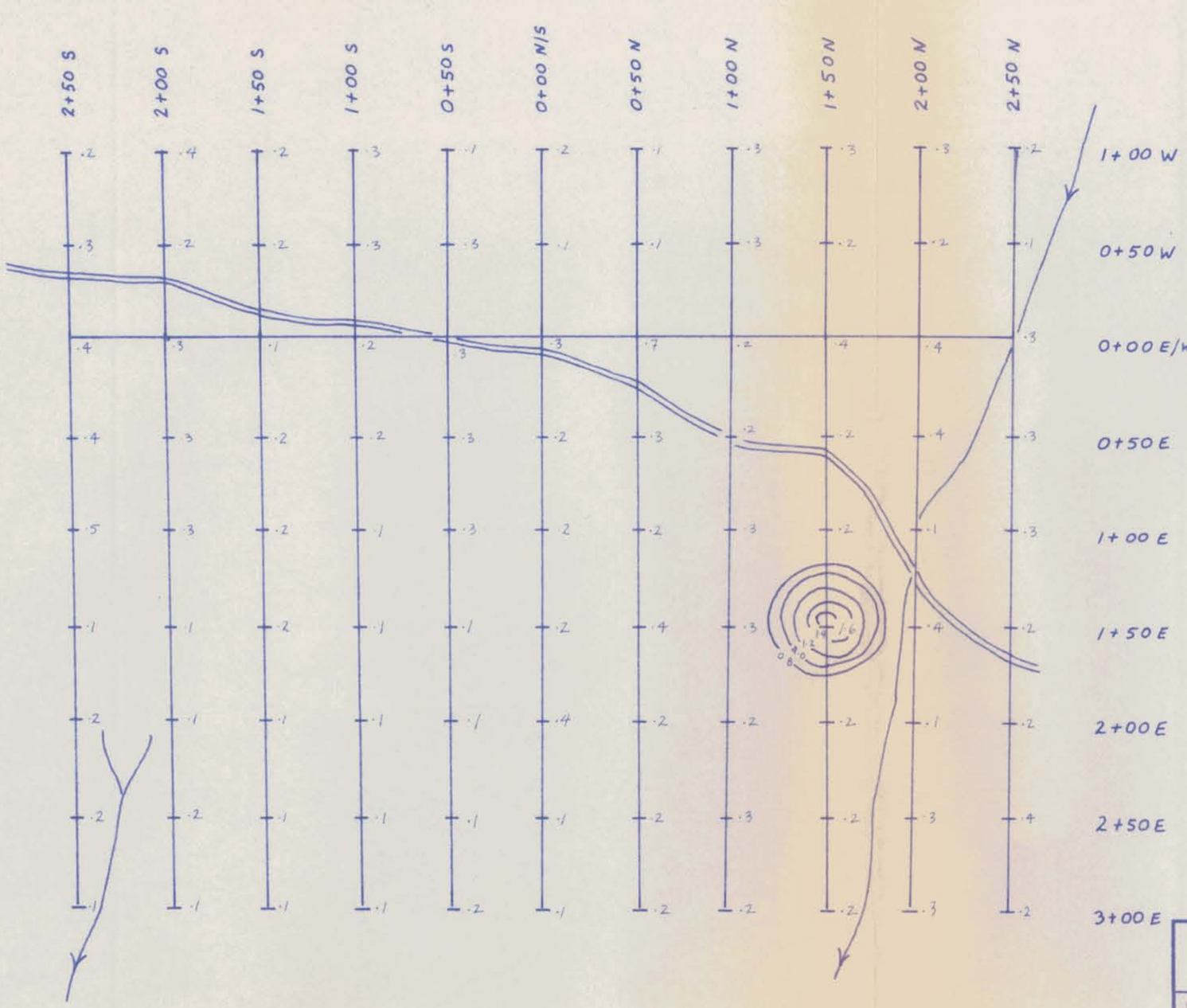
SAB 9

GOLD ppb

DRAWING NUMBER 3



N

LEGEND

ROAD

GEOCHEM SOIL TRAVERSE 14 8 3

DRAINAGE

CONTOUR LINE (ppm) — 30 —

SUBANOMALOUS	0·8	0·8—0·9 ppm
ANOMALOUS	1·0	1·0—1·1 ppm
2ND ORDER ANOMALY	1·2	>1·2 ppm

50m 0 50 100 150m

14100

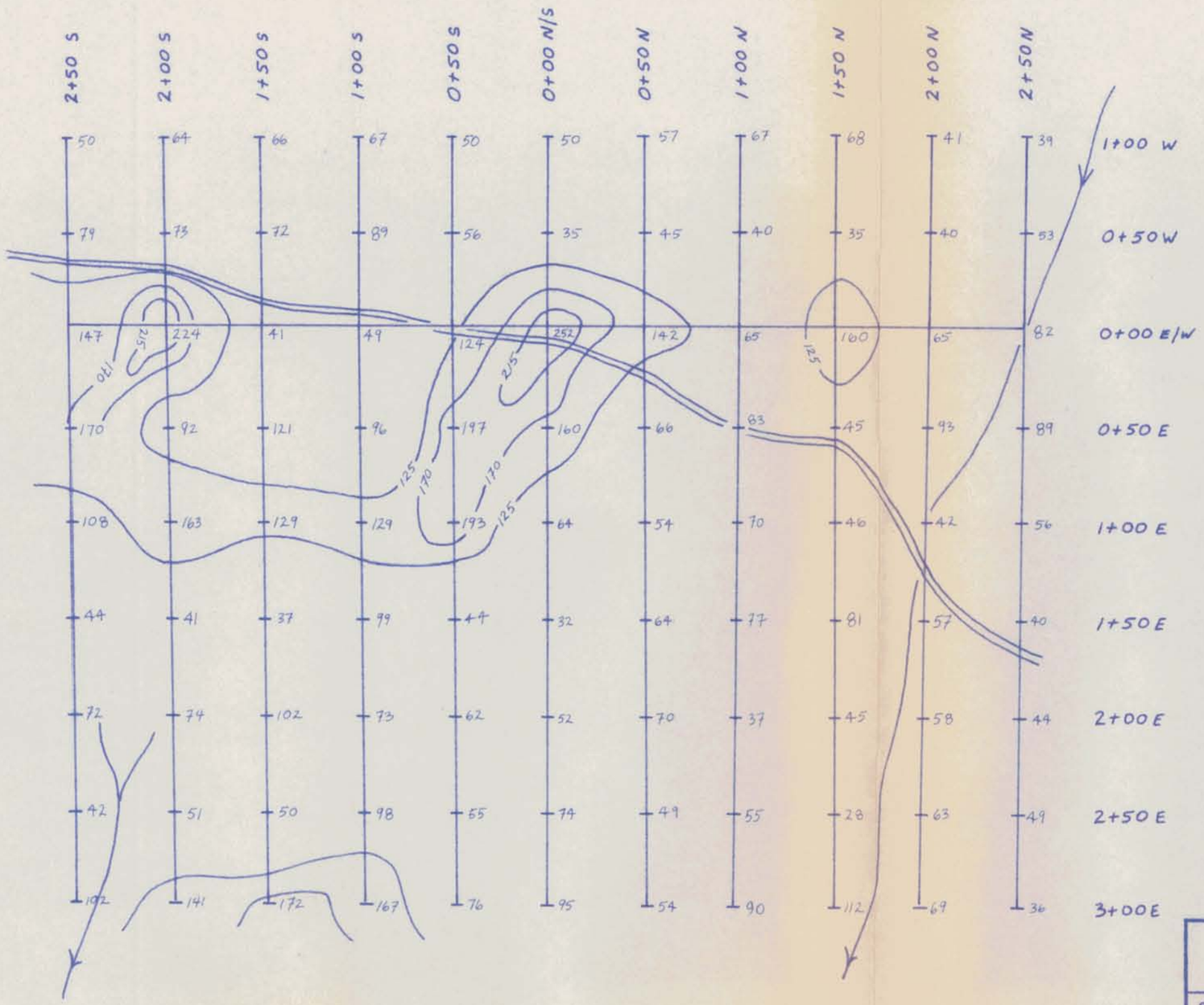
MOHAWK OIL CO. LTD.

SCALE: 1:2500	APPROVED BY:	DRAWN BY SM
DATE: NOV/85		REVISED

SAB 9

SILVER ppm

DRAWING NUMBER 4



N

LEGEND

ROAD

GEOCHEM SOIL TRAVERSE 18 8 3

DRAINAGE

CONTOUR LINE (ppm) — 30 —

SUBANOMALOUS 125 — 169 ppm

ANOMALOUS 170 — 214 ppm

2ND ORDER ANOMALY >215 ppm

50m 0 50 100 150m

14105

MOHAWK OIL CO. LTD.

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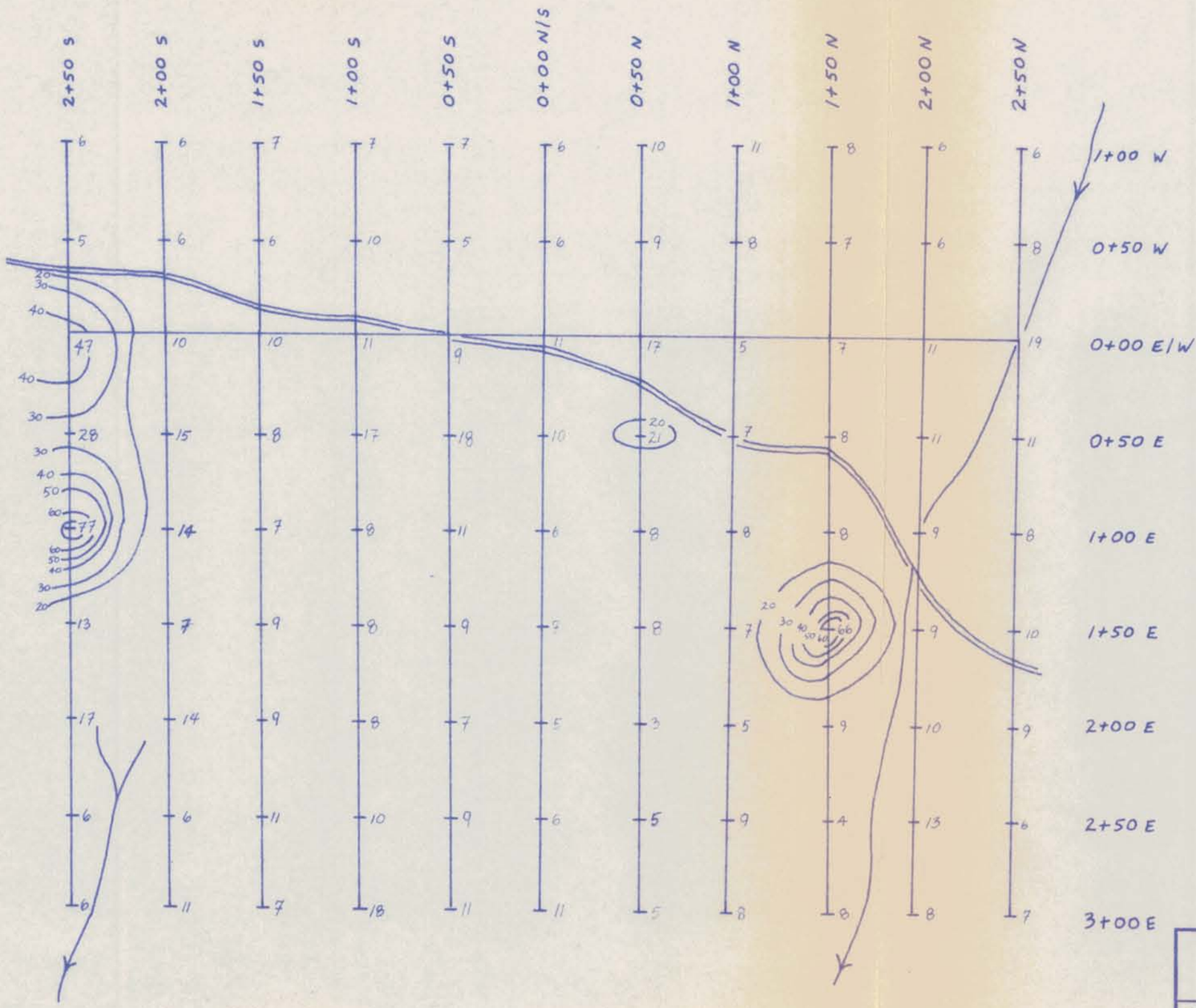
SAB 9

ZINC ppm

DRAWING NUMBER 5

11X17 PRINTED ON NO. 1000H CLEARPRINT



LEGEND

ROAD

GEOCHEM SOIL TRAVERSE 14 8 3

DRAINAGE

CONTOUR LINE (ppm) — 30 —

SUBANOMALOUS	20	20 — 29 ppm
ANOMALOUS	30	30 — 39 ppm
2ND ORDER ANOMALY	40	>40 ppm

50m 0 50 100 150m

14100

MOHAWK OIL CO. LTD.

SCALE: 1:2500	APPROVED BY:	DRAWN BY SM
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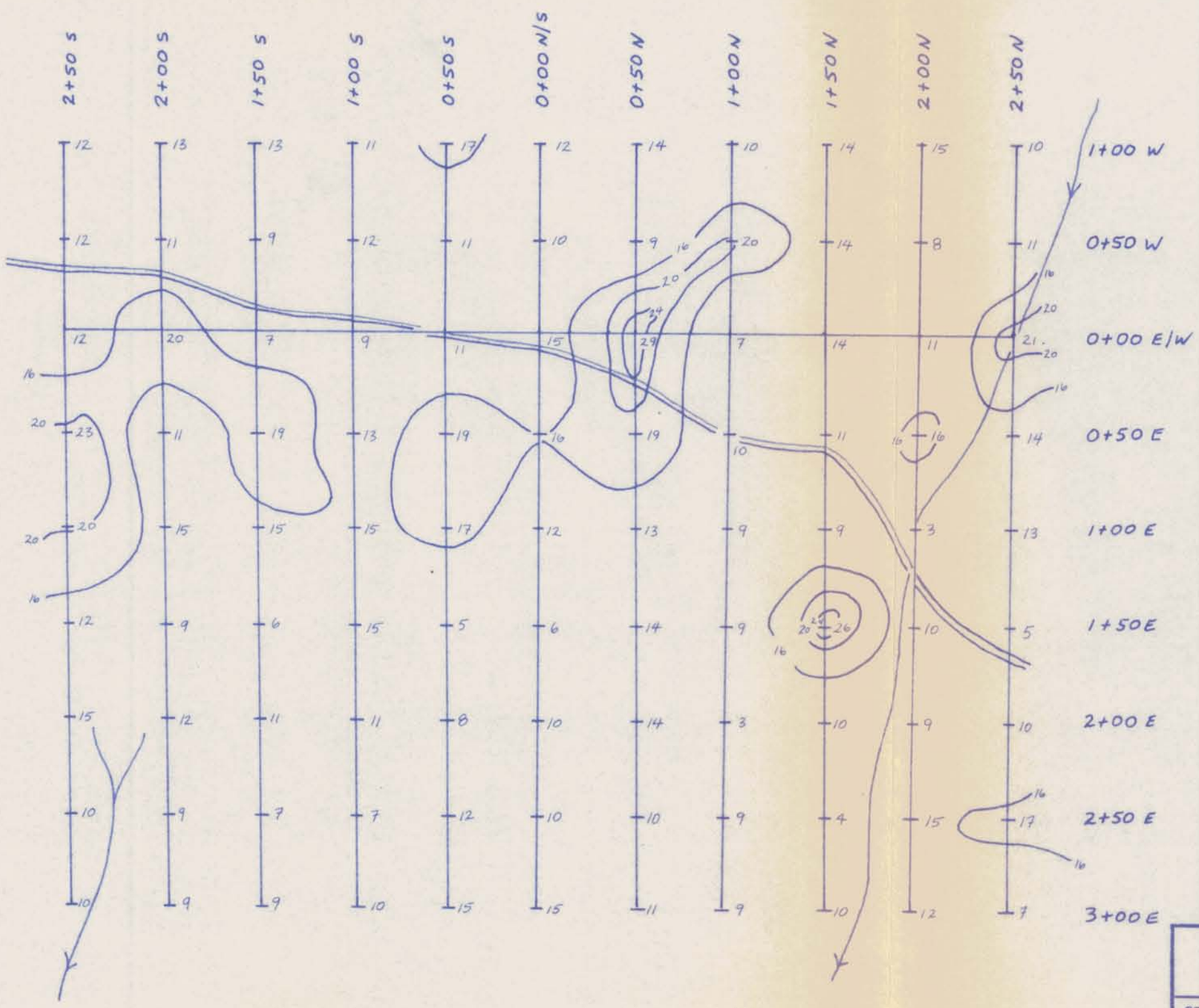
SAB 9

COPPER ppm

DRAWING NUMBER 6



N

LEGEND

ROAD

GEOCHEM SOIL TRAVERSE 14 8 3

DRAINAGE

CONTOUR LINE (ppm) —— 30 ——

SUBANOMALOUS	16	16—19 ppm
ANOMALOUS	20	20—23 ppm
2ND ORDER ANOMALY	24	>24 ppm

50m 0 50 100 150m

14100

MOHAWK OIL CO. LTD.

SCALE: 1:2500	APPROVED BY:	DRAWN BY SM
DATE: NOV/85		REVISED

SAB 9

LEAD ppm

DRAWING NUMBER 7