

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.03.08

ASSESSMENT REPORT 17489

MINING DIVISION: Nicola

PROPERTY: Cig
 LOCATION: LAT 50 18 34 LONG 120 20 36
 UTM 10 5576194 689164
 NTS 092I08W

CLAIM(S): Cig 100
 OPERATOR(S): New Hombre Res.
 AUTHOR(S): Sookochoff, L.
 REPORT YEAR: 1988, 77 Pages

COMMODITIES
 SEARCHED FOR: Gold, Silver

GEOLOGICAL
 SUMMARY:

The area is underlain by the Upper Triassic Nicola Group consisting of argillite, siltstone, volcanics and intercalated tuff. A major structure, the north-northeast trending Tertiary Quilchena-Stump Lake fault system occurs two kilometres west of the claim. The claim is underlain by volcanic greenstone, fine grained to dioritic to diabasic in texture. Northeasterly and northwesterly striking quartz veins are at times mineralized with sulphides and contain gold and silver values. Alteration of wall rock consists of moderate to low carbonate and/or ankerite and/or silica.

WORK
 DONE:

Geological, Geochemical, Geophysical
 EMGR 21.0 km; VLF
 Map(s) - 1; Scale(s) - 1:2500
 GEOL 126.0 ha
 Map(s) - 1; Scale(s) - 1:2500
 MAGG 16.2 km
 Map(s) - 1; Scale(s) - 1:2500
 SOIL 179 sample(s); ME
 Map(s) - 1; Scale(s) - 1:2500

RELATED

REPORTS: 14785
 MINFILE: 092ISE193

LOG NO: 0614	RD.
ACTION:	
FILE NO:	

GEOLOGICAL, GEOPHYSICAL & GEOCHEMICAL REPORT

for
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

NEW HOMBRE RESOURCES LTD.

on the **17,489**

FILMED

CIG 100 Claim

Nicola Mining Division

**SUB-RECORDER
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NTS 92I 8W

Vancouver, B.C.
June 3, 1988

Sookochoff Consultants Inc.
Laurence Sookochoff, P.Eng.

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Geological, Geophysical & Geochemical Report

for

New Hombre Resources Ltd.

on the

CIG 100 Claim

INTRODUCTION

An exploration program consisting of geological, geophysical and geochemical surveys was completed on the CIG mineral claim during the period of July 1987 to February 1988. The exploration program was initiated as a result of anomalous gold-silver soil and rock sample values obtained from an exploration program completed on the CIG 100 claim in 1985 and reported on by Virginia Kuran in an assessment report dated April 27, 1986.

Information for this report was obtained from sources as cited under Selected References and from the writers' supervision and the compilation of results from the exploration program as reported on herein.

SUMMARY

New Hombre Resources Ltd. owns a 20 unit claim block in the Stump Lake Mining Camp where production to 1931 from mineralized quartz veins amounted to 77,605 tons averaging a recovered grade of .109 oz Au/ton, 3.26 oz Ag/ton, 1.42% Pb and 0.24% Zn.

The quartz vein structures at Stump Lake occur in association with northerly trending in which mineralization appears to increase along variable trends of the structure. The veins were explored to a depth of 275 meters and along a strike length of 600 meters.

The veins are hosted by shear zones within greenstones of the Nicola volcanics and are of irregular width with an alteration zone of up to "15 feet wide".

Recent exploration work in the area includes the original workings on Mineral Hill and on the adjacent Mary Reynolds claim group by Noranda.

Exploration work in 1985 on the CIG 100 claim delineated a northeasterly trending zone of anomalous gold values in the northwest sector of the property where pits and trenches expose barren to lightly mineralized quartz veins. In addition an isolated 420 ppb gold geochem value in the south-central portion of the claim was determined.

The 1987 exploration program completed by New Hombre Resources Ltd. confirmed the 300 by 400 meter subanomalous gold zone (I) in the northwest sector of the property with no additional significant results.

However, detailed exploration in the south-central single station gold value of 1986 resulted in the delineation of a 200 by 40 meter subanomalous gold zone (II) with soil geochem values of up to 1089 ppb Au. In one of three pits dug in the zone a soil sample returned 1520 ppb Au at a depth of 50 cm.

Assays of mineralized quartz vein float material in the pit areas returned values of up to .690 Au/ton and 18.22 oz Au/ton.

The exploration program also delineated a series of magnetometer LO's correlating with a northeast trending EM anomaly which correlates in part to a geochem anomaly and the mineralized quartz vein float material.

As a result of the success and encouraging results of the 1987 exploration program additional detailed surveys are recommended in conjunction with a diamond drill program to test the prime correlative anomalous Zone I.

PROPERTY

The property consists of one located 20 unit mineral claim. Particulars are as follows:

<u>Claim Name</u>	<u>Record No.</u>	<u>Expiry Date</u>
CIG 100	1361	March 8, 1991

The claim overtakes a two unit claim within the northwest corner. As a result the effective area of the CIG 100 claim is approximately 450 hectares.

Some posts and claim lines have been checked by the writer and were determined to have been staked in accordance to prevailing regulations.

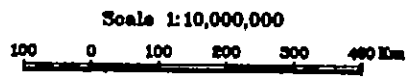
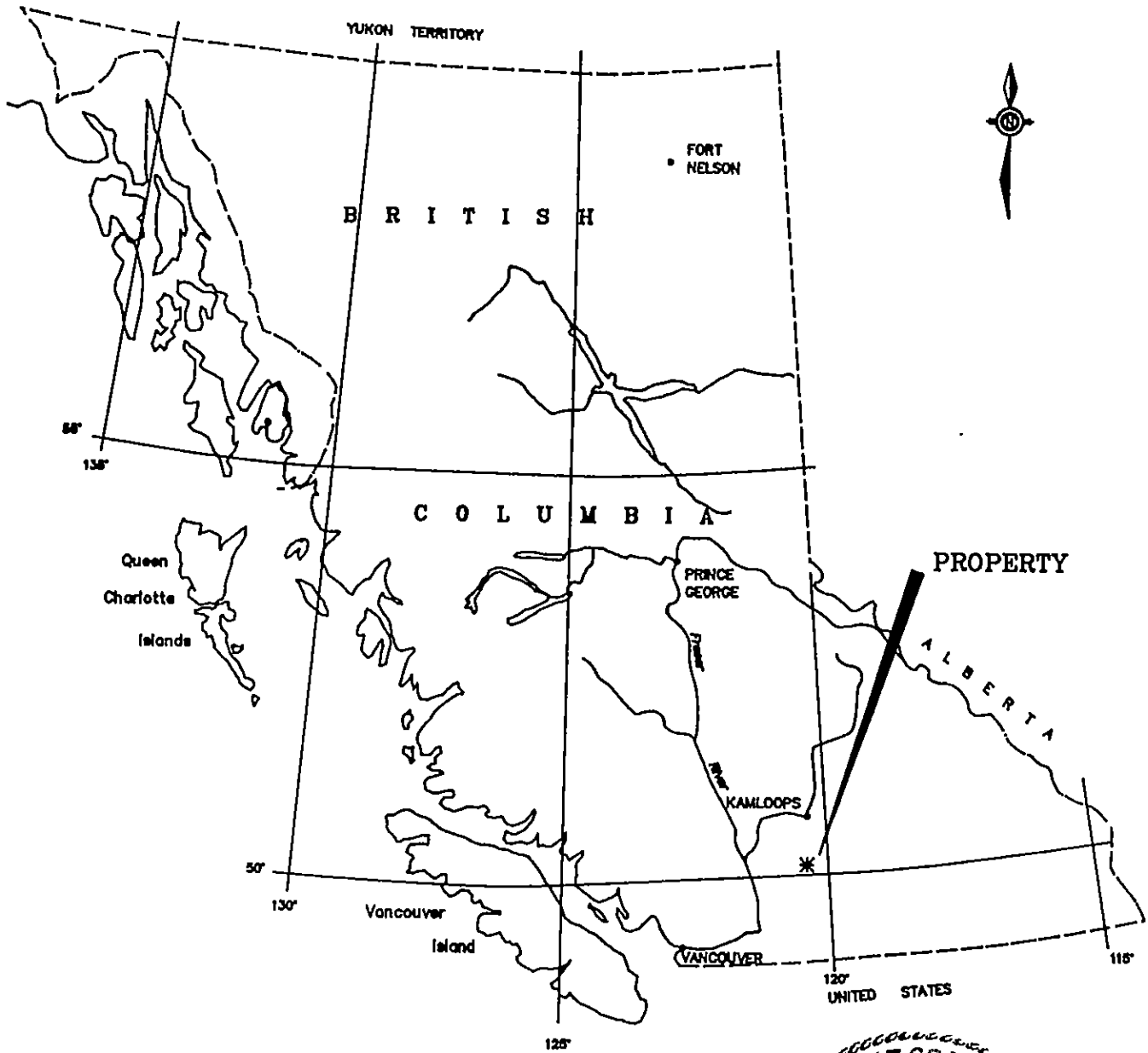
Any legal aspects pertaining to the claim group is beyond the scope of this report.

LOCATION AND ACCESS

The property is located adjacent and northwest of Peter Hope Lake forty km northwest of Merrit in southwest British Columbia.

The property is located within five km of Mineral Hill which is on the south side of Stump Lake where the major development and production from the Stump Lake Mining Camp occurred.

Access is provided by the Merrit-Kamloops Highway No. 5 to within three km of the property. A secondary road-the Peter Hope Lake road-junctions off to the east within three km south of Stump Lake. This road provides access to locations on the property.



NEW HOMBRE RESOURCES LTD.		
CIG 100 CLAIM NICOLA M.D.		
LOCATION MAP		
DATE: MAR.'88	N.T.S.: 921/8W	FIGURE: 1
SOOKCHOFF CONSULTANTS INC.		

PHYSIOGRAPHY

The property is situated at the western edge of the Douglas Plateau which is within the physiographic area designated as the Interior Plateau of British Columbia. Gentle to moderate slopes prevail with relief in the order of some 200 meters from Peter Hope Creek Valley (to 1060 meters) which bisects the central portion of the claim.

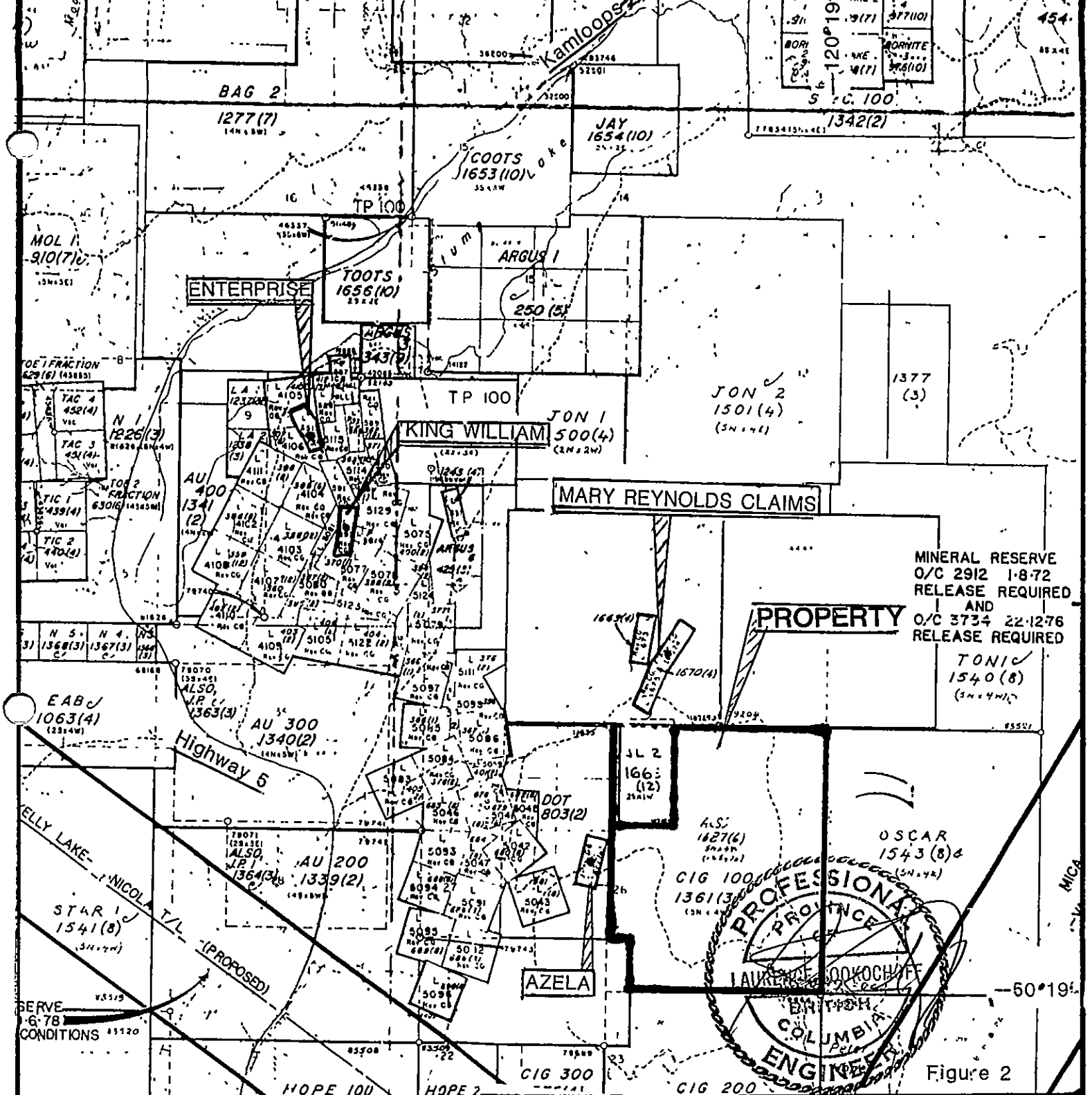
WATER AND POWER

Sufficient water for all phases of the exploration program could be available from Peter Hope Lake northeast to Peter Hope Lake in the southwest. In addition to tributaries of Peter Hope Creek, other water courses are indicated draining the property.

HISTORY

The history of the immediate area stems from the mineral deposits at Mineral Hill adjacent to Stump Lake and some six km west of the northwestern portion of the CIG 100 claim. Mineralization was discovered in 1882 with exploration and development consisting of shafts on the Joshua, Tribal Cain and King William claims in addition to shafts on the Enterprise and Planet claims prior to 1890.

Exploration and development on Mineral Hill was sporadic to 1929 when a mill was built and operated to 1931. From 1939 to 1942 when operations were suspended some mine development occurred in addition to the rebuilding of the mill.



MINERAL RESERVE
O/C 2912 1-8-72
RELEASE REQUIRED
AND
O/C 3734 22-12-76
RELEASE REQUIRED

TONIC
1540(8)
(31.4.71)

OSCAR
1543(8) &
(31.4.71)

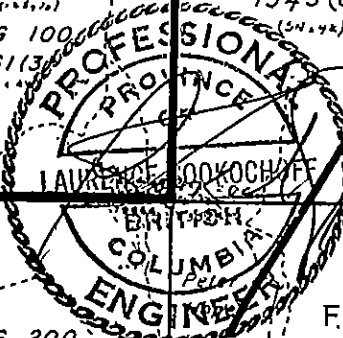


Figure 2

NEW HOMBRE RESOURCES LTD.

CIG 100 MINERAL CLAIM NICOLA M D

N T S 92 1/8 W

CLAIM & INDEX MAP

Scale: 1:50 000

March 1988

Since 1942 limited exploration was carried out on the various properties of the area with the most recent performed by Celebrity Energy Corporation who acquired under agreement most of the reverted crown granted claims of the mining camp.

Production from the Stump Lake camp during the period from 1916 to 1944 and from the Enterprise, King William, Tribal Cain and Joshua Veins is reported as 77,605 tons of ore mined yielding 8,494 ounces of gold, 252,939 ounces of silver, 40,822 pounds of copper, 2,206,555 pounds of lead and 367,869 pounds of zinc or a recovered grade of 0.109 oz Au/ton, 3.26 oz Ag/ton, 0.026% Cu, 1.42% Pb and 0.24% Zn.

Other properties in closer proximity to the CIG 100 claim on which exploration was completed include the Mary Reynolds and the Azela within one km east and north.

The Mary Reynolds or the Jean Group was one of the early claims staked in the Stump Lake area and produced a small amount of gold-silver ore. The workings include a "96 foot" deep shaft with a "240 foot" long adit level in addition to numerous other workings exploring a vein system with general characteristics similar to the other Stump Lake deposits.

Noranda Explorations completed an exploration program on the Mary Reynolds claim group in 1987. The results of that program are not available.

The Azela is within the Johannesburg camp situated "about 16,000 feet" southeast of the Enterprise Mine and within 100 meters west of the CIG 100 claim. The main showing is a shaft reportedly "78 feet" deep with open cuts and other workings within the claim.

Previous exploration work on the CIG 100 claim included that of Aarn Exploration and Development Co. Ltd. when "250 feet" of trenches and two "miles" of road were completed.

In 1985 Time Square Energy and Resources Ltd. (name change to New Hombre Resources Ltd.) completed localized geological, geophysical and geochemical surveys on the CIG 100 claim.

GEOLOGY

The regional geology of the area as mapped by W.E. Cockfield and published as map 886 A in G.S.C. Memoir 249 (1947) indicates that the Stump Lake area is underlain by an assemblage of Upper Triassic volcanic flows, pyroclastics and sedimentary units termed the Nicola Group.

In a northerly trending contact with the Nicola the Carboniferous and Permian Cache Creek Group is indicated as occurring at Plateau Lake five km east of the CIG 100 claim. The Cache Creek rocks are shown to rarely outcrop as windows within the Nicola.

In a later geological map published by the GSC from the geological mapping completed by Monger (1980-82) and McMillan (1969-75 and 77-80) of the B.C. Ministry of Energy, Mines and Resources with supplemental information, the location of the Cache Creek rocks is shown as the Nicola Group. The Nicola Group consists of argillite, siltstone, volcanic sandstone and local intercalated tuff. The formation to the west of the contact and underlying the CIG 100 claim is indicated as consisting of predominantly volcanics with interbedded argillite. The volcanics consist of augite porphyry and augite-plagioclase porphyry, volcaniclastic breccia and tuff.

The area is dominated by Tertiary faults with the major north northeast trending Quilchena-Stump Lake fault system defining in part the eastern limit of the Nicola batholith with the Nicola Group. The fault trends through the northeastern portion of Stump Lake, centrally through the Stump Lake camp and two km west of the CIG 100 claim. The major northwest trending Cherry Creek Fault 20 km north of Stump Lake truncates the Quilchena fault system.

Secondary or associated structures in the area trend northerly to northwesterly.

In the Stump Lake area and specifically within the area of Mineral Hill where the major development and production was carried out the rocks consist of greenstone of the Nicola Group. The greenstone is an andesitic rock usually fine grained; locally it is coarser-grained and is dioritic to diabasic in texture. Occasional bands of tuff and breccia are included in the formation. The tuff is extremely fine-grained, banded and the breccia contains andesitic fragments up to 10 cm in diameter similar in composition to the matrix.

The greenstones strike 40° to 60° east and dips nearly vertical in the vicinity of the workings. Porphyritic to fine-grained hornblende-andesitic dykes, up to two and one-half meters wide occur in the area.

Quartz filled fractures and shear zones strike northerly and dip easterly.

On the Enterprise quartz vein system stoping was primarily carried out below the 150 foot level with a shaft to the "900 foot" level. The vein is commonly under two feet wide and strikes from 350° and 015° and dips easterly from 40° to 80° with considerable pinching and swelling.

The King William vein does not differ greatly from the Enterprise vein off which it forms a branch however it does reach a width of "nine feet". It joins the Enterprise vein at lower levels and has been drifted out south from its intersection with the Enterprise vein on each of the levels except the 800 foot.

The Joshua mine is developed by a shaft to a depth 755 feet on the dip with the 320 foot drift level continued for "2,160 feet" from the portal to intersect the Joshua vein. The vein follows a fracture and shear zone striking nearly north and dipping 60° east. Below the 400 foot level the dip is stated to be towards the west.

The Planet shaft is about "2,800 feet" southwest of the Enterprise workings. The vein strikes 10° east and dips steeply easterly and is composed of a band of quartz "eight to 18 inches" wide.

At the Azela the occurrence consists of a shear zone six to eight feet wide striking north 015° east and dipping 55° south.

Two pits show a vein zone striking north 40° west with a steep northeast dip. In one pit the zone is "three feet" wide with "14 inches"

The Mary Reynolds vein zones strike northeast and dip steeply southwest to northwest. The veins have been traced over "900 feet" by cuts and drill holes. The zones range up to "six feet" wide and carry veins and stringers of quartz mineralized with pyrite, chalcopyrite, galena, zinc blende and tetrahedrite. A fracture zone up to "five feet" wide with stringers of quartz and calcite strikes north 40° E and dips 85° southeast.

On the CIG 100 claim Vollo (1983) states that from air photo interpretation and field examination the flows of the Nicola volcanic rocks strike about N 20° E and dip steeply. In addition minor zones of acid rocks, quartz veining and quartz carbonate alteration were noted.

Kuran (1985) states that the CIG 100 claim is underlain by volcanic rocks which "vary from dark green biotite-hornblende porphyritic flows to pale green, pitted weathering, porphyritic flows with biotite and hornblende phenocrysts altered to chlorite. Two main directions of jointing in the volcanics strike north-northeast to north-northwest and dip vertically."

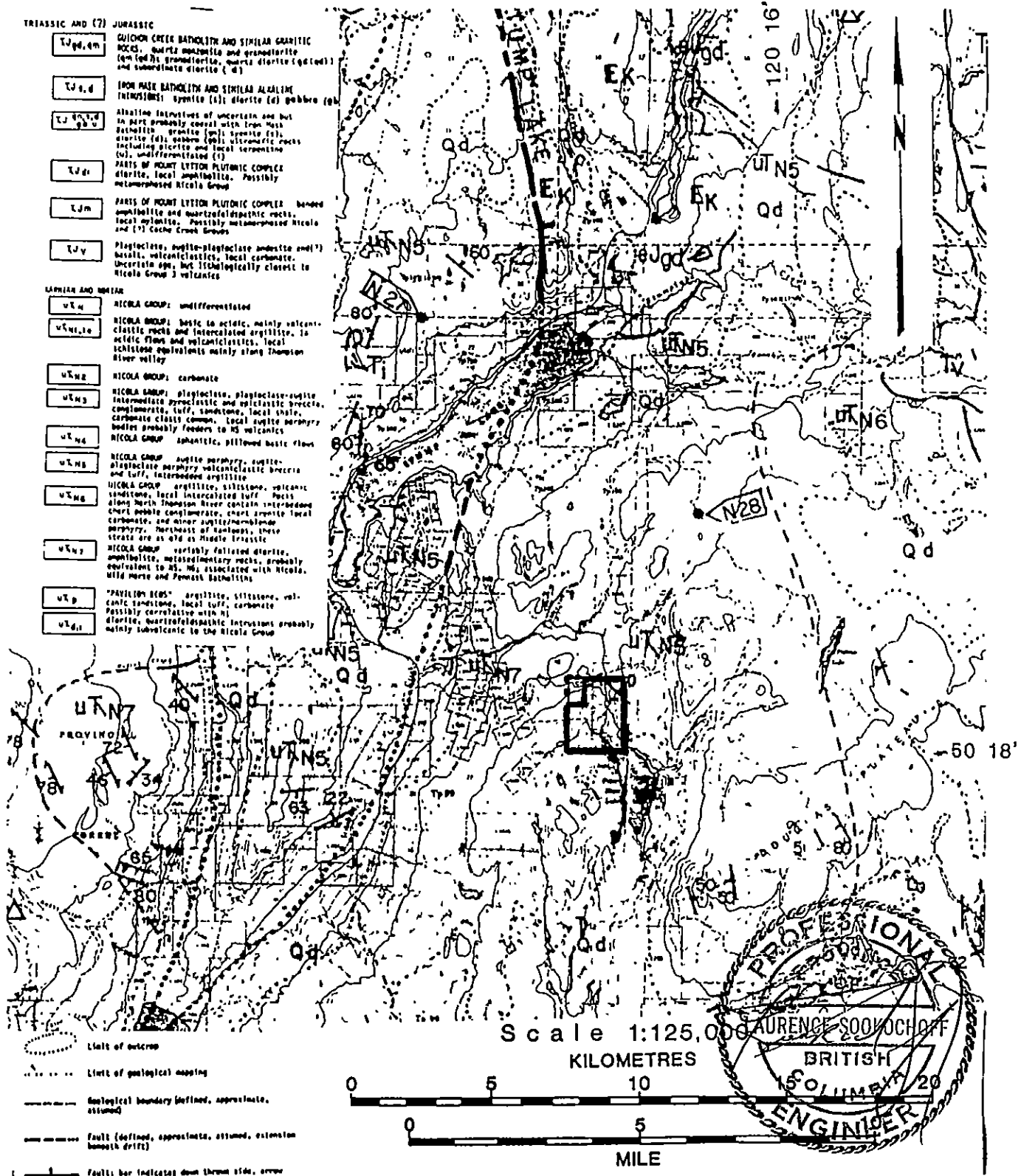
J. Paxton (1987) reports that the chloritized hornblende-biotite porphyry (Unit 2) appears to be an epidotized facies of dark green biotite-hornblende (Unit 1). In addition several zones of pyroclastic breccia were noted. At several locations quartz vein float was noted with the locations plotted on the accompanying map.

TRIASSIC AND (?) JURASSIC

- TJq, qm** QUICHON CREEK BATHOLITH AND SIMILAR GRANITIC ROCKS. Quartz monzonite and granodiorite (qm) (qd); granodiorite, quartz diorite (qdr) and subordinate diorite (d)
- TJ, d** IRON HARBOR BATHOLITH AND SIMILAR ALKALINE (Fe-rich) syenite (s); diorite (d) gabbro (g)
- TJ, q, u** Alkaline intrusives of uncertain age but in part probably corral with Iron Harb Batholith. Syenite (s); gabbro (g); ultramafic rocks including olivine (o) and local serpentine (u); undifferentiated (?)
- TJ, d** PARTS OF MOUNT LYTON PLUTONIC COMPLEX diorite, local amphibolite. Possibly metamorphosed Nicola Group
- TJ, m** PARTS OF MOUNT LYTON PLUTONIC COMPLEX banded amphibolite and quartzofeldspathic rocks, local mylonite. Possibly metamorphosed Nicola and (?) Coche Creek Groups
- TJ, v** Plagioclase, augite-plagioclase and/or andesite and/or basalt, volcanoclastic, local carbonate. Uncertain age, but lithologically closest to Nicola Group (?) volcanics

NICOLA AND MOUNT

- UN** NICOLA GROUP: undifferentiated
- UN, 1, 2** NICOLA GROUP: basic to acidic, mainly volcanoclastic rocks and intercalated argillite, in acidic flows and volcanoclastics, local ichthiosaur equivalents mainly along Thompson River valley
- UN, 2** NICOLA GROUP: carbonate
- UN, 3** NICOLA GROUP: plagioclase, plagioclase-augite intermediate pyroclastic and volcanic breccia, conglomerate, tuff, sandstone, local shale, carbonate clasts common. Local augite porphyry bodies probably feeders to NS volcanics
- UN, 4** NICOLA GROUP: aphanitic, pillowed basic flows
- UN, 5** NICOLA GROUP: augite porphyry, augite-plagioclase porphyry volcanoclastic breccia and tuff, interbedded argillite
- UN, 6** NICOLA GROUP: argillite, siltstone, volcanic sandstone, local intercalated tuff. Pockets along North Thompson River contain interbedded tuff, volcanic conglomerate, chert, argillite, local carbonate, and other augite/intermediate porphyry. Northeast of sandstone, these strata are as old as Middle Triassic
- UN, 7** NICOLA GROUP: variably foliated diorite, amphibolite, metasedimentary rocks, probably equivalent to NS, NS, associated with Nicola, Mica nose and Pomeau Batholiths
- UN, 8** "Pavilion Beds" argillite, siltstone, volcanic sandstone, local tuff, carbonate. Possibly correlative with N1 diorite, quartzofeldspathic intrusions probably mainly subvolcanic to the Nicola Group
- UN, 9**
- UN, 10**

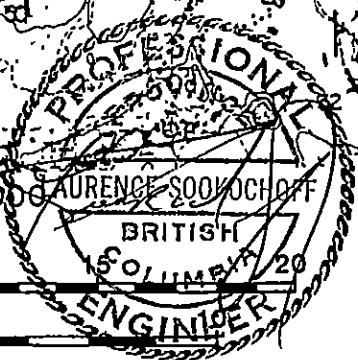
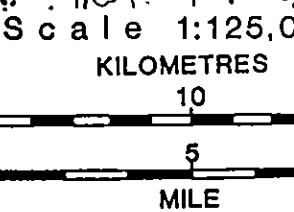


- Limit of outcrop
- Limit of geological mapping
- Geological boundary (defined, approximate, assumed)
- Fault (defined, approximate, assumed, extension beneath drift)
- Thrust faults "layer parallel faults" with an upper plate
- Faults bar indicates down thrust side, arrow indicates relative movement
- Diagnostic fossil locality. Refer to Table 1, sheet 2
- △ Isotopic age (Ar), Refer to Table 2, sheet 2
- △ K-Ar system
- U-Pb system

Base map made from a mosaic of reduced 1:50,000 topographic maps by Survey and Mapping Branch, Department of Energy, Mines and Resources

Contour interval 100 feet

Geology by J.W.H. Manger, Geological Survey of Canada, 1960-62 and V.J. Morrison, British Columbia Ministry of Energy, Mines and Petroleum Resources 1967-75 and 21-08, supplemented by studies shown on Data Source Map, sheet 2



SOOKOCHOFF CONSULTANTS INC.			
NEW HOMBRE RESOURCES LTD.			
CIG CLAIM GROUP			
NICOLA M.D.			
GEOLOGY			
SCALE:	DATE:	N.T.S.	DRAWN BY:
	March '89	621/8W	
			FIGURE: 3

MINERALIZATION

Mineralization on Mineral Hill of the Stump Lake camp is essentially associated with quartz veins which occur as quartz fillings in shear and fracture zones. The principal quartz veins strike from north 45° west to north 25° east and dip between 45° easterly and vertical.

The quartz is white and vitreous and is mineralized irregularly with sulphides which include pyrite, galena, sphalerite, tetrahedrite, chalcopyrite and bornite. The sulphides occur in segregations, thin seams and disseminations which make up usually a low proportion of the veins. Gold and silver values are rudely proportional to the amount of sulphides in any one vein.

On the CIG 100 claim mineralization consists of variable of sulphides within quartz veins.

Samples of wall rock with low to moderate carbonate and/or ankerite and/or silica alteration ranged from background to 39 ppb Au.

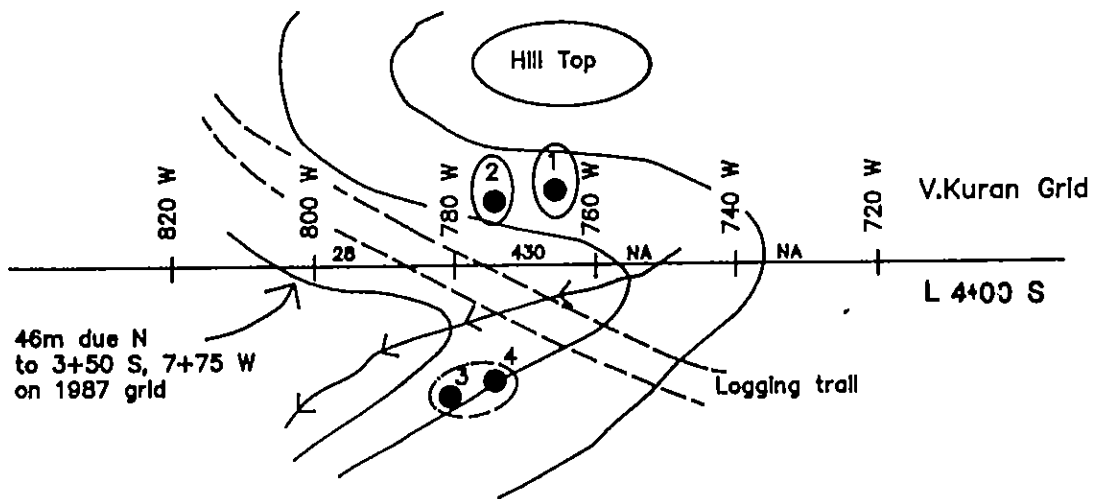
The quartz vein samples ranged from background values in gold to 1650 ppb Au in Trench II of Zone I to .690 oz Au/ton and 14.64 oz Ag/ton at Zone II. The higher grade gold values were contained in quartz with light to moderate degrees of pyrite, chalcopyrite and argentite occurring as blebs, pockets and clusters.

1987 WORK PROGRAM

Geology

The soil anomaly delineated at 4+00S, 7+80W in the 1985 exploration program was investigated and the area prospected. Uphill from the anomaly on a hillock of glacial till two quartz vein boulders were located. The boulders contained traces of pyrite and malachite. Across the draw a small outcrop was located containing small quartz veins in andesite. The quartz veins contained occasional grains of chalcopyrite and pyrite.

The locations of samples taken from the above sites are indicated on the map below.



- 1 Boulder - Sp G, H, Soil Sample I
- 2 Boulder - Sp J, J
- 3 Outcrop - Sp K, L
- 4 Outcrop - Sp M See Appendix II for sample description and assay

Figure 4 : Sample Location Sites-Zone II

Six trenches were examined with special attention to quartz veins and associated carbonate alteration of the wall rock. The original wall rock is hornblende andesite with a porphyritic texture.

Two types of mineralization were noted. Type I - Irregular shaped quartz-calcite veins, often with large vugs lined with quartz crystals and containing occasional blebs of chalcopyrite. There is practically no alteration of the country rock along the contacts of the vein.

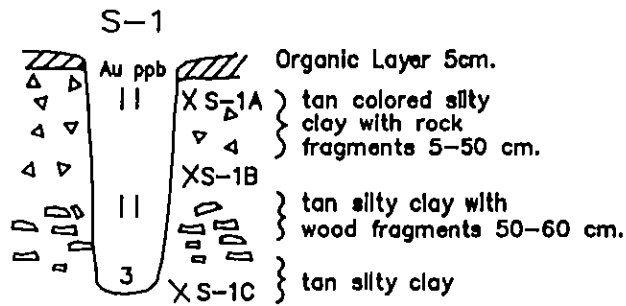
Type 2 - Planar, narrow, quartz calcite veins with calcite alteration of the vein walls up to 20 times the width of the vein. On the fresh surface this alteration zone is the same color as the unaltered rock (grey-green) but on weathering it turns a bright orange brown. In the alteration zone the hornblende is replaced by cream colored feldspar and numerous fine grains of pyrite appear.

Test Pits

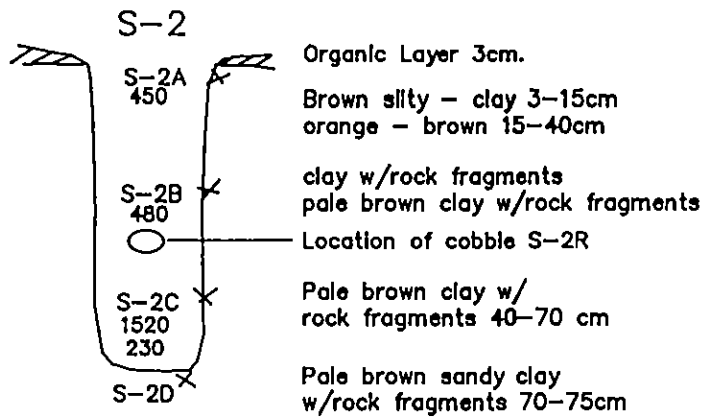
Three test pits were dug to a maximum depth of 75 cm in order to examine the soil profile of the southeast gold anomaly (4+00S, 7+25W).

Samples from pit S-2 at 3+85S, 7+35W returned anomalous gold values of up to 1520 ppb Au with increasing values to a depth of 50 cm. The lowest value of 230 ppb Au was from the bottom of the pit.

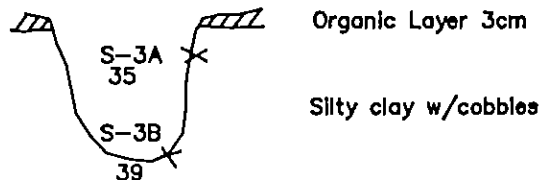
Samples from pits S-1 and S-3 are shallower and returned values of up to 39 ppb Au - occurring at the bottom of S-3.



Sample Depths S-1A 10cm, S-1B 30cm, S-1C 70cm



Sample Depths: S-2A 5cm, S-2B 30cm, S-2C 50cm, S-2D 75cm



Sample Depths: S-3A 5cm, S-3B 30cm



NEW HOMBRE RESOURCES LTD.

CIG 100 CLAIM
NICOLA M.D.

TEST PIT SECTIONS & ASSAYS

DATE: MAR.'88 | N.T.S.: 921/8W | FIGURE: 6

SOOKCHOFF CONSULTANTS INC.

Pit S-2 is located along the perimeter of a gold soil geochemical anomaly between values of 144 ppb Au and 781 ppb Au.

Pit S-1 is located to the west within an area of 17 ppb Au and one ppb Au.

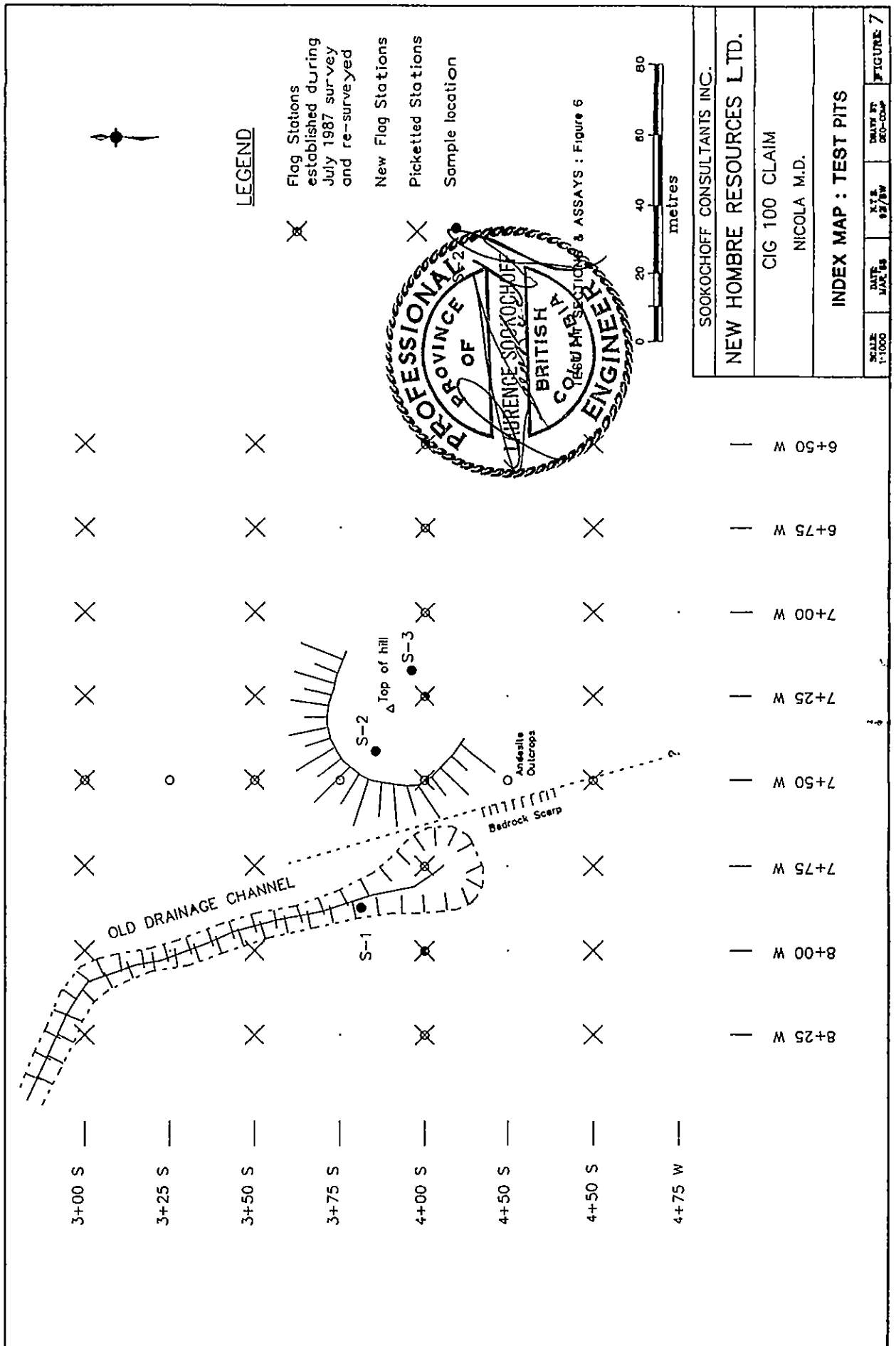
Pit S-3 is located near a soil value of 310 ppb Au.

GEOCHEMICAL SURVEY (Fig. 9)

Initially a north-south base line along the center of the claim (7+00W) was established with east-west grid lines at 100 meter intervals covering the southwest and the northeast of the claim.

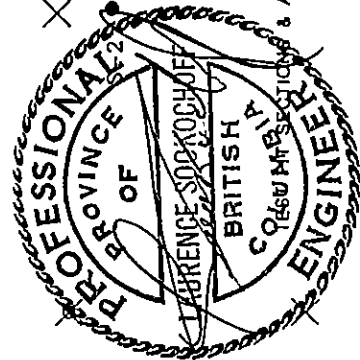
Upon receipt of the initial results, a fill-in grid was established within the anomalous areas in addition to a localized extension of the grid at 100 meter intervals in the southeast sector.

Samples were picked up at 25 meter intervals along the grid lines except for 50 meter intervals within the southwest sector. Samples were selected from the B horizon of the brown to brownish-grey sandy-silted forest soil at a depth of commonly 30 centimetres. The soil was placed in a brown wet-strength paper bag with the grid coordinates marked thereon and a flagged grid station was located at the sample site. A total of 179 samples were picked up and analysed.



LEGEND

- X Flag Stations established during July 1987 survey and re-surveyed
- x New Flag Stations
- x Picketted Stations
- X Sample location



& ASSAYS : Figure 6

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NEW HOMBRE RESOURCES LTD.

CIG 100 CLAIM

NICOLA M.D.

INDEX MAP : TEST PITS

SCALE 1:1000	DATE MAY 88	N.T.S. 02/88	DRAWN BY D.C.-D.A.P.	FIGURE 7
-----------------	----------------	-----------------	-------------------------	----------

All samples were tested by Acme Laboratories of Vancouver, B.C. The testing procedure is first to thoroughly dry the sample. Then 500 grams of material is digested with 3 ml. of 3:1:3 HCL to HNO₃ to H₂O at 90° more or less for one hour. The sample is diluted to 10 mls. with water. The sample was then analysed by I.C.P. for 30 elements. Gold analysis is by AA from a 10 gram sample.

A logarithmic statistical program run on an IBM PC computer was utilized to group the reported gold geochemical values into equal logarithmic intervals and to obtain a cumulative frequency graph.

From the frequency distribution graph of the data, the mean, subanomalous and anomalous threshold values were determined.

As a result, the statistical parameters for gold were:

Background Threshold	8.0 ppb
Subanomalous Threshold	20.0 ppb
Anomalous Threshold	45.0 ppb

The results indicated two prime anomalous gold zones. Zone I is a 300 meter by 400 meter anomalous area at the northwest portion of the claim and correlates with an area of abundant quartz vein float and trenches that expose carbonated alteration zones within the volcanics. This zone correlates with and substantiates the anomalous gold geochem area as delineated in the Kuran (1985) exploration program.

Anomalous gold Zone II is located in the south-central survey area and extends the single anomalous gold value established by Kuran (1985). Anomalous upto 1089 ppb gold values cover an area of 200 meters by up to 40 meters. Test pits and soil profile samples (Fig. 6) confirm the surface gold anomalous results and indicate anomalous gold values to a depth of 75 cm.

GEOPHYSICAL SURVEYS (Fig. 8,9,10,11)

VLF-EM survey

Two EM surveys were completed over portions of the claim.

A Sabre model 27 VLF-EM receiver instrument manufactured by Sabre Electronics of Vancouver was used to cover all the area of the soil geochemical survey in addition completing a greater portion of the southeast sector. The transmission station utilized was Seattle broadcasting at a frequency of 24.8 KHz.

A second VLF survey was completed over the gold geochemical anomalous Zone II area utilizing a Ronka VLF-EM 16 receiver, serial No. 20. The transmitter was Seattle broadcasting at a frequency of 24.8 KHz - tilt direction 305° and Cutler broadcasting at a frequency of 24.0 KHz - tilt direction 355°.

The VLF-EM receiver measures the amount of distortion produced in a primary transmitted magnetic field and a secondary magnetic field which may be induced by a conductive mass such as a sulphide body. The VLF-EM unit - due to its relatively high frequency - can detect low conductive zones such as fault or shear zones, carbonized sediments or lithological contacts.

The major disadvantage of the VLF method, however is that the high frequency results in a multitude of anomalies from unwanted sources such as swamp edges, creek and topographical highs.

The results of the Sabre survey (Fig. 8) indicated northerly to northeasterly and northwesterly anomalous trends which would possibly indicate a structural trend and thus controls to mineralization.

Within Zone I anomalous gold geochem values appear to flank a 050° trending anomaly to the east.

Within Zone II a similar situation occurs where anomalous gold geochem values flank an anomalous VLF trend @ 025° to the east.

The results of the Ronka survey correlates with the Sabre VLF survey in the Zone II area. A northeasterly trending structure @ 040° is indicated correlating with a series of localized magnetometer lows and a gold geochem zone. The highest gold geochem on the property (1089 ppb) is located at 7+00W, 3+50S and between the parallel -30 meter spaced Ronka EM anomalies.

Magnetometer Survey

A magnetometer survey was carried out over the southwest and northeast sector of the claim utilizing the geochemical grid stations. Readings were taken at 25 meter intervals. A G-10 fluxgate magnetometer manufactured by Geotronics Instruments of Vancouver was utilized for the survey.

Vertical component of field measured.

All rocks contain some magnetite from very small fractions of a percent up to several percent, and even several tens of percent in the case of magnetic iron deposits. The distribution of magnetite or certain characteristics of its magnetic properties may be used in exploration or mapped for other purposes.

The anomalies from naturally occurring rocks and minerals are due chiefly from the presence of the most common magnetic mineral magnetite or of related minerals including limonite and pyrrhotite (with sulfide mineralization).

Magnetic anomalies of the Earth's magnetic field are caused by two different kinds of magnetism: induced and remanent. Induced magnetization refers to the action of the field on the material wherein the ambient field is enhanced and the material itself acts as a magnet.

The proportion of magnetism is related to the magnetic susceptibility of the material. Typically, more basic igneous rocks have a higher susceptibility than the acid igneous rock; the latter in turn have a higher susceptibility than sedimentary rocks.

The remanent magnetization is often the predominant magnetization (relative to the induced magnetization) in many igneous rocks. The remanent mineralization is important in geological mapping.

Magnetic minerals may also occur in association with sulphide zones or may be decomposed through the action of dynamic or thermal metamorphism. Thus the survey results could indicate lithology structure, alteration patterns and most significantly, mineral zones in a favorable geological environment.

The results of the survey indicated a general series of localized northeasterly trending mag HI's through the central portion of the claim. Anomalous Zone I occurs to the north of the trend with anomalous Zone II to the south. the two zones occur within relatively quiet areas.

A series of localized magnetometer LO's correlates with the VLF-EM anomalies of and the subanomalous gold geochem area of Zone II.

The magnetometer LO's possibly reflect hydrothermally altered zones within the northeasterly trending structure as expressed by the correlating VLF-EM and Ronka EM anomalies.

CONCLUSIONS

Two prime anomalous gold geochemical zones were delineated as a result of the exploration program on the CIG 100 claim. The two zones reflect the containment of potentially mineral controlling structures for the location of economic gold-silver bearing zones comparable to the zones mined at the Enterprise and other properties to the west.

Zone II is a 600 meter long correlative anomalous zone open at both ends and containing anomalous gold geochem values in addition to significant gold (.690/ton) and silver (18.22 oz/ton) values in quartz vein float material. Specific target areas have been selected to test the zone by diamond drilling (Figure 10).

Zone I although known to envelop quartz vein material which contains limited mineralization requires additional exploration to locate specific target areas for diamond drill testing.

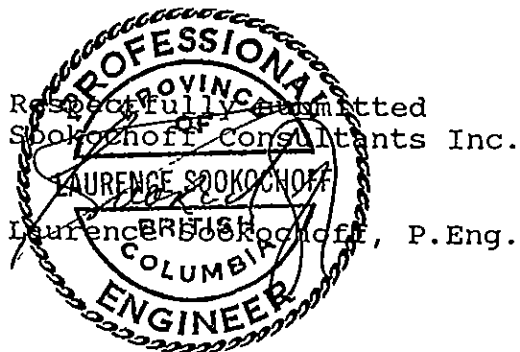
RECOMMENDATIONS

It is recommended that a diamond drill program be initiated to test the indicated gold-silver bearing structure of Zone I.

In addition a Ronka EM survey should be completed over the trenched area of Zone I and along the northeast extensions of Zone II to the eastern boundary of the claim. The extension is projected through a 150 meter by 50 meter subanomalous gold area.

A detailed geochemical survey should also be completed over unexplored areas. The soils should be tested for gold and silver. Anomalous areas should be detailed by a Ronka VLF survey.

Vancouver B.C.
June 3, 1988



SELECTED REFERENCES

COCKFIELD, W.E. - Geology and Mineral Deposits of Nicola Map Area, Memoir 249, G.S.C. 1961.

B.C. MINISTER OF MINES REPORTS - 1936 p D14-D23

GEOLOGICAL SURVEY OF CANADA - Bedrock Geology of Ashcroft (92I) map area, Open File 980

KURAN, V. - Assessment Report on the CIG 100 claim for TimeSquare Energy Resources Ltd. April 27, 1986. Assessment Report 14785.

PAXTON, J. - Notes on the Geology of the CIG 100 claim, July 18, 1987

- Notes on the Geology of the CIG 100 claim, September 14, 1987.

RAYNER, G.H. - A Report on the Stump Lake Property for Celebrity Energy Corporation, April 14, 1983.

RICHARDSON, P.W. - Report on the Stump Lake Property for Goldbrae Developments Ltd., July 11, 1985.

VOLLO, N.B. - Report on the CIG 100 claim for Times Square Energy Resources Ltd., 1984.

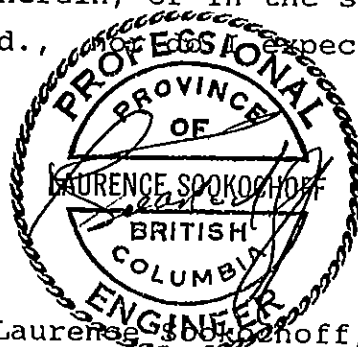
CERTIFICATE

I, Laurence Sookochoff, of the city of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a Consulting Geologist with offices at 609-837 West Hastings St., Vancouver, V6C 1B6

I further certify that:

1. I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology.
2. I have been practising my profession for the past twenty-two years.
3. I am registered with the Association of Professional Engineers of British Columbia.
4. Information for the accompanying report was obtained from sources cited under Selected References and from the supervision of the exploration program on the CIG 100 claim.
5. I have no direct, indirect nor contingent interest in the property described herein, or in the securities of New Hombre Resources Ltd., or expect to receive any.



Laurence Sookochoff, P.Eng.
Consulting Geologist

June 3, 1988
Vancouver, B.C.

New Hombre Resources Ltd.
CIG Claim Group
Statement of Costs

The field work on the Cig claim group was carried out from June 15, 1987 to February 15, 1988. The value of the work was as follows:

Geochemical Survey

Rod Husband, Ron Husband

July 14 - 17, Oct 20 - 21, 1987 12

man days @ \$210	\$2,520.00	
Petralith - contract. 5 days	1,050.00	
Room, board, truck rental & gas, field supplies	1,529.00	
Assays	<u>3,789.68</u>	\$8,888.68

Geological Survey

Petralith (J. Paxton, P.Eng) \$3,353.99

Geophysical Survey

S.Presunka September 22 - 30, 1987

9 days @ \$400	\$3,600.00	
Room and board 9 man days @ \$42	378.00	
Truck Rental gas & km	314.10	
Instrument Rental 9 X \$50	<u>450.00</u>	\$4,742.10

\$16,984.77
=====

APPENDIX I
ASSAY CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED AUG.12 1987

DATE REPORTS MAILED

Aug 21/87

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - 80 MESH

Au# - 10 GM, IGNITED, HOT AQUA REGIA LEACHED, HIBK EXTRACTION, AA ANALYSIS.

ASSAYER *D. Toye* DEAN TOYE . CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT CIG FILE# 87-3196

PAGE# 1

SAMPLE	Au# ppb
4+50N 7+00W	4
4+50N 6+75W	1
4+50N 6+50W	3
4+50N 6+25W	1
4+50N 6+00W	1
4+50N 5+75W	1
4+50N 5+50W	1
4+50N 2+75W	1
4+50N 2+50W	1
4+50N 2+25W	1
4+50N 2+00W	1
4+50N 1+75W	1
4+50N 1+50W	1
1+50N 13+25W	7
1+50N 13+00W	8
1+50N 12+75W	3
1+50N 12+50W	34
1+50N 12+25W	28
1+50N 12+00W	12
1+50N 11+75W	17
1+50N 11+50W	8
1+50N 11+25W	10
1+50N 11+00W	43
1+50N 10+75W	22
1+50N 10+50W	10
1+50N 10+25W	13
1+50N 10+00W	3
1+50N 9+75W	1
1+50N 9+50W	4
1+50N 9+25W	5
1+50N 9+00W	3
1+50N 8+75W	8
1+50N 8+50W	5
1+50N 8+25W	3
1+50N 8+00W	41

SAMPLE	Au*
	ppb
1+50N 7+50W	54
0+50N 13+25W	12
0+50N 13+00W	25
0+50N 12+75W	10
0+50N 12+50W	61
0+50N 12+25W	58
0+50N 12+00W	6
0+50N 11+75W	4
0+50N 11+50W	18
0+50N 11+25W	20
0+50N 11+00W	12
0+50N 10+75W	5
0+50N 10+50W	188
0+50N 10+25W	15
0+50N 10+00W	8
0+50N 9+75W	63
0+50N 9+50W	38
0+50N 9+25W	9
0+50N 9+00W	8
0+50N 8+75W	7
0+50N 8+50W	31
0+50N 7+50W	12
0+50S 13+25W	74
0+50S 13+00W	42
0+50S 12+75W	30
0+50S 12+50W	3
0+50S 12+25W	92
0+50S 12+00W	37
0+50S 11+75W	17
0+50S 11+50W	6
0+50S 11+25W	16
0+50S 11+00W	44
0+50S 10+75W	82
0+50S 10+50W	44
0+50S 10+25W	8
0+50S 10+00W	16

SAMPLE	Au*
	ppb
0+50S 9+75W	3
0+50S 9+50W	14
0+50S 9+25W	2
0+50S 9+00W	1
1+50S 13+25W	2
1+50S 13+00W	13
1+50S 12+75W	11
1+50S 12+50W	2
1+50S 12+25W	3
1+50S 12+00W	18
1+50S 11+75W	3
1+50S 11+50W	2
1+50S 11+25W	21
1+50S 11+00W	14
1+50S 10+75W	31
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1+50S 10+00W	3
1+50S 9+75W	2
1+50S 9+50W	1
1+50S 9+25W	1
1+50S 9+00W	2
1+50S 8+75W	3
1+50S 8+50W	2
1+50S 8+25W	1
1+50S 8+25W A	1
1+50S 8+00W	3
1+50S 7+75W	6
1+50S 7+50W	1
1+50S 7+25W	5
CIG-100 SOIL 1	740

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 LEAD IS PARTIAL FOR KM FE CA P LA CR MG BA TI U W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK AU8 ANALYSIS BY AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: AUG 13 1987

DATE REPORT MAILED:

Aug 20/87

ASSAYER: *D. Jeps...* DEAN TOYE, CERTIFIED B.C. ASSAYER

SPOKOCHOFF PROJECT-CIG File # 87-3265

SAMPLE#	MG	CU	PB	ZN	AG	NI	CO	KM	FE	AS	U	AU	TH	SR	CD	SB	BT	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	F	W	AU8
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	Z	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	Z	Z	PPM	PPM	Z	PPM	Z	PPM	Z	Z	Z	PPM	PPM
A	1	86	8	40	.1	20	12	338	2.44	18	5	ND	1	69	1	2	2	65	1.03	.142	3	133	1.66	108	.18	2	1.57	.06	.41	1	7
B	1	110	12	54	.1	34	14	424	3.06	16	5	ND	1	75	1	4	2	72	1.10	.144	4	134	2.12	188	.22	2	2.17	.06	.77	1	1
C	1	27	6	19	.1	5	5	871	1.74	10	5	ND	1	155	1	2	3	50	19.14	.006	2	6	.47	76	.01	2	.42	.01	.05	1	9
D	1	101	10	35	.1	16	10	847	2.25	16	5	ND	1	174	1	2	2	53	14.82	.123	2	48	1.12	192	.17	2	1.55	.01	.85	1	1
E	1	142	11	32	.1	12	8	626	1.82	17	5	ND	1	165	1	2	2	42	11.37	.140	2	38	.71	93	.15	2	1.21	.01	.54	1	3
F	1	235	12	77	.1	10	17	652	4.31	10	5	ND	1	76	1	2	2	79	1.46	.167	2	9	1.82	32	.04	4	2.29	.05	.05	1	1
G	1	553	2675	465	370.4	4	1	89	1.27	137	5	20	1	11	22	356	2	4	.21	.008	2	1	.08	10	.01	4	.04	.01	.03	1	16859
H	1	404	4287	178	628.6	4	1	66	1.34	162	5	2	1	14	8	688	3	4	.03	.008	2	5	.02	17	.01	2	.05	.01	.06	1	2690
J (A)	1	370	35	56	9.0	52	14	668	3.52	8	5	ND	1	184	1	10	2	93	5.72	.136	2	112	2.76	514	.12	2	2.00	.03	.16	1	1300
J (B)	1	242	34	51	5.1	50	15	612	3.16	7	5	ND	1	213	1	8	2	82	5.83	.128	2	130	2.63	317	.12	2	1.83	.04	.11	1	200
K	1	10	13	11	.7	7	3	302	1.36	5	5	ND	1	392	1	2	3	40	3.81	.055	2	19	.51	12	.10	2	1.00	.01	.05	1	4
L	2	110	13	34	.9	20	11	611	3.22	9	5	ND	1	537	1	2	2	85	6.47	.092	2	45	1.58	78	.14	15	2.00	.01	.22	1	1
M	1	177	12	27	.5	13	8	951	2.70	7	5	ND	1	497	1	2	2	74	6.73	.097	2	33	1.29	104	.14	16	1.77	.01	.24	1	3
N	1	40	13	52	.5	22	13	1118	3.95	9	5	ND	1	187	1	6	2	80	11.62	.104	4	47	1.77	290	.05	3	1.51	.02	.78	1	1
O	2	106	15	82	.4	22	17	973	5.03	28	6	ND	2	195	1	32	2	54	6.96	.133	1	17	2.17	142	.01	26	1.00	.02	.65	2	32
P	1	125	14	74	.4	28	17	788	4.33	4	5	ND	1	147	1	2	2	101	5.46	.134	3	58	2.60	132	.05	2	2.75	.02	.48	1	2
Q	1	126	302	175	12.5	2	1	60	.94	130	5	2	1	11	2	231	3	8	.08	.012	2	6	.05	47	.01	3	.24	.01	.21	1	1650
R	1	100	16	52	.3	10	11	353	2.52	6	8	ND	1	100	1	4	2	74	1.23	.137	2	25	1.82	91	.17	30	1.97	.10	.86	1	30
S	1	71	12	47	.2	20	11	1013	3.81	5	8	ND	1	217	1	5	2	68	7.90	.104	2	25	2.42	526	.06	3	1.77	.02	.42	1	8
T	1	100	9	31	.2	10	13	1273	3.98	4	5	ND	1	288	1	4	2	86	11.58	.099	3	25	2.57	772	.04	5	2.45	.01	.41	1	0
U	1	124	15	65	.2	23	15	793	4.17	10	5	ND	1	157	1	9	2	62	5.32	.130	4	28	2.22	451	.03	7	1.33	.02	.84	1	7
V	1	175	10	114	.0	27	21	1906	5.10	19	5	ND	1	196	1	15	2	60	8.16	.103	2	29	2.60	52	.01	3	1.01	.02	.26	1	1
W	1	107	17	57	.2	21	14	758	3.78	8	5	ND	1	190	1	7	2	67	4.73	.123	3	27	2.15	737	.07	20	1.40	.04	.82	1	3
X	2	171	12	67	.7	16	18	995	5.26	30	5	ND	1	261	1	2	2	53	10.51	.162	3	10	2.47	562	.01	7	.64	.01	.44	1	8
Y	1	101	9	31	.2	11	18	533	3.00	11	5	ND	1	75	1	2	2	88	1.23	.200	2	13	1.86	280	.25	2	2.37	.05	1.40	1	2
STD C/AU-P	10	5	40	.32	1.0	66	26	896	4.01	38	20	7	37	47	18	17	20	56	.48	.088	35	58	.88	175	.08	39	1.83	.07	.13	13	400

✓ ASSAY REQUIRED FOR CORRECT RESULT -

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 NH FE CA P LA CR NG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOIL/ROCK AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 21 1987

DATE REPORT MAILED: *Sept 26/87*

ASSAYER: *DeBoyer* DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKUCHOFF PROJECT-NEW HOMBRE File # 87-4261

SAMPLE#	AU	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	NG	BA	TI	B	AL	NA	K	W	AUT
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	%	PPM	%	%	%	PPM	PPM	
S-1A	1	34	3	84	.1	15	7	725	2.06	4	5	ND	2	43	1	2	2	37	.43	.045	6	30	.37	154	.10	7	1.13	.02	.35	1	11
S-1B	1	27	8	71	.1	14	6	356	2.10	4	5	ND	1	39	1	2	2	39	.37	.022	6	29	.37	98	.11	2	1.21	.03	.27	1	11
S-1C	1	45	7	92	.5	21	8	272	2.80	6	5	ND	3	42	1	2	2	44	.36	.021	10	41	.60	70	.13	6	1.78	.03	.36	1	3
S-2A	1	86	176	226	6.1	23	11	485	3.26	39	5	ND	3	34	3	10	2	41	.38	.027	4	47	.69	91	.14	2	1.44	.02	.32	1	450
S-2B	1	201	188	250	23.9	42	14	474	4.12	69	5	ND	2	55	2	15	2	76	1.09	.086	5	62	1.26	65	.10	2	1.31	.02	.16	1	490
S-2C	1	296	2343	836	158.3	39	15	718	3.82	228	5	ND	1	145	16	81	2	53	5.91	.094	4	44	1.17	75	.07	2	.74	.01	.09	1	1520
S-2D	1	126	177	197	15.5	28	12	578	3.18	58	5	ND	1	126	2	12	2	44	4.76	.080	5	46	1.09	118	.11	2	.95	.01	.12	1	230
S-3A	1	45	22	92	.1	19	9	487	2.75	13	5	ND	2	33	1	2	2	52	.31	.023	6	38	.50	126	.13	2	1.54	.02	.25	1	55
S-3B	1	45	20	83	1.3	18	8	277	2.74	13	5	ND	3	37	1	6	2	55	.39	.031	5	41	.54	106	.14	10	1.49	.03	.23	1	39
F 9022	2	873	4936	419	505.8	13	2	74	2.12	254	5	24	1	18	11	887	2	5	.02	.010	2	9	.16	32	.01	4	.04	.01	.06	1	23800
F 9023	1	1065	2492	2351	446.1	8	2	128	1.64	180	5	7	2	14	38	475	2	5	.24	.009	2	8	.07	19	.01	7	.06	.01	.05	1	6200
STD C	1*	61	42	131	7.0	68	27	1025	3.87	35	18	7	38	50	16	18	20	57	.43	.082	38	60	.77	177	.08	33	1.63	.06	.13	14	-

Reqs. ASSAY REQUIRED FOR Ag > 35 ppm

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR NH FE CA P LA CR MG BA TI B V AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-3 SOIL P4 ROCK AU1 ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: FEB 05 1988

DATE REPORT MAILED: Feb 11/88

ASSAYER: C. Long...D. TOYE OR C. LEONG, CERTIFIED B.C. ASS

SOOKOCHOFF PROJECT-STEEL CUPBEARD File # 88-0336 Page 1

SAMPLE#	NO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CO PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	N PPM	SUI PPM	
1+50X 7+00W	1	31	7	55	.1	11	4	513	1.55	3	5	ND	1	319	1	2	7	23	2.77	.077	6	18	1.31	187	.05	16	1.00	.05	.25	1	1	
1+50X 4+50W	1	30	6	56	.1	16	8	499	2.78	4	5	ND	2	35	1	2	2	47	.45	.031	7	37	.43	145	.13	5	1.92	.04	.24	1	1	
1+50X 5+00W	1	70	12	83	.1	20	11	727	3.45	12	5	ND	2	46	1	3	6	55	.55	.042	9	36	.67	190	.14	4	2.52	.04	.36	1	27	
1+50X 5+50W	1	42	16	78	.4	16	10	624	2.98	13	5	ND	1	46	1	2	2	48	.47	.041	7	32	.61	152	.13	2	2.23	.04	.34	1	15	
1+50X 5+00W	1	50	6	59	.3	10	8	472	2.22	2	5	ND	1	44	1	2	3	30	.84	.028	6	19	1.15	114	-.10	5	1.87	.04	.38	1	2	
1+50X 4+50W	1	42	5	77	.1	12	6	736	2.78	6	5	ND	1	40	1	2	3	45	.53	.046	5	26	.50	179	.12	3	2.10	.03	.20	1	2	
1+00X 7+00W	1	43	3	60	.1	12	4	444	1.41	9	5	ND	1	397	1	2	4	23	4.63	.090	5	14	1.93	164	.05	14	1.11	.05	.10	1	4	
1+00X 4+50W	1	33	9	63	.2	16	6	657	2.74	10	5	ND	2	43	1	2	2	43	.46	.045	7	33	.53	163	.12	3	2.12	.04	.24	1	2	
1+00X 6+00W	1	39	8	83	.1	16	9	902	2.68	10	5	ND	1	51	1	2	2	43	.65	.055	5	31	.56	205	.11	5	1.96	.03	.35	1	1	
1+00X 5+50W	1	44	11	58	.2	15	9	548	2.97	6	5	ND	2	46	1	2	2	49	.48	.028	7	32	.63	131	.12	2	1.84	.04	.31	1	2	
1+00X 5+00W	1	55	6	65	.1	16	11	680	3.20	8	5	ND	1	48	1	2	2	51	.56	.028	7	35	.65	157	.13	6	2.27	.03	.33	1	1	
1+00X 4+50W	1	49	5	73	.1	17	11	931	3.64	4	5	ND	1	46	1	3	4	58	.58	.030	5	44	.72	163	.13	8	2.18	.03	.47	1	1	
0+00S 7+00W	1	26	8	58	.1	15	9	616	2.83	8	5	ND	1	36	1	4	2	44	.33	.054	5	31	.44	133	.11	4	1.96	.03	.25	1	4	
0+00S 6+50W	1	44	7	54	.1	17	10	590	2.83	5	5	ND	1	48	1	2	2	43	.66	.026	7	39	.88	144	.11	2	1.75	.05	.27	1	4	
0+00S 6+00W	1	32	6	58	.1	17	9	507	3.01	5	5	ND	1	44	1	2	2	48	.44	.018	5	38	.57	131	.14	4	1.87	.04	.30	1	2	
0+00S 5+50W	1	47	5	76	.1	13	9	598	2.88	2	5	ND	1	34	1	2	3	42	.37	.036	4	19	.51	169	.12	10	2.33	.03	.21	1	2	
0+00S 5+00W	1	83	6	73	.3	13	12	441	3.27	8	5	ND	1	49	1	2	3	55	.69	.053	6	26	.68	156	.14	2	2.84	.03	.29	1	1	
0+00S 4+50W	1	30	3	54	.1	11	8	480	2.57	2	5	ND	1	44	1	2	2	40	.44	.025	5	32	.49	106	.10	2	1.61	.03	.27	1	1	
1+00S 7+00W	1	154	10	63	.2	15	14	496	3.61	7	5	ND	1	200	1	3	6	67	4.01	.040	5	37	1.56	142	.08	10	2.00	.09	.44	1	8	
1+00S 6+50W	1	60	6	138	.2	19	10	636	3.84	7	5	ND	1	72	1	2	2	43	1.41	.091	6	31	.63	185	.10	8	2.19	.03	.40	1	1	
1+00S 6+00W	1	47	3	53	.1	17	9	702	2.99	6	5	ND	1	47	1	2	2	48	.57	.023	7	38	.58	168	.13	15	1.98	.04	.33	1	2	
1+00S 5+50W	1	32	7	76	.1	16	8	727	2.88	4	5	ND	2	38	1	2	2	44	.40	.027	8	29	.43	196	.13	2	2.44	.04	.25	1	1	
1+00S 5+00W	1	72	6	66	.1	18	10	657	3.25	5	5	ND	2	46	1	2	2	53	.54	.029	8	38	.61	163	.13	12	1.98	.04	.31	1	4	
1+00S 4+50W	1	45	3	74	.1	14	9	684	3.12	8	5	ND	2	40	1	2	2	47	.57	.032	7	30	.50	162	.12	4	2.28	.03	.31	1	1	
1+50S 7+00W	1	37	8	49	.1	13	7	252	2.49	10	5	ND	1	29	1	2	2	38	.31	.020	2	25	.46	87	.10	4	2.00	.04	.17	1	1	
2+00S 3+25W	1	35	8	81	.1	17	9	641	2.91	8	5	ND	2	36	1	2	2	44	.42	.032	6	32	.52	176	.13	2	2.26	.03	.25	1	1	
2+00S 3+00W	1	51	4	63	.2	19	9	618	2.37	8	5	ND	1	49	1	2	2	48	.63	.033	7	38	.54	139	.12	3	1.69	.04	.27	1	1	
2+00S 3+75W	1	41	5	82	.1	17	9	891	2.87	8	5	ND	1	41	1	2	2	45	.46	.034	6	34	.53	187	.13	6	2.10	.03	.30	1	7	
2+00S 7+20W	1	24	6	58	.1	14	8	500	2.55	3	5	ND	1	36	1	2	2	43	.41	.023	5	31	.45	120	.12	4	1.84	.04	.26	1	1	
2+00S 7+25W	1	22	8	54	.1	15	8	484	2.55	4	5	ND	1	33	1	2	2	40	.36	.029	4	27	.52	121	.13	3	2.02	.03	.22	1	1	
2+00S 7+00W	1	169	9	56	.3	12	6	297	1.92	8	5	ND	1	109	1	2	2	30	1.32	.042	6	23	.81	76	.07	7	1.13	.05	.19	1	1	
2+00S 5+50W	1	47	3	60	.1	15	11	608	3.12	10	5	ND	1	55	1	2	2	49	.55	.036	6	35	.70	154	.11	6	1.90	.05	.41	1	4	
2+00S 5+00W	1	51	9	68	.3	18	11	548	3.00	14	5	ND	1	154	1	2	2	57	2.48	.065	7	30	1.12	201	.12	5	1.59	.05	.59	1	1	
2+00S 5+00W	1	118	6	54	.1	18	12	458	3.30	13	5	ND	2	60	1	2	2	56	.46	.026	5	43	.85	155	.12	5	2.20	.03	.50	1	15	
2+00S 5+00W	1	25	7	72	.1	7	6	169	2.25	6	5	ND	1	26	1	2	2	36	.25	.013	2	17	.41	56	.08	2	1.65	.06	.10	1	6	
2+00S 4+50W	1	46	2	37	.1	9	6	381	1.72	4	5	ND	1	107	1	2	2	23	1.17	.027	4	18	.47	116	.06	6	1.56	.04	.17	1	2	
STD C/AU-5	18	57	39	132	2.2	68	29	1056	4.15	43	19	ND	8	36	47	18	20	24	55	.47	.066	38	57	.88	175	.07	32	1.91	.08	.13	11	49

SOOKOCHOFF PROJECT-STEEL CUPBEARD FILE # 86-0336

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TR PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AUS PPM
2+505 2+25#	1	26	12	76	.2	21	10	572	3.03	5	5	ND	2	40	1	2	3	49	.41	.030	-7	37	.57	133	.13	9	1.52	.04	.24	1	14
2+505 3+00#	1	21	3	61	.1	12	6	467	2.21	6	5	ND	1	36	1	2	3	38	.37	.030	4	29	.40	102	.10	4	1.29	.04	.19	1	2
2+505 7+75#	1	25	2	95	.1	14	8	694	2.31	6	5	ND	1	43	1	2	2	37	.34	.042	4	28	.46	133	.10	5	1.57	.04	.23	1	1
2+505 7+50#	1	36	4	77	.2	19	9	732	2.81	6	5	ND	2	39	1	2	2	45	.38	.024	6	34	.53	142	.12	7	1.87	.04	.24	1	4
2+505 7+25#	1	38	7	67	.1	20	10	645	3.16	8	5	ND	2	41	1	2	2	52	.49	.029	7	37	.58	136	.14	6	2.16	.04	.23	1	1
2+505 7+00#	1	24	5	72	.1	13	8	754	2.46	8	5	ND	1	42	1	2	2	36	.58	.040	4	26	.45	168	.10	5	1.99	.03	.23	1	1
3+005 2+25#	1	23	5	111	.2	14	7	821	2.08	6	5	ND	1	43	1	2	2	31	.66	.041	4	23	.36	169	.09	12	1.69	.04	.23	1	2
3+005 3+00#	1	34	11	62	.2	17	9	519	2.75	5	5	ND	2	42	1	2	2	50	.47	.025	7	39	.53	106	.13	10	1.61	.04	.22	1	1
3+005 7+75#	1	28	13	110	.1	16	8	545	2.51	12	5	ND	1	27	1	2	2	38	.24	.046	4	28	.43	136	.11	8	2.07	.04	.16	1	6
3+005 7+50#	1	34	11	116	.5	15	8	908	2.29	13	5	ND	1	42	1	2	2	34	.46	.066	4	24	.42	216	.09	7	1.89	.04	.22	1	12
3+005 7+25#	1	38	12	105	.5	18	9	633	2.77	11	5	ND	1	35	1	2	2	43	.37	.040	5	31	.59	147	.11	9	2.23	.03	.22	1	6
3+005 7+00#	1	43	14	100	.4	19	8	753	2.67	14	5	ND	2	46	1	2	3	45	.46	.046	6	31	.54	156	.11	11	1.91	.04	.23	1	3
3+005 5+50#	1	41	6	127	.3	18	10	716	2.40	12	5	ND	1	37	1	2	2	39	.68	.044	3	30	.62	136	.08	11	2.15	.03	.22	1	2
3+005 6+50# (6+00#)	1	32	23	133	.5	15	9	588	2.69	10	5	ND	1	36	1	2	2	45	.34	.031	4	30	.65	95	.09	4	2.02	.03	.25	1	9
3+005 5+50#	1	50	15	114	.7	23	11	642	3.65	93	5	ND	2	48	1	2	5	55	.49	.040	5	39	.78	115	.10	5	2.33	.03	.21	1	99
3+005 5+00#	1	29	3	79	.1	16	8	1001	2.55	7	5	ND	1	46	1	2	2	41	.54	.043	5	32	.42	180	.12	6	1.94	.03	.26	1	1
3+005 4+50#	1	35	2	70	.1	13	7	766	2.51	2	5	ND	1	43	1	2	2	39	.53	.038	5	31	.44	188	.11	6	1.86	.03	.27	1	3
3+505 3+25#	1	21	3	54	.1	13	8	505	2.53	7	5	ND	1	35	1	2	3	42	.35	.028	5	33	.43	123	.12	3	1.79	.04	.21	1	1
3+505 3+00#	1	32	10	75	.2	16	7	649	2.47	6	5	ND	1	64	1	2	2	39	.72	.027	7	34	.61	119	.10	6	1.55	.04	.20	1	2
3+505 7+75#	1	26	8	50	.1	13	7	480	2.58	8	5	ND	1	37	1	2	2	46	.37	.032	6	35	.41	102	.12	3	1.51	.04	.21	2	1
3+505 7+50#	1	28	20	104	.5	13	7	565	2.51	10	5	ND	1	39	1	2	2	41	.47	.043	6	29	.40	133	.10	7	1.69	.04	.24	1	23
3+505 7+25#	2	89	848	1211	30.3	25	8	924	3.10	103	5	ND	1	41	7	27	2	33	.52	.094	4	23	.35	178	.06	9	1.85	.03	.22	1	781
3+505 7+00#	1	80	381	748	22.5	22	9	673	2.99	138	5	ND	1	36	4	15	2	35	.43	.078	4	23	.41	123	.08	10	1.67	.03	.18	1	1089
4+005 8+25#	1	26	6	80	.2	16	8	390	2.61	5	5	ND	1	40	1	2	2	41	.40	.043	6	31	.45	158	.12	13	2.03	.04	.26	1	2
4+005 3+00#	1	29	4	69	.1	16	8	657	2.76	6	5	ND	2	44	1	2	3	44	.50	.027	8	36	.47	165	.12	7	1.94	.04	.29	1	17
4+005 7+75#	1	21	17	148	.2	12	5	286	2.08	5	5	ND	1	46	1	2	2	29	.48	.026	3	19	.36	66	.08	8	1.34	.05	.15	1	6
4+005 7+50#	1	67	105	212	5.5	26	11	635	3.64	50	5	ND	1	53	2	4	4	56	.69	.037	5	40	.75	124	.11	5	1.77	.03	.29	1	144
4+005 7+25#	1	38	25	103	.3	19	10	595	3.10	18	5	ND	1	44	1	2	3	52	.55	.027	7	39	.61	146	.13	5	1.88	.03	.30	1	20
4+005 7+00#	1	72	16	93	.8	26	12	804	3.59	14	5	ND	2	49	1	2	4	61	.63	.028	7	52	.86	110	.13	8	2.24	.03	.40	1	7
4+005 6+50#	1	32	6	71	.1	16	8	457	2.90	5	5	ND	1	41	1	2	2	48	.44	.025	6	39	.50	118	.14	6	1.99	.04	.29	1	2
4+005 5+00#	1	45	21	146	.2	17	8	1244	2.33	11	5	ND	1	44	1	2	2	34	.56	.045	4	31	.48	207	.10	10	1.91	.03	.19	1	1
4+005 5+50#	1	50	9	65	.1	23	11	1026	3.38	2	5	ND	1	45	1	2	3	55	.58	.027	6	39	.84	209	.15	11	2.25	.03	.43	1	1
4+005 5+00#	1	34	5	75	.1	17	8	800	2.67	4	5	ND	2	48	1	2	2	46	.56	.027	7	38	.49	168	.14	6	1.93	.04	.24	1	1
4+005 4+50#	1	27	6	84	.1	17	8	718	2.62	6	5	ND	1	34	1	2	2	42	.37	.041	5	31	.52	173	.14	12	2.53	.04	.15	1	1
4+505 8+25#	1	21	5	51	.1	13	7	432	2.44	5	5	ND	1	40	1	2	2	41	.43	.032	4	32	.46	103	.11	12	1.54	.04	.23	1	1
4+505 3+05#	1	22	7	97	.3	14	6	471	2.26	8	5	ND	1	38	1	2	3	36	.40	.085	4	23	.38	117	.09	13	1.93	.04	.16	1	1
STD C/AU-5	19	57	40	132	7.3	57	29	1059	4.16	41	18	8	37	47	18	18	19	55	.47	.088	38	56	.88	177	.07	34	1.91	.08	.13	13	48

SOOKOCHOFF PROJECT-STEEL CUPBEARD FILE # 68-0336

SAMPLE	NO	CU	PB	ZN	AG	NI	CO	MO	FE	AS	U	RU	TH	SR	CO	SO	SI	V	CA	P	LA	CR	MG	BA	TI	B	AL	MA	K	N	PBI	PF3
4-505 7-75H	1	42	21	97	.6	16	8	579	2.71	10	5	NO	2	43	1	2	2	48	.44	.024	7	34	.52	122	.12	2	1.25	.03	.27	1	41	
4-505 7-50W	1	31	19	118	.5	15	8	546	2.61	14	5	NO	1	33	1	2	6	47	.30	.023	4	33	.55	136	.12	7	2.00	.03	.19	1	39	
4-505 7-25W	1	95	26	229	1.4	20	12	1060	3.16	84	5	NO	1	71	2	2	2	48	.90	.045	5	36	.69	204	.09	7	1.85	.03	.39	1	86	

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SOOKOCHOFF PROJECT-STEEL CUPBEARD FILE # 88-0336

SAMPLE	NO	CO	PN	ZI	AG	NI	CO	NI	FE	AS	U	MO	TI	SI	CO	SO	DI	V	CA	P	LA	CR	MG	BA	TI	S	AL	MA	I	N	AUR
4-005 1-008	1	8	2	4	.1	2	1	87	.48	2	5	10	1	3	1	2	3	4	.21	.003	2	3	.19	9	.01	3	.10	.02	.02	1	1

1 1

APPENDIX II

TABLE I - Rock Specimen description and assays

Table I
CIG 100 Claim
Nicola Mining Division

ROCK SPECIMENS - collected by J. Paxton, P.Eng.

Sample Description Sheet
July 1987

<u>SPECIMEN</u>	<u>LOCATION</u>	<u>REMARKS</u>	<u>AU/PPB</u>
A		Near V. Kuran sample location 47766 Rock type 2.	7
B		" " " "	2
C	Trench V	" " " "	9
D	"	" " " "	2
E	"	" " " "	3
F	Trench IV	Quartz vein @ 330/90 deg. up to 4 cm wide	1
G	3+85S, 7+68W	Boulder of brown stained qtz. above soil anomaly	16850
H	"	" " " "	2600
J1,J2	3+90S, 7+75W	Andes. bou. with qtz. veins	139120;4
K	4+20S, 7+80W	Qtz. vein in outcrop. Trace of pyrite	4
L	"	" " " "	1
M	"	Qtz. vein. Trace chal., pyrite	3
N	Trench I	Quartz	1
O	"	Quartz	32
P	Trench II	Lt. qtz. in wall rock	2
Q	"	Quartz, lt. sulphides	1650
R	Trench III	Hornblende-andes. pale green	39
S	"	Qtz. cal. no altn.	8
T	"	" ; lt. cpy; "	9
U	"	Quartz calcite	7
V	"	Qtz. cal. in andes.	1
W	"	Carbonate alt. in andesite	3
X	5+00N, 4+35W	Carbonate alteration	8
Y	Trench VI	V. Kuran Rock typ. I?	2
<u>Sept. 1987</u>			
F9022	3+85S, 7+68W	Same as G 505.8ppm Ag	23800ppb Au
F9023	"	less py. 446.1ppm Ag	6200ppb Au

APPENDIX III
VLF-EM Raw Data

APPENDIX III
VLF-EM Raw Data

750 S	725 W	10
750 S	750 W	6
750 S	775 W	4
750 S	800 W	2
750 S	825 W	4
750 S	850 W	0
750 S	875 W	4
750 S	900 W	8
750 S	925 W	4
750 S	950 W	6
750 S	975 W	6
750 S	1000 W	8
750 S	1025 W	6
750 S	1050 W	12
750 S	1075 W	8
750 S	1100 W	10
750 S	1125 W	14
750 S	1150 W	19
750 S	1175 W	8
750 S	1200 W	-6
750 S	1225 W	-2
750 S	1250 W	4
750 S	1275 W	8
750 S	1300 W	12
750 S	1325 W	8
700 S	1325 W	-18
700 S	1300 W	8
700 S	1275 W	4
700 S	1250 W	4
700 S	1225 W	10
700 S	1200 W	6
700 S	1175 W	2
700 S	1150 W	10
700 S	1125 W	16
700 S	1100 W	12
700 S	1075 W	14
700 S	1050 W	14
700 S	1025 W	2
700 S	1000 W	-2
700 S	975 W	-2
700 S	950 W	4
700 S	925 W	-2
700 S	900 W	-2
700 S	875 W	0
700 S	850 W	6
700 S	825 W	6
700 S	800 W	4
700 S	775 W	4
700 S	750 W	0

700 S	725 W	-6
700 S	700 W	-2
650 S	700 W	-4
650 S	725 W	4
650 S	750 W	8
650 S	775 W	6
650 S	800 W	10
650 S	825 W	6
650 S	850 W	0
650 S	875 W	-2
650 S	900 W	6
650 S	925 W	4
650 S	950 W	8
650 S	975 W	8
650 S	1000 W	8
650 S	1025 W	10
650 S	1050 W	10
650 S	1075 W	16
650 S	1100 W	14
650 S	1125 W	8
650 S	1150 W	10
650 S	1175 W	12
650 S	1200 W	8
650 S	1225 W	4
650 S	1250 W	-2
650 S	1275 W	-10
650 S	1300 W	-4
650 S	1325 W	2
600 S	1325 W	-8
600 S	1300 W	-8
600 S	1275 W	-4
600 S	1250 W	4
600 S	1225 W	10
600 S	1200 W	12
600 S	1175 W	8
600 S	1150 W	8
600 S	1125 W	6
600 S	1100 W	6
600 S	1075 W	4
600 S	1050 W	6
600 S	1025 W	10
600 S	1000 W	8
600 S	975 W	10
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600 S	900 W	4
600 S	875 W	4
600 S	850 W	6
600 S	825 W	6
600 S	800 W	10
600 S	775 W	10
600 S	750 W	12
600 S	700 W	2
550 S	700 W	8
550 S	725 W	6
550 S	750 W	12

550 S	775 W	2
550 S	800 W	-2
550 S	825 W	-2
550 S	850 W	-4
550 S	875 W	-4
550 S	900 W	6
550 S	925 W	8
550 S	950 W	4
550 S	975 W	-6
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550 S	1075 W	-2
550 S	1100 W	4
550 S	1125 W	6
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550 S	1175 W	4
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550 S	1225 W	2
550 S	1250 W	2
550 S	1275 W	-4
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500 S	1300 W	2
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500 S	1250 W	-4
500 S	1225 W	-2
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500 S	900 W	10
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500 S	700 W	-2
450 S	700 W	4
450 S	725 W	-4
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450 S	775 W	-2
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450 S	825 W	6
450 S	850 W	14

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450 S	925 W	-4
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450 S	1050 W	2
450 S	1100 W	-2
450 S	1125 W	-2
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450 S	1325 W	6
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400 S	1300 W	8
400 S	1275 W	4
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150 S	1175 W	8

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0 S	1125 W	-4		
0 S	1100 W	-4		
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0 S	1150 W	0		
0 S	1125 W	-4		
0 S	1100 W	-4		
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100 N	775 W	-4
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150 N	775 W	-10
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150 N	825 W	4
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150 N	1100 W	6
150 N	1125 W	4

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150 N	1325 W	14
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200 N	1150 W	10
200 N	1125 W	8
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200 N	925 W	-4
200 N	900 W	-2
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400 N	625 W	-2
400 N	600 W	-4
400 N	575 W	-2
400 N	550 W	-4
400 N	525 W	2
400 N	500 W	-2
400 N	475 W	-12
400 N	450 W	-2
400 N	425 W	-8
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400 N	350 W	2
400 N	325 W	0
400 N	300 W	10
400 N	275 W	8
400 N	250 W	6
400 N	225 W	4
400 N	200 W	-2
400 N	175 W	4

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450 N	150 W	-2
450 N	175 W	-8
450 N	200 W	-4
450 N	225 W	6
450 N	250 W	8
450 N	275 W	6
450 N	300 W	8
450 N	325 W	2
450 N	350 W	-2
450 N	400 W	-2
450 N	425 W	-4
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450 N	475 W	-10
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450 N	525 W	-4
450 N	550 W	-4
450 N	575 W	-6
450 N	600 W	-2
450 N	625 W	-6
450 N	650 W	4
450 N	675 W	2
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500 N	675 W	-4
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500 N	625 W	-4
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500 N	575 W	6
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500 N	525 W	8
500 N	500 W	-8
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500 N	450 W	-4
500 N	425 W	-6
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500 N	375 W	-4
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550 N	225 W	8
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550 N	275 W	-2
550 N	300 W	-2
550 N	325 W	-4
550 N	350 W	4
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550 N	425 W	-6
550 N	450 W	-4
550 N	475 W	-4
550 N	500 W	4
550 N	525 W	-2
550 N	550 W	0
550 N	575 W	-4
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550 N	625 W	-6
550 N	650 W	-2
550 N	675 W	-4
550 N	700 W	-8
600 N	700 W	-6
600 N	675 W	-8
600 N	650 W	-2
600 N	625 W	4
600 N	600 W	-2
600 N	575 W	-2
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600 N	500 W	6
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600 N	175 W	6
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650 N	325 W	-2
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650 N	525 W	8
650 N	550 W	2
650 N	575 W	4
650 N	600 W	6
650 N	625 W	-2

650 N	650 W	-4
650 N	675 W	-2
650 N	700 W	6
700 N	700 W	14
700 N	675 W	8
700 N	650 W	12
700 N	625 W	6
700 N	600 W	-2
700 N	575 W	2
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700 N	525 W	10
700 N	500 W	0
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700 N	450 W	-2
700 N	425 W	2
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700 N	300 W	-4
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700 N	175 W	-2
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700 S	75 W	0
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700 S	125 W	0
700 S	150 W	-4
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700 S	200 W	0
700 S	225 W	0
700 S	250 W	0
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700 S	675 W	4
700 S	700 W	0
600 S	700 W	4

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600 S	600 W	4
600 S	575 W	4
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600 S	525 W	4
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650 S	525 W	2
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650 S	575 W	2
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650 S	625 W	4
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650 S	675 W	0

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550 S	675 W	5
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550 S	625 W	2
550 S	600 W	2
550 S	575 W	2
550 S	550 W	4
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550 S	250 W	-2
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550 S	200 W	0
550 S	175 W	0
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500 S	225 W	0
500 S	200 W	-4
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450 S	475 W	-2
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450 S	625 W	4
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450 S	675 W	0
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300 S	525 W	4
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200 S	225 W	6
200 S	200 W	6
200 S	175 W	10
200 S	150 W	6
200 S	125 W	4
200 S	100 W	4

350 S	75 W	0
350 S	50 W	2
350 S	25 W	4
350 S	0 W	2
300 S	0 W	2
300 S	25 W	2
300 S	50 W	4
300 S	75 W	6
300 S	100 W	0
300 S	125 W	0
300 S	150 W	0
300 S	175 W	0
300 S	200 W	-6
300 S	225 W	0
300 S	250 W	-4
300 S	275 W	-4
300 S	300 W	-4
300 S	325 W	0
300 S	350 W	2
300 S	375 W	2
300 S	400 W	0
300 S	425 W	0
300 S	450 W	2
300 S	475 W	0
300 S	500 W	0
300 S	525 W	4
300 S	550 W	2
300 S	575 W	0
300 S	600 W	0
300 S	625 W	4
300 S	650 W	8
300 S	675 W	8
300 S	700 W	0
200 S	700 W	0
200 S	675 W	0
200 S	650 W	0
200 S	625 W	-4
200 S	600 W	0
200 S	575 W	0
200 S	550 W	0
200 S	525 W	-4
200 S	500 W	-4
200 S	475 W	2
200 S	450 W	0
200 S	425 W	0
200 S	400 W	-2
200 S	375 W	-2
200 S	300 W	4
200 S	275 W	0
200 S	250 W	2
200 S	225 W	6
200 S	200 W	6
200 S	175 W	10
200 S	150 W	6
200 S	125 W	4
200 S	100 W	4

200 S	75 W	-6
200 S	50 W	-10
200 S	25 W	0
200 S	0 W	0

APPENDIX IV
Magnetometer Raw Data

700 N	300 W	57252
700 N	275 W	57268
700 N	250 W	57280
700 N	225 W	57253
700 N	200 W	57265
700 N	175 W	57308
700 N	150 W	57342

750 S	725 W	57531
750 S	750 W	56993
750 S	775 W	57360
750 S	800 W	57368
750 S	825 W	57379
750 S	850 W	57324
750 S	875 W	57618
750 S	900 W	57684
750 S	925 W	57837
750 S	950 W	56963
750 S	975 W	57319
750 S	1000 W	57512
750 S	1025 W	57394
750 S	1050 W	57333
750 S	1075 W	57291
750 S	1100 W	57285
750 S	1125 W	57292
750 S	1150 W	57446
750 S	1175 W	57282
750 S	1200 W	57410
750 S	1225 W	57307
750 S	1250 W	57346
750 S	1275 W	57403
750 S	1300 W	67463
750 S	1325 W	57127
700 S	1325 W	57466
700 S	1300 W	57172
700 S	1275 W	57303
700 S	1250 W	57371
700 S	1225 W	57239
700 S	1200 W	57472
700 S	1175 W	57361
700 S	1150 W	57227
700 S	1125 W	57041
700 S	1100 W	57590
700 S	1075 W	57085
700 S	1050 W	57486
700 S	1025 W	57482
700 S	1000 W	57429
700 S	975 W	57824
700 S	950 W	57550
700 S	925 W	57413
700 S	900 W	57662
700 S	875 W	57434
700 S	850 W	57351
700 S	825 W	57208
700 S	800 W	57448
700 S	775 W	57306
700 S	750 W	57028
700 S	725 W	57273
700 S	700 W	57532
650 S	700 W	57148
650 S	725 W	57378
650 S	750 W	57237
650 S	775 W	57234
650 S	800 W	57210

650 S	825 W	57131
650 S	850 W	57155
650 S	875 W	57264
650 S	900 W	57231
650 S	925 W	57279
650 S	950 W	57253
650 S	975 W	57408
650 S	1000 W	57557
650 S	1025 W	57336
650 S	1050 W	57222
650 S	1075 W	57359
650 S	1100 W	57002
650 S	1125 W	57353
650 S	1150 W	57148
650 S	1175 W	57253
650 S	1200 W	57322
650 S	1225 W	57223
650 S	1250 W	57164
650 S	1275 W	57359
650 S	1300 W	57323
650 S	1325 W	57404
600 S	1325 W	57301
600 S	1300 W	57226
600 S	1275 W	57039
600 S	1250 W	57451
600 S	1225 W	57040
600 S	1200 W	57049
600 S	1175 W	57294
600 S	1150 W	57245
600 S	1125 W	57375
600 S	1100 W	56917
600 S	1075 W	57263
600 S	1050 W	57394
600 S	1025 W	57468
600 S	1000 W	57579
600 S	975 W	57546
600 S	950 W	57343
600 S	925 W	57220
600 S	900 W	57296
600 S	875 W	57128
600 S	850 W	57224
600 S	825 W	57221
600 S	800 W	57325
600 S	775 W	57261
600 S	750 W	57302
600 S	700 W	57212
550 S	700 W	57294
550 S	725 W	57256
550 S	750 W	57224
550 S	775 W	57280
550 S	800 W	57235
550 S	825 W	57270
550 S	850 W	57288
550 S	875 W	57408
550 S	900 W	57623
550 S	925 W	57370

550 S	950 W	56971
550 S	975 W	57222
550 S	1000 W	57265
550 S	1025 W	57437
550 S	1050 W	57285
550 S	1075 W	57221
550 S	1100 W	57300
550 S	1125 W	57282
550 S	1150 W	57619
550 S	1175 W	57247
550 S	1200 W	57394
550 S	1225 W	57508
550 S	1250 W	57551
550 S	1275 W	57258
550 S	1300 W	57372
550 S	1325 W	57270
500 S	1325 W	57394
500 S	1300 W	57357
500 S	1275 W	57808
500 S	1250 W	57524
500 S	1225 W	57333
500 S	1200 W	57021
500 S	1175 W	57240
500 S	1150 W	57083
500 S	1125 W	56985
500 S	1100 W	57438
500 S	1075 W	57445
500 S	1050 W	57161
500 S	1025 W	57561
500 S	1000 W	57446
500 S	975 W	57460
500 S	950 W	57239
500 S	925 W	57600
500 S	900 W	57364
500 S	875 W	57360
500 S	850 W	56904
500 S	825 W	57514
500 S	800 W	56900
500 S	775 W	57226
500 S	750 W	57357
500 S	725 W	57240
500 S	700 W	57315
450 S	700 W	57110
450 S	725 W	57269
450 S	750 W	57115
450 S	775 W	57327
450 S	800 W	57003
450 S	825 W	57346
450 S	850 W	57238
450 S	875 W	57368
450 S	900 W	56963
450 S	925 W	57038
450 S	950 W	57118
450 S	975 W	57396
450 S	1000 W	57197
450 S	1025 W	57352

450 S	1050 W	57173
450 S	1075 W	57367
450 S	1100 W	57456
450 S	1125 W	57420
450 S	1150 W	57629
450 S	1175 W	57309
450 S	1200 W	57278
450 S	1225 W	57115
450 S	1250 W	56944
450 S	1275 W	57259
450 S	1300 W	57344
450 S	1325 W	57225
400 S	1325 W	57145
400 S	1300 W	57264
400 S	1275 W	56991
400 S	1250 W	57343
400 S	1225 W	57465
400 S	1200 W	57320
400 S	1175 W	57463
400 S	1150 W	57542
400 S	1125 W	57645
400 S	1100 W	57665
400 S	1075 W	56972
400 S	1050 W	56857
400 S	1025 W	57506
400 S	1000 W	57403
400 S	975 W	57379
400 S	950 W	57273
400 S	925 W	57409
400 S	900 W	57273
400 S	875 W	57212
400 S	850 W	57349
400 S	825 W	57391
400 S	800 W	57284
400 S	775 W	57236
400 S	750 W	56875
400 S	725 W	57393
400 S	700 W	57162
350 S	700 W	57118
350 S	725 W	57204
350 S	750 W	57318
350 S	775 W	57354
350 S	800 W	57132
350 S	825 W	57426
350 S	850 W	57280
350 S	875 W	57053
350 S	900 W	57353
350 S	925 W	57191
350 S	950 W	57825
350 S	975 W	57570
350 S	1000 W	57605
350 S	1025 W	57024
350 S	1050 W	57457
350 S	1075 W	57036
350 S	1100 W	57474
350 S	1125 W	56893

350 S	1150 W	57381
350 S	1175 W	57922
350 S	1200 W	57624
350 S	1225 W	57398
350 S	1250 W	57687
350 S	1275 W	57769
350 S	1300 W	57548
350 S	1325 W	57443
300 S	1325 W	57185
300 S	1300 W	57290
300 S	1275 W	57446
300 S	1250 W	57034
300 S	1225 W	57359
300 S	1200 W	57474
300 S	1175 W	57102
300 S	1150 W	57484
300 S	1125 W	57313
300 S	1100 W	57320
300 S	1075 W	57763
300 S	1050 W	57081
300 S	1025 W	57279
300 S	1000 W	57191
300 S	975 W	57484
300 S	950 W	57178
300 S	925 W	57218
300 S	900 W	57231
300 S	875 W	57328
300 S	850 W	57333
300 S	825 W	57127
300 S	800 W	57237
300 S	775 W	57362
300 S	750 W	57238
300 S	725 W	56980
300 S	700 W	57236
250 S	700 W	57415
250 S	725 W	56945
250 S	750 W	57278
250 S	775 W	57595
250 S	800 W	57074
250 S	825 W	57556
250 S	850 W	57548
250 S	875 W	57143
250 S	900 W	57684
250 S	925 W	57464
250 S	950 W	57127
250 S	975 W	57346
250 S	1000 W	58071
250 S	1025 W	57463
250 S	1050 W	57092
250 S	1075 W	57187
250 S	1100 W	57539
250 S	1125 W	57549
250 S	1150 W	57105
250 S	1175 W	56788
250 S	1200 W	57090
250 S	1225 W	57274

250 S	1250 W	56978
250 S	1275 W	57264
250 S	1300 W	57466
250 S	1325 W	57153
200 S	1325 W	57531
200 S	1300 W	57450
200 S	1275 W	57427
200 S	1250 W	57048
200 S	1225 W	57685
200 S	1200 W	57614
200 S	1175 W	57509
200 S	1150 W	57211
200 S	1125 W	57230
200 S	1100 W	57319
200 S	1075 W	56866
200 S	1050 W	57314
200 S	1025 W	57063
200 S	1000 W	57045
200 S	975 W	57520
200 S	950 W	57323
200 S	925 W	57212
200 S	900 W	58171
200 S	875 W	57220
200 S	850 W	57770
200 S	825 W	56905
200 S	800 W	58004
200 S	775 W	57461
200 S	750 W	57756
200 S	725 W	57184
200 S	700 W	57338
150 S	700 W	57369
150 S	725 W	57446
150 S	750 W	57246
150 S	775 W	57213
150 S	800 W	57198
150 S	825 W	57185
150 S	850 W	56986
150 S	875 W	57519
150 S	900 W	57524
150 S	925 W	57546
150 S	950 W	57188
150 S	975 W	57664
150 S	1000 W	57301
150 S	1025 W	57279
150 S	1050 W	57334
150 S	1075 W	57165
150 S	1100 W	57803
150 S	1125 W	57516
150 S	1150 W	57510
150 S	1175 W	57165
150 S	1200 W	57270
150 S	1225 W	57123
150 S	1250 W	57152
150 S	1275 W	57265
150 S	1300 W	57395
150 S	1325 W	57418

100 S	1325 W	57365
100 S	1300 W	57013
100 S	1275 W	57131
100 S	1250 W	57183
100 S	1225 W	57134
100 S	1200 W	57169
100 S	1175 W	57229
100 S	1150 W	57171
100 S	1125 W	57303
100 S	1100 W	57385
100 S	1075 W	57271
100 S	1050 W	57243
100 S	1025 W	57206
100 S	1000 W	57301
100 S	975 W	57343
100 S	950 W	57457
100 S	925 W	57497
100 S	900 W	57115
100 S	875 W	57400
100 S	850 W	57317
100 S	825 W	57321
100 S	800 W	56985
100 S	775 W	57108
100 S	750 W	57490
100 S	725 W	57348
100 S	700 W	57246
50 S	700 W	57284
50 S	725 W	57083
50 S	750 W	57180
50 S	775 W	57041
50 S	800 W	57252
50 S	825 W	57201
50 S	850 W	56832
50 S	875 W	56984
50 S	900 W	57236
50 S	925 W	57207
50 S	950 W	57073
50 S	975 W	57150
50 S	1000 W	57144
50 S	1025 W	57479
50 S	1050 W	57331
50 S	1075 W	56964
50 S	1100 W	57308
50 S	1125 W	57348
50 S	1150 W	57066
50 S	1175 W	57079
50 S	1200 W	57006
50 S	1225 W	57318
50 S	1250 W	57252
50 S	1275 W	57279
50 S	1300 W	57317
50 S	1325 W	57293
0 S	1325 W	57218
0 S	1300 W	57396
0 S	1275 W	57326
0 S	1250 W	57010

0 S	1225 W	57361
0 S	1200 W	57235
0 S	1175 W	57240
0 S	1150 W	57142
0 S	1125 W	57291
0 S	1100 W	57123
0 S	1075 W	57262
0 S	1050 W	57188
0 S	1025 W	57125
0 S	1000 W	57034
0 S	975 W	57141
0 S	950 W	57168
0 S	925 W	57179
0 S	900 W	57243
0 S	875 W	57269
0 S	850 W	57176
0 S	825 W	57510
0 S	800 W	57196
0 S	775 W	57278
0 S	750 W	57221
0 S	725 W	57377
0 S	700 W	57289
50 N	700 W	57386
50 N	725 W	57250
50 N	750 W	57146
50 N	775 W	57026
50 N	800 W	57346
50 N	825 W	57235
50 N	850 W	57105
50 N	875 W	57239
50 N	900 W	57153
50 N	925 W	57384
50 N	950 W	57306
50 N	975 W	57367
50 N	1000 W	57321
50 N	1025 W	57373
50 N	1050 W	57253
50 N	1075 W	57226
50 N	1100 W	57234
50 N	1125 W	57058
50 N	1150 W	57203
50 N	1175 W	57230
50 N	1200 W	57253
50 N	1225 W	57308
50 N	1250 W	57182
50 N	1275 W	57106
50 N	1300 W	57393
50 N	1325 W	57313
100 N	1325 W	57628
100 N	1300 W	57815
100 N	1275 W	57475
100 N	1250 W	57049
100 N	1225 W	57427
100 N	1200 W	57250
100 N	1175 W	57170
100 N	1150 W	57362

100 N	1125 W	57095
100 N	1100 W	57198
100 N	1075 W	57501
100 N	1050 W	57183
100 N	1025 W	57348
100 N	1000 W	57287
100 N	975 W	57176
100 N	950 W	57011
100 N	925 W	57334
100 N	900 W	57056
100 N	875 W	57132
100 N	850 W	57399
100 N	825 W	57396
100 N	800 W	57131
100 N	775 W	57191
100 N	750 W	57402
100 N	725 W	57662
100 N	700 W	57311
150 N	700 W	57359
150 N	725 W	57208
150 N	750 W	57106
150 N	775 W	57116
150 N	800 W	57450
150 N	825 W	57198
150 N	850 W	56933
150 N	875 W	57153
150 N	900 W	57026
150 N	925 W	57362
150 N	950 W	57414
150 N	975 W	57444
150 N	1000 W	57359
150 N	1025 W	57152
150 N	1050 W	57101
150 N	1075 W	57310
150 N	1100 W	57416
150 N	1125 W	57328
150 N	1150 W	57176
150 N	1175 W	57173
150 N	1200 W	57246
150 N	1225 W	57076
150 N	1250 W	57040
150 N	1275 W	57430
150 N	1300 W	57065
150 N	1325 W	57156
200 N	1325 W	56999
200 N	1300 W	57408
200 N	1275 W	57232
200 N	1250 W	57473
200 N	1225 W	57529
200 N	1200 W	57341
200 N	1175 W	57337
200 N	1150 W	57125
200 N	1125 W	57359
200 N	1100 W	57226
200 N	1075 W	56995
200 N	1050 W	57008

200 N	1025 W	57522
200 N	1000 W	57323
200 N	975 W	56966
200 N	950 W	56962
200 N	925 W	57151
200 N	900 W	57194
200 N	875 W	57280
200 N	850 W	57256
200 N	825 W	57360
200 N	800 W	57283
200 N	775 W	57440
200 N	750 W	57290
200 N	725 W	56727
200 N	700 W	57406
400 N	700 W	57294
400 N	675 W	57299
400 N	650 W	57296
400 N	625 W	57287
400 N	600 W	57281
400 N	575 W	57272
400 N	550 W	57303
400 N	525 W	57247
400 N	500 W	57318
400 N	475 W	57313
400 N	450 W	57283
400 N	425 W	57328
400 N	400 W	57271
400 N	375 W	57363
400 N	350 W	57315
400 N	325 W	57420
400 N	300 W	57291
400 N	275 W	57309
400 N	250 W	57309
400 N	225 W	57281
400 N	200 W	57325
400 N	175 W	57290
400 N	150 W	57358
450 N	150 W	57316
450 N	175 W	57436
450 N	200 W	57289
450 N	225 W	57274
450 N	250 W	57364
450 N	275 W	59431
450 N	300 W	57320
450 N	325 W	57338
450 N	350 W	57270
450 N	375 W	57245
450 N	400 W	57353
450 N	425 W	57297
450 N	450 W	57313
450 N	475 W	57254
450 N	500 W	57311
450 N	525 W	57271
450 N	550 W	57246
450 N	575 W	57241
450 N	600 W	57234

450 N	625 W	57240
450 N	650 W	57314
450 N	675 W	57287
450 N	700 W	57767
500 N	700 W	27277
500 N	675 W	27250
500 N	650 W	57254
500 N	625 W	57256
500 N	600 W	57235
500 N	575 W	57239
500 N	550 W	57295
500 N	525 W	57314
500 N	500 W	57310
500 N	475 W	57291
500 N	450 W	57241
500 N	425 W	57256
500 N	400 W	57277
500 N	375 W	57278
500 N	350 W	57281
500 N	325 W	57264
500 N	300 W	57306
500 N	275 W	57278
500 N	250 W	57321
500 N	225 W	57455
500 N	200 W	57185
500 N	175 W	57229
550 N	150 W	57315
550 N	150 W	57359
550 N	175 W	57378
550 N	200 W	57233
550 N	225 W	57218
550 N	250 W	57226
550 N	275 W	57133
550 N	300 W	57286
550 N	325 W	57257
550 N	350 W	57297
550 N	375 W	57250
550 N	400 W	57295
550 N	425 W	57241
550 N	450 W	57255
550 N	475 W	57343
550 N	500 W	57360
550 N	525 W	57386
550 N	550 W	57246
550 N	575 W	57257
550 N	600 W	57258
550 N	625 W	57264
550 N	650 W	59277
550 N	675 W	57271
550 N	700 W	57272
600 N	700 W	57279
600 N	675 W	57250
600 N	650 W	57273
600 N	625 W	57253
600 N	600 W	57285
600 N	575 W	57274

600 N	550 W	57308
600 N	525 W	57348
600 N	500 W	57372
600 N	475 W	57365
600 N	450 W	57373
600 N	425 W	57277
600 N	400 W	57279
600 N	375 W	57276
600 N	350 W	57280
600 N	325 W	57287
600 N	300 W	57296
600 N	275 W	57294
600 N	250 W	57321
600 N	225 W	57636
600 N	200 W	57335
600 N	175 W	57318
600 N	150 W	57267
650 N	150 W	57308
650 N	175 W	57307
650 N	200 W	57236
650 N	225 W	57252
650 N	250 W	57236
650 N	275 W	57300
650 N	300 W	57302
650 N	325 W	57301
650 N	350 W	57312
650 N	375 W	57258
650 N	400 W	57287
650 N	425 W	57360
650 N	450 W	57384
650 N	475 W	57404
650 N	500 W	57374
650 N	525 W	57318
650 N	550 W	57314
650 N	575 W	57257
650 N	600 W	57293
650 N	625 W	57296
650 N	650 W	57337
650 N	675 W	57331
650 N	700 W	57307
700 N	700 W	57315
700 N	675 W	57303
700 N	650 W	57288
700 N	625 W	57303
700 N	600 W	57246
700 N	575 W	57351
700 N	550 W	57393
700 N	525 W	57375
700 N	500 W	57368
700 N	475 W	57399
700 N	450 W	57398
700 N	425 W	57382
700 N	400 W	57372
700 N	375 W	57373
700 N	350 W	57236
700 N	325 W	57242

APPENDIX IV
Magnetometer Raw Data

O.C.
SpA, B



6+00 N

4+00 N

6+00 W

4+00 W

2+00 W

2+00 N

0+00

2+00 S

4+00 S

6+00 S

12+00 W

10+00 W

8+00 W

GEOLOGICAL BRANCH ASSESSMENT REPORT

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LEGEND

- Rd - ROAD
- ⊙ QVF - QUARTZ VEIN FLOAT
- T - TRENCH
- Sp - SPECIMEN
- o.c. - OUTCROP
- /80 - QUARTZ VEIN
- - SUB ANOMALOUS Au ppb
- - RONKA VLF-EM ANOMALY
- — — - VLF-EM
- //// - MAG HIGH
- XXXX - MAG LOW
- P - PROPOSED DRILL HOLE
- - TEST PIT



NEW HOMBRE RESOURCES LTD.

CIG 100 CLAIM
NICOLA M.D.

COMPILATION MAP

SCALE: 1:2500	DATE: Mar. '88	N.T.S.	DRAWN BY: GMD-COMP	FIGURE: 10
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Sookochoff Consultants Inc.





6+00 N

4+00 N

6+00 W

4+00 W

2+00 W

2+00 N

0+00

2+00 S

4+00 S

12+00 W

10+00 W

8+00 W

LEGEND

- BACKGROUND THRESHOLD VALUE: 8.0 ppb ———
- SUB ANOMALOUS THRESHOLD VALUE: 20.0 ppb ———
- ANOMALOUS THRESHOLD VALUE: 45.0 ppb ———
- TEST PITS (Fig 6) ●

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,489



NEW HOMBRE RESOURCES LTD.

CIG 100 CLAIM
NICOLA M.D.

GOLD GEOCHEMISTRY

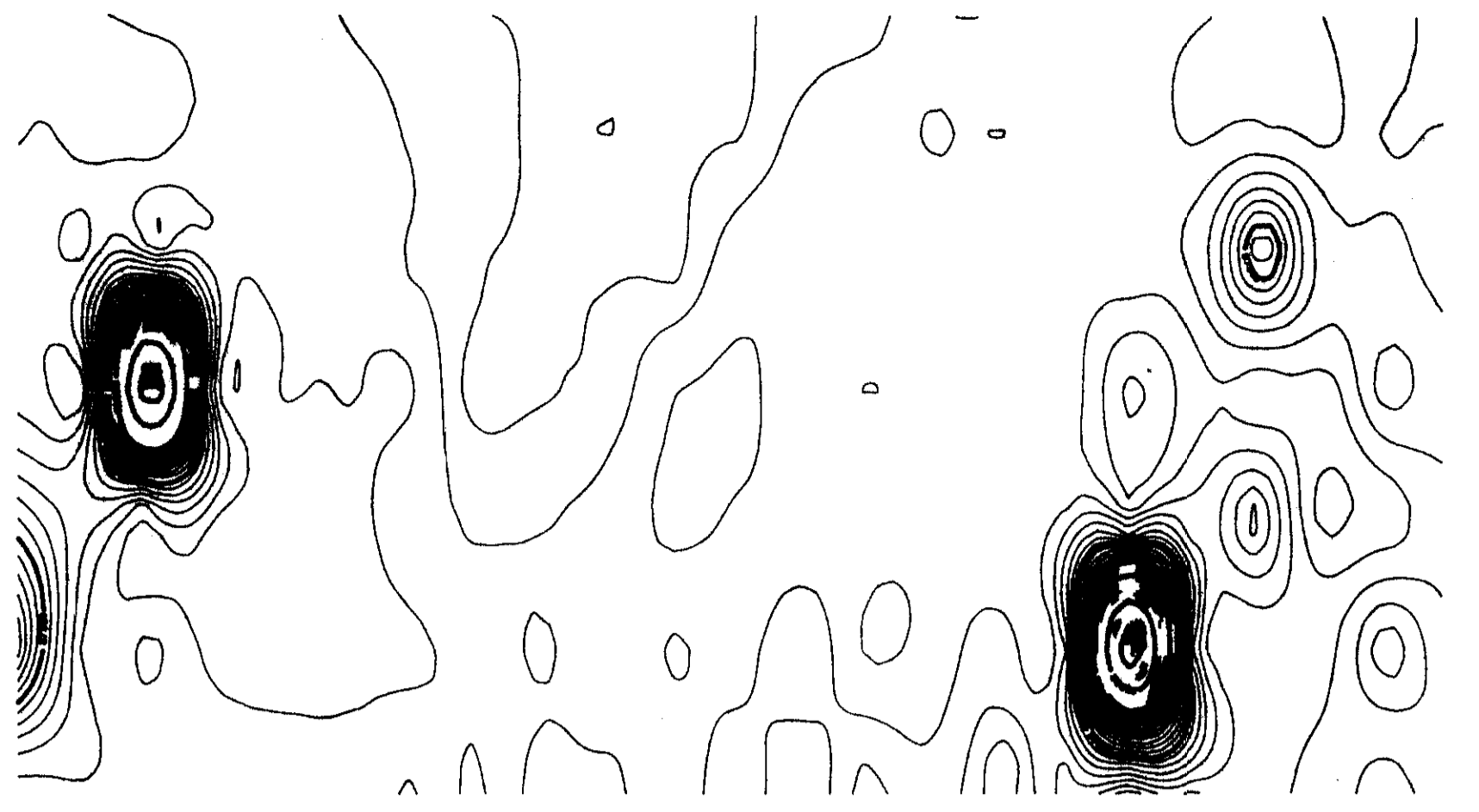
SCALE: 1:2500	DATE: MAR '88	N.T.S. 021/8W	DRAWN BY: GEO-COMP	FIGURE: 9
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Sookochoff Consultants Inc.



6+00 N

4+00 N



6+00 W

4+00 W

2+00 W

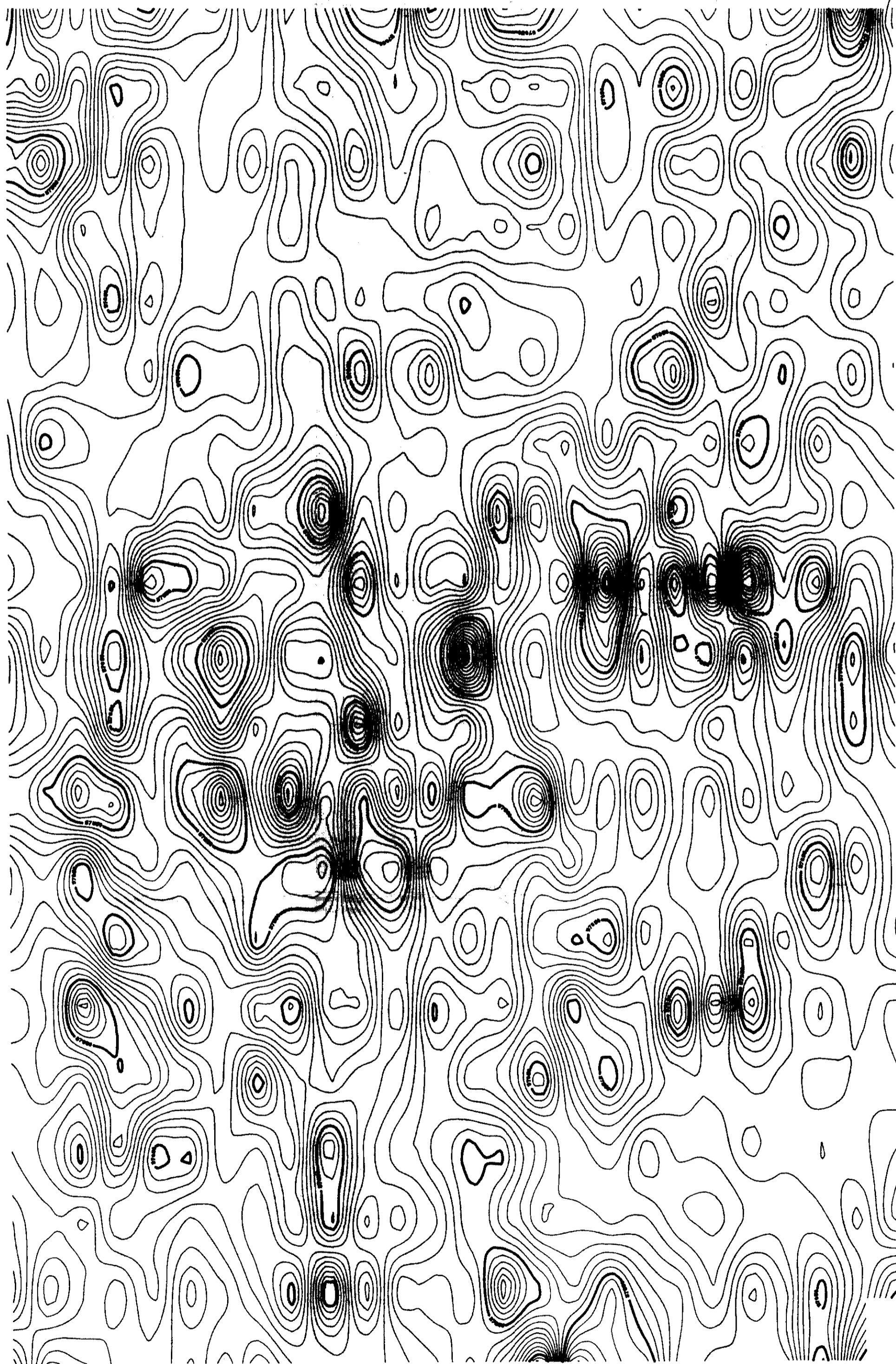
2+00 N

0+00

2+00 S

4+00 S

6+00 S



12+00 W

10+00 W

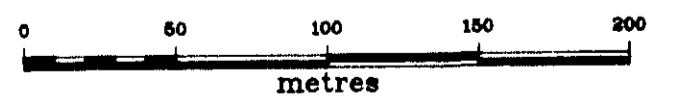
8+00 W

LEGEND

50 GAMMA CONTOUR INTERVAL ———
500 GAMMA CONTOUR INTERVAL ———

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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NEW HOMBRE RESOURCES LTD.				
CIG 100 CLAIM				
NICOLA M.D.				
MAGNETOMETER SURVEY				
SCALE: 1:2500	DATE: MAR '88	N.T.S. 921/8W	DRAWN BY: GEO-COMP	FIGURE 5



6+00 N

4+00 N

6+00 W

4+00 W

2+00 W

2+00 N

0+00

SEATTLE
24.6 Khz

2+00 S

4+00 S

6+00 S

12+00 W

10+00 W

8+00 W

6+00 W

4+00 W

— 0' Contour
— +5' Contour Interval

Note: only positive values have been contoured

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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CIG 100 CLAIM

NICOLA M.D.

VLF-EM SURVEY MAP

FRASER FILTERED DATA

SCALE 1:2500	DATE MAR '88	N.T.S. GEL/WV	DRAWN BY GEO-COMP	FIGURE 8
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