From Harry Bratvold. 25 Mar 86

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Havilah Gold Limited

Report on New and Era Claims

WHITEHORSE MINING DISTRICT

YUKON TERRITORY

March 3, 1986

by

Randy Clarkson P. Eng.

NEW ERA Engineering Corporation

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March 3, 1986

Mr. Larry Bratvold

President
Havilah Gold Mines Limited
4391 Gallant Avenue
North Vancouver B. C.
V7J 1X3

Dear Larry:

Please find enclosed my "Report on the New and Era Claims, Whitehorse Mining District, Yukon Territory."

The report includes a very brief summary of the previous mining history and recent exploration in the area, a review of the geology based on the available literature, and my recommendations for further exploration.

Please attach photocopies of the Bondar Clegg geochemical results for the ERA claims to the rear of the report. My copies are not reproducible.

I am pleased to prepare this report for you. If you have any further question please contact me. Thank you.

Randy Clarkson P. Eng.

President

encl.

HAVILAH GOLD MINES LIMITED
NEW AND ERA CLAIMS

TABLE OF CONTENTS

1 SUMMARY AND RECOMMENDATIONS

1.1 NEW CLAIM GROUP SUMMARY

There is silver-lead-zinc vein mineralization immediately north of the NEW claim group at the old Union Mines' property. Dupont Exploration reported several minor quartz veins and intrusions of rhyolite and discovered several geochemical anomalies but were unable to locate the source in outcrop. A ground magnetometer survey during the 1985 field season displayed minimal magnetic relief, however a sample from a rhyolite dike assayed well in copper-silver values. Skarn deposits could occur at the contact between the quartz monzonite and the Jurassic sediments if limestone is present. A portion of the NEW claim group is underlain by Tantalus Formation sediments and this formation contains coal seams within 3 km of the NEW claims.

This data suggests the high probability of silver-lead-zinc mineralization similar to the Union Mines' deposit on the NEW claim group. The property is also an excellent exploration target for rhyolite and related low sulphide quartz vein mineralization similar to Mt. Skukum deposits. Polymetallic porphyry and skarn deposits and coal seams are also a possibility.

1.2 NEW CLAIM GROUP RECOMMENDATIONS

The NEW claims warrant additional exploration. More detailed geochemical sampling should be conducted in areas indicated as anomalous in Dupont's previous work. The property should be prospected, geologically mapped, and carefully sampled with special reference to rhyolite dikes, and sulphide barren quartz veins. Special note should be taken of additional exploration targets including limestone and intrusive contacts, faulting, and other geologically favorable structures.

Any additional magnetometer surveys are not recommended. Further exploration such as trenching and diamond drilling would be dependant on the results of this program. A cost estimate of the proposed program is as follows:

Geologist; 15 days @ $250/day:	3,750
Assistant; 15 days @ $200/day:	3,000
Helicopter Support; 6 hours @ $560/hour:	3,360
Analytical Work (estimate 400 samples):	6,200
Support Costs (truck, fuel, camp, etc):	2,000
Supervision and Report Preparation:	5,000
Contingencies:	2,000
Total Estimated Cost:	$25,310

1.3 ERA CLAIM GROUP SUMMARY

The ERA claim group is surrounded by several mineralized quartz veins including gold-silver veins in intrusive and schistose host rocks on the Mt. Wheaton, Buffalo Hump, and Tally-Ho claim groups. The contact of the Coast intrusive quartz diorite with intermediate volcanic rocks of the Hutshi Group volcanic rocks, indicated in published geological base maps, is a geologically favorable zone for gold-silver-lead quartz vein mineralization. The volcanic rocks may contain some sediments and may also host suitable geologic environments for gold-silver deposition such as rhyolite, and quartz-carbonate veining.

A ground magnetometer survey recently conducted on the ERA claims appears to indicate a northwesterly trend through the center of the established grid which may be a delineation of the geological contact noted above. It has also indicated a number of spot highs, one near to gossein. One of the magnetic lows corresponds to an anomalous geochemical sample.

The geochemical soil survey located areas with high levels of copper, lead, and silver in the southeastern corner of the claims and high levels of gold and arsenic occur in the northern areas. An anomalous sample at the southern boundary of the claims assayed 100 ppb gold, 5.7 ppm silver, 490 ppm lead, 400 ppm zinc, and 101 ppm copper. It is located directly north of old workings and may be a continuation of the showing. Many spot locations with high levels of gold and silver may be interpreted to have a diagonal northwest trend similar to the magnetic contour map.

1.4 ERA CLAIM GROUP RECOMMENDATIONS

The ERA claim group also warrants further exploration. Detailed geological mapping of the property is recommended. More detailed geochemical sampling should be conducted to define anomalous areas such as 8+00S, 9+00W and to locate the source. Geochemical and magnetic anomalies, should be prospected, geologically mapped, and carefully sampled with special reference to rhyolite dikes, and sulphide barren quartz veins. Special note should be taken of additional exploration targets including intrusive contacts, faulting, and other geologically favorable structures.

The following areas require special attention:

8+00S, 9+00W - Previously noted anomalous geochemical sample and isolated magnetic low area.

Central northwest-southeast diagonal - Area of possible geological contact, numerous spot high geochemical values of gold, silver and arsenic, and a trend in the magnetic contours.

Southwestern corner of the grid - Area of high copper and lead values with a magnetic high and a magnetic low.

Northwestern corner of the grid - High levels of copper and arsenic as well as a magnetic high area.

7+00N, 5+00W - Area of high gold and arsenic, and a magnetic high.

3+00S, 1+00W - Area with high arsenic and gold values, and a magnetic high.

Further exploration such as trenching and diamond drilling would be dependant on the results of this program. A cost estimate of the proposed program is as follows:

Geologist; 20 days @ $250/day:	5,000
Assistant; 20 days @ $200/day:	4,000
Analytical Work (estimate 400 samples):	6,200
Support Costs (truck, fuel, camp, etc):	3,000
Supervision and Report Preparation:	6,000
Contingencies:	2,000
Total Estimated Cost:	$26,200

2 INTRODUCTION

2.1 PURPOSE

NEW ERA Engineering Corporation (NEW ERA) was commissioned by Mr. Larry Bratvold of Havilah Gold Limited (Havilah) to examine the surface geology data, the geochemical survey data, the geophysical data and previous available public and private information of the NEW and ERA claim groups and to make recommendations for continued exploration and evaluation of the property. The NEW and ERA claim groups are located in the Wheaton Valley in the Whitehorse mining district of the Yukon Territory.

2.2 SCOPE

The following work was performed:

1) A one day reconnaissance field trip was completed to the readily accessible ERA claim group with Mr. John Devlin.

2) Library research of the NEW and ERA claim groups and surrounding properties was conducted in Whitehorse, Yukon Territory.

3) The field data and research material was interpreted and recommendations were made.

4) This report was prepared and submitted.

2.3 TERMS OF REFERENCE

The completed scope of work was performed in accordance with discussions between Larry Bratvold of Havilah, and Randy Clarkson of NEW ERA Engineering Corporation.

2.4 RESPONSIBILITIES

John Devlin of Havilah drafted the geophysical and geophysical contour plans.

Randy Clarkson P. Eng., President of NEW ERA Engineering Corporation, interpreted the data and composed this report.

3 PROPERTY DEFINITION

3.1 OWNERSHIP

The NEW and ERA claim groups, comprising of fifty unsurveyed quartz claims, are reportedly owned by Barker Creek Exploration.

The NEW 1-30 claims are recorded as numbers YA82083-YA82112 and are located on the summit and southeastern slopes of Mt. Folle. The ERA 1-20 claims are recorded as numbers YA82063-YA82082 and occupy a small valley between Mt. Wheaton and Mt. Stevens.

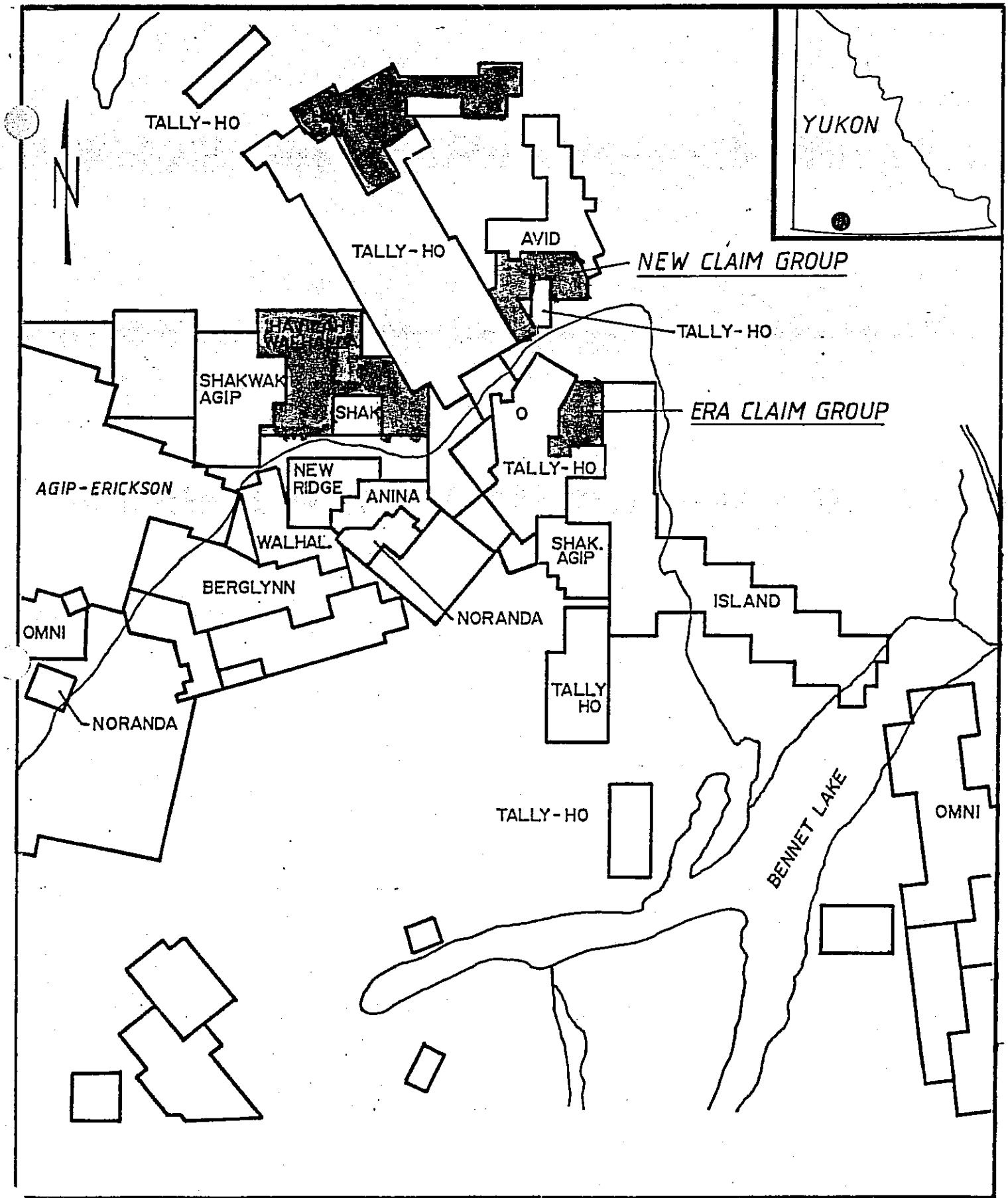
3.2 LOCATION

Mt. Stevens, Mt. Wheaton and Mt. Folle are located in the Wheaton River area in the Whitehorse mining district of the southern Yukon Territory (refer to Figure 1 "NEW and ERA Claims Location"). The two claim groups are situated 48 km south of Whitehorse, and 22 km northwest of Carcross.

3.3 ACCESS

The claim groups are accessible by 33 km of the Klondike highway's paved road southeast from Whitehorse and a further 35 km along the recently improved, all weather Annie Lake gravel road southwest to the Wheaton Valley.

From the Wheaton Valley a four wheel drive road continues for 10 km from Partridge Creek to the valley straddling Mt.Stevens and Mt. Wheaton where the ERA claims are located. Another four wheel drive road paralleling Schnabel Creek provides access to Mt. Folle and the NEW claim group. During spring runoff the Wheaton River can be difficult to ford, the roads are soft, and helicopter access may be required.



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CLAIM GROUP LOCATION PLAN NEW ERA Engineering Corporation

3.4 PHYSIOGRAPHY AND CLIMATE

The Wheaton River area is situated in the Cordilleran physiographic region in a transition zone between the Yukon plateau to the east and the Coast mountains to the west.

The area was a mature plain which experienced uplift followed by renewed, accelerated, stream erosion and finally glaciation in recent geological times. Glaciation carved the deep "V" shaped valleys into wide flat bottomed valleys and planed the valley slopes smooth and steep. The valley bottoms were scoured smooth and many depressions were filled with glacial debris. The comparatively even elevations of the mountain ridges represent the previous plateau elevation.

Glaciation is the one of the most significant recent landforming agents in the Wheaton River area. The recent glacial transport of materials and debris will have a marked effect on soil geochemistry.

The lower slopes of the mountains often consist of glacial soils and are covered with a thick underbrush of willows, alders, and scrub conifers. The higher slopes consist mostly of loose talus with grass, moss and dwarf birch. Most of the bedrock exposures are limited to the steep upper slopes.

The Wheaton River area has a northern interior climate which is moderated by the nearby Pacific Ocean. The winter season is long with occasional low temperatures. At least six months of the year is favorable for surface work and the summer season has very long hours of daylight permitting around the clock exploration.

4 HISTORICAL SUMMARY

The earliest recorded claims in the Wheaton River area were staked by Frank Corwin and Thomas Rickman in 1893, several years before the Klondike Gold Rush. The prospectors returned with several samples of high grade ores, to Juneau, Alaska, to record their claims. Both of them died that winter without revealing the location of their finds.

The Union Mines contained silver-lead veins and were staked in 1903 on Idaho Hill, north of Mt. Folle. These claims had the original location notices of Corwin and Rickman. In 1906 the discovery of gold and gold telluride bearing quartz veins near Corwin and Rickman's old workings, led to a staking rush in which over 700 claims were staked. Exploration and mining activity continued intermittently in the area and limited production arose from some high grade zones between 1900 and 1930. The Tally-Ho Mine, west of the present ERA claims, produced 20,000 tons grading approximately 2.3 oz/ton gold, 5.1 oz/ton silver, and 6.85 percent lead during this period. During 1966 to 1968 Yukon Antimony Ltd. carried out a considerable amount of underground exploration on antimony and silver veins located on an old antimony-silver property.

In 1981 regional geochemical exploration conducted by AGIP Canada Ltd., located fine grained, disseminated gold in low sulphide or sulphide barren, quartz-carbonate veins in the Mt. Skukum area. This unusual gold occurrence led to a resurgence in exploration in the area with an emphasis on a new evaluation of geology and geochemistry. Mt. Skukum Gold Mining Corporation is currently mining and processing gold ore from its Main Cirque Zone. The operation is a joint venture with AGIP and five major zones have been located with the Main Cirque Zone containing a well assured reserve of 151,000 tons at 0.73 oz/ton (25.0 g/tonne) gold and 0.60 ox/ton (20.5 g/tonne) silver.

Several groups including Tally-Ho Exploration Ltd, Shakwak Exploration Co. Ltd., and Euro Petroleum have engaged in exploration including diamond drilling in the area surrounding the ERA and NEW claim groups.

5 BEDROCK GEOLOGY

The Wheaton River district has complex geology due to the great diversity in the characters and ages of the various formations and due to the number of volcanic invasions. The oldest rocks are a series of schists, quartzites, limestones, and gneiss (Mt. Stevens group). Pyroxenites and periodites which are more recent than the Mt. Stevens group occur on the southern part of Tally-Ho mountain.

Later, in Mesozoic times, a considerable thickness of sediments including argillites, shales, sandstones, arkoses, greywackes, conglomerates and breccias were deposited. Following this sequence is a series of "Older Volcanics" including mainly andesites, diabases, basalts, and related volcanics which invaded the rocks of the district. These volcanics are in turn cut by the granitic Coast Range intrusives, a unit with substantial geological impact in the area which appears to be responsible for several mineral deposits along its margin.

The Coast Range intrusives have been cut by a volcanic series of dike rocks including mainly andesites, basalts, and related volcanics ("Newer Volcanics, Chieftan Hill"). Another group of volcanic rocks including mainly rhyolites, granite porphyrys, and related rocks are the most recent consolidated rocks of the area (Wheaton River volcanics). Overlying all of the consolidated rock formations in the area are Pleistocene and Recent accumulations of gravels, sands, clays and volcanic ash some of which were created or distributed by glacial action.

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CLAIM GROUP LOCATION PLAN

ON MAP 52-30A GSC

NEW ERA Engineering Corporation

Scale 0 1 2 Miles RRC

HAVILAH GOLD MINES LIMITED
NEW AND ERA CLAIMS

LEGEND FOR MAP 52-30A

QUARTERNARY

PLEISTOCENE AND RECENT


13 Alluvium, glacial deposits, volcanic ash.

TERTIARY

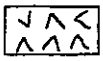

11 Granite porphyry

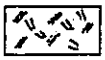

10 Skukum Volcanic Rocks. Basalt, andesite, rhyolite, and trachyte flows, tuffs, and agglomerate.

CRETACEOUS OR LATER


9 Pink granite

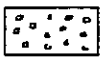
CRETACEOUS


8 Coast Intrusions (8). Granite, quartz monzonite, granodiorite, quartz diorite, and allied rocks

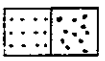

7 Pyroxenite, peridotite, serpentine


6 Hutshi Group. Basalt, andesite, quartz latite, and rhyolite flows, breccias, and tuffs, conglomerate, minor greywacke and argillite.

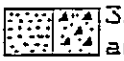
JURASSIC OR CRETACEOUS


5 Tantalus Formation. Conglomerate, sandstone, shale, coal.

JURASSIC


4A Laberge Group. Conglomerate, greywacke, arkose, quartzite, silstone, argillite.
4B mainly conglomerate.

TRIASSIC AND (?) JURASSIC


3A Conglomerate, greuwacke, arkose, siltstone, argillite, and tuffaceous equivalents.
3B Basic lavas and associated pyroclastic rocks

CARBONIFEROUS AND/OR PERMIAN


Taku Group. 2A Mainly chert.
2B Basic lavas and pyroclastic rocks.


Yukon Group 1A Quartz-mica, quartz-chlorite, and mica schists, quartzite, micaceous quartzite, and gneiss. 1B Feldspathic gneiss, gneissic granite.


A Metamorphosed equivalents of the Lewes River and possibly, of the Taku, Laberge, and Hutshi.


B Volcanic Rocks of uncertain age.


C Limestone

6 ECONOMIC GEOLOGY

A great diversity of precious metal occurrences are situated in the Wheaton River area. The veins that were first discovered were situated in a belt trending northwesterly along the contact between older rocks with the Coast Range granitic intrusives. The majority of these veins are steeply inclined and strike to the northwest. The vein fillings consist mainly of quartz with subordinate amounts of calcite. Galena is the most common metalliferous mineral with minor pyrite, and chalcopyrite. Gold and silver are often, but not necessarily, associated with sulphides.

These gold-silver veins are found chiefly in the Coast Range intrusives in fault fissures, but also occur in schistose members of the earliest series. The veins occurring in the granitic rocks are fairly straight and continuous. The veins in the chloritic and sericitic schists occur as more irregular lenses between foliation planes or in irregular fissures.

Several occurrences of gold-silver vein mineralization in granitic rock fissures are found in the Mt. Wheaton, Buffalo Hump, and Tally-Ho claim groups surrounding the ERA claims. Gold-silver veins in schistose rocks occur on Mt. Wheaton, northwest of the ERA claims and on Gold Hill west of the NEW claims.

The Union and Nevada Mines located north of the NEW claims have several small silver-lead, quartz-calcite veins in feldspatic arkoses, greywackes, and tuffs striking mostly to the northwest.

On Mt. Anderson a quartz vein in a granitic rock fissure occurs with a dike of fine grained basalt cutting and paralleling the vein. Antimony and copper mineralization has also been found on Mt. Anderson. On Carbon and Chieftan hills, quartz veins carrying sphalerite, stibnite, jamesonite and barite occur. The Fleming property, also on Carbon Hill, hosts a contact metamorphic deposit in hornblende gneiss near their contact with Coast Range granitic intrusives.

The Mt. Skukum deposit was discovered in 1981 with geochemical exploration and has five zones of gold-silver mineralization occurring in fault controlled quartz-calcite veins in andesites. The gold is very fine grained and is not associated with sulphides.

Exploration activity in the Mt. Skukum area has uncovered examples of rhyolite porphyry with little visible sulphides assaying 0.11 oz/ton in gold.

7 PROPERTY GEOLOGY

7.1 NEW CLAIM GROUP

Reconnaissance scale geological mapping by Dupont Exploration in 1981 and published geologic maps (refer to drawing: "Claim Group Location Plan on Map 52-30A GSC"), indicate that the property is underlain by quartzite, greywackes, and conglomerates of the Lower Jurassic Laberge Group. A northerly trending fault bounded wedge of basalt and volcaniclastic rocks cuts through the center of the claims. The sediments are intruded and locally hornfelsed by granitic and rhyolitic intrusions of mid-Cretaceous and early Tertiary age, and by andesite and rhyolite dikes. Dupont reported that minor quartz veins, which "appear barren", cut the greywackes in certain locations and that minor disseminated pyrite is present in the sedimentary rocks, notably the greywacke.

7.2 ERA CLAIM GROUP

Published geological maps (refer to drawing: "Claim Group Location Plan on Map 52-30A GSC"), indicate the NEW claims are underlain by two intrusive Late Cretaceous granodiorite bodies and Cretaceous intermediate volcanic rocks of the Hutshi Group (possibly with some sediments). The contact between the two groups is obscured by glacial debris but appears to trend to the northwest through the center of the property.

8 RECENT EXPLORATION

8.1 NEW CLAIM GROUP

A lead-zinc-silver anomaly in a stream sediment from a tributary of Schnabel Creek led to the staking of this area by Dupont as the OLLIE property. In 1981 exploration on this ground included sampling and analysis of 169 soil, 4 rock, and 9 stream sediment samples. Soil samples were collected at 100 meter intervals along contour lines. Several geochemical anomalies were reported including values as high as 3.0 ppm silver at the northern most portion of the property and as high as 1500 ppm lead, 326 ppm zinc, and 3.8 ppm silver in the southeastern region of the property. The source of the high values was not found in outcrop. Despite recommendations for continued work, the claims were dropped by Dupont and later restaked for Barker Creek Resources.

In May of 1985, a magnetometer survey was carried out on a newly established grid. The survey did not generate any strong anomalies and generally showed little magnetic relief. A grab sample of malachite stained rhyolite dike collected at grid coordinates 5+00S, 3+25W during the program gave assay values of 0.25% copper, 0.34 oz/ton silver, and less than 0.01 oz/ton gold.

8.2 ERA CLAIM GROUP

In June of 1985 a program of grid establishment, ground magnetometer survey, and geochemical soil sampling program was carried out over the ERA claims. Relatively high magnetic noise levels were encountered due to the steep slopes and predominance of talus in the area. The regional northwesterly trend appears to be indicated in the magnetic contours, especially through the center of the grid (refer to appended drawing: "Reduced Geophysics Contour Plans"). The central diagonal trend may possibly be a delineation of the geological contact indicated in the published regional geology maps. There are several spot highs on the western edge of the grid. Gossein was noted in conjunction with those highs at 5+00S, 17+00 W. Several magnetic low areas are indicated, one of which corresponds with an anomalous geochemical sample.

There were 635 soil samples submitted for analysis of copper, lead, zinc, silver, arsenic, and gold (refer to the appended drawings: "Reduced Geochemistry Contour Plans"). High levels of metals were indicated in several areas including an anomalous sample at the southern boundary located at grid coordinates 9+00W, 9+00S. It assayed 100 ppb gold, 5.7 ppm silver, 490 ppm lead, 400 ppm zinc, 101 ppm copper, and 10 ppm arsenic. An old adit referenced as a gold showing is above and directly to the south of this anomaly. This location is also indicated as a magnetic low in a area with relatively little magnetic relief.

There are high levels of copper, lead, and silver occur in the southeastern corner of the claims and high levels of gold and arsenic occur in the northern areas. Many spot locations with high levels of gold and silver may be interpreted to have a diagonal northwest trend similar to the magnetic contour map.

10 BIBLIOGRAPHY

Archer, Cathro and Associates Ltd., 1972. Northern Cordillera Mineral Inventory (revised 1982).

Bostock, H. S., 1941. Mining Industry of Yukon 1939 and 1940, GSC Memoir 234.

Bostock, H. S., 1957. Yukon Territory, Selected Field Reports of the Geological Survey of Canada 1898 to 1933, (GSC) Memoir 284.

Cairnes, D. D., 1909. Wheaton River District, Southern Yukon, GSC Summary Report 1909.

Cairnes, D. D., 1912. Wheaton District, Yukon Territory, (GSC) Memoir 31.

Christie, R. L., 1957. Geology of Bennett (104M) GSC Preliminary Series Map No 19-1957.

Cockfield, W. E., Bell, A. H., 1922. Whitehorse District Yukon, GSC paper 44-14.

Debicki, R. L., 1983. Yukon Mineral Industry, 1941 to 1959. Department of Indian and Northern Affairs (DIAND).

Devlin, J., 1985. ERA Claims Magnetometer Survey.

Fyles, J. G., 1961. GSC Memoir 312, p 38-49.

Gabrielse, H., et al. 1980. Macmillian River, Yukon-District of Mackenzie-Alaska, Sheet 105, 115. Map 1398A, GSC.

GSC, Summary Reports and Report of Activities, 1906 to 1965.

Grapes, K. J., Morin, J. A., 1983. Yukon Mining and Exploration Overview, 1983, DIAND.

Lambert, M. B. 1974. The Bennett Lake Cauldron Subsidence Complex, British Columbia and Yukon Territory, GSC Bulletin 227.

Macdonald, G. C., 1985. Geophysical Survey NEW 1-30 Claims YA82083 - YA82112, NTS 105-D-6, Whitehorse Mining District, May 1985.

Morin, J. A. 1984. Significant Developments and General Mineral Exploration Highlights - Yukon, 1984, DIAND.

Morin, J. A., Grapes, K. J., Debicki, R. L., 1982. Yukon Mineral Industry 1982 an Overview, p. 4-17 in Yukon Exploration and Geology, 1982, DIAND.

Morrison, G. W., 1979. Metallogenic Map, Whitehorse Map Area, Yukon, 105D, DIAND Open File EGS 1979-6.

Needlands, J. T., 1982. Dupont of Canada Exploration Limited, Geological and Geochemical Report: on the Ollie Property, Whitehorse Mining Division, Yukon Territory.

Smith, M. J., 1982. The Skukum Volcanic Complex, 105D SW: Geology and Comparison to the Bennett Lake Cauldron Complex, p. 68-72 in Yukon Exploration and Geology, 1982, DIAND.

Smith, M. J., 1983. Petrology and Geology of High Level Rhyolite Intrusives of the Skukum area, 105D SW, Yukon Territory, p. 62-73 in Yukon Exploration and Geology, 1983, DIAND, 1983.

Smith, M. J., 1983. Interlayered Sedimentary-Volcanic Sequence Mt. Skukum Volcanic Complex, p. 94-104 in Yukon Exploration and Geology, 1983.

Westervelt, R. D., 1984. A Summary Review Report on the Geology, Drill Indicated Reserves, and Exploration Potential on the Mt. Skukum Au-Ag Project, Wheaton River Area, Yukon.

Wheeler, J. O., 1952. Geology and Mineral Deposits of the Whitehorse Map Area, Yukon Territory, GSC Page 52-30.

Wheeler, J. O., 1961. Whitehorse Map-Area, Yukon Territory, 105D, GSC Memoir 312.

George Cross Newsletter, 1985. Issues: January 4, 1985.

The Northern Miner, 1984. Issues: May 31, June 7, November 1, 1984.

The Whitehorse Star, 1984. Issues: July 9, October 5, 1984.

STATEMENT OF QUALIFICATIONS

I, Randy Robert Clarkson P. Eng., President of NEW ERA Engineering Corporation, located in Whitehorse, Yukon Territory, do hereby certify that:

1 I am a consulting professional engineer.

2 I am a graduate of the University of British Columbia (B. ApSc., Mineral Engineering, 1979).

3 I am a graduate of the British Columbia Institute of Technology (Diploma of Mining Technology, 1974).

4 I am registered as a Professional Engineer with the Association of Professional Engineers of British Columbia and of the Yukon Territory.

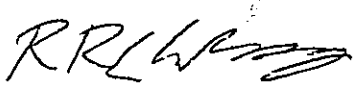
5 I have practiced mining and exploration in British Columbia, Manitoba, and the Yukon Territory since graduation for various companies and commenced private consulting in Whitehorse.

6 I have examined the area of the ERA claims briefly, and have personally researched and reviewed all available private and public information on the NEW and ERA properties to compile this report.

7 I have not received, nor do I expect to receive, any interest in the properties or securities of Havilah Gold Mines Limited or any other affiliated company.

8 I hereby grant my permission for Havilah Gold Mines Limited, to use this report for whatever purposes they deem necessary.

Dated at Whitehorse, Yukon Territory, on this 3rd day of March, 1986.

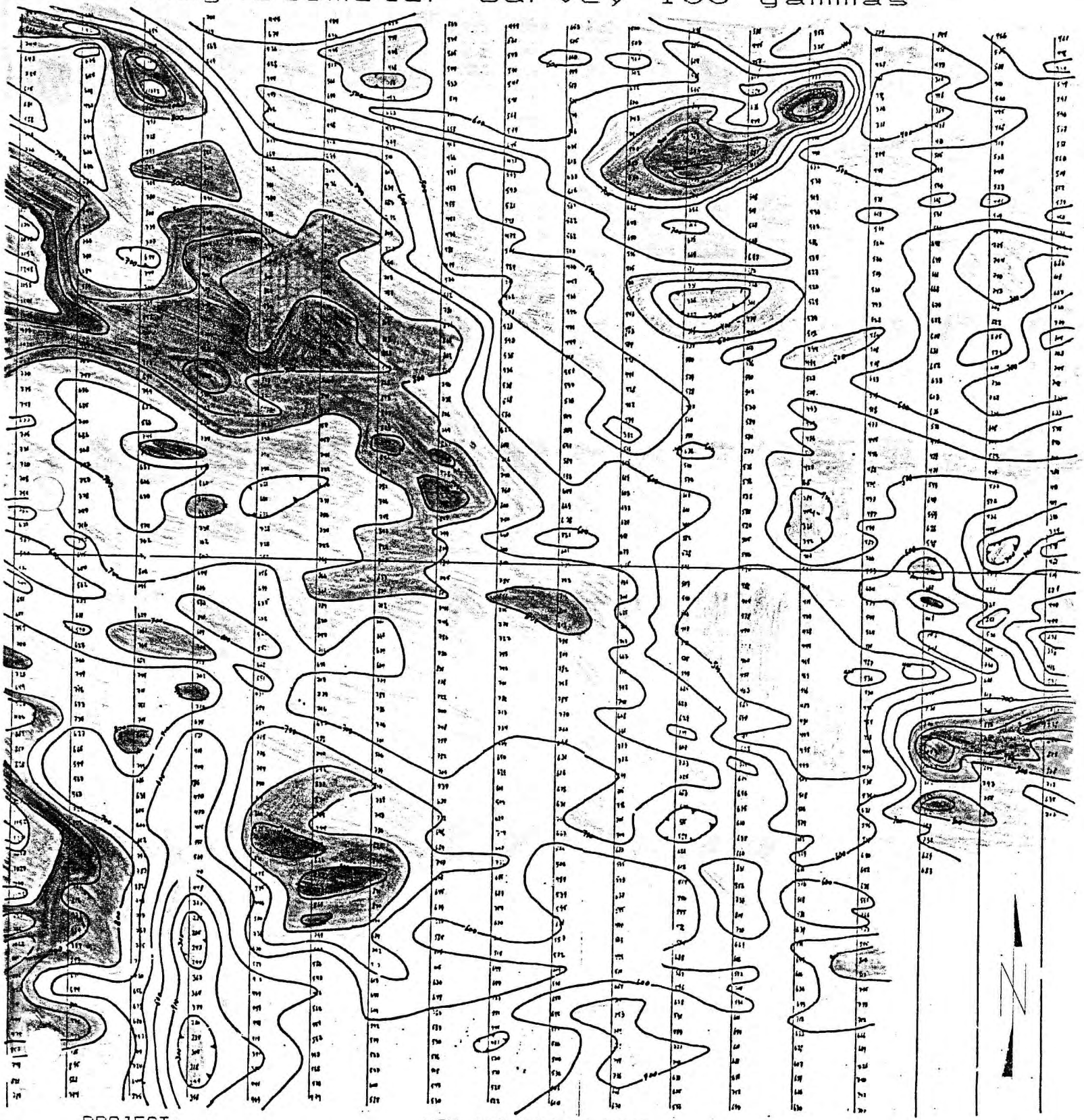


Randy Clarkson P. Eng.

President

HAVILAH GOLD MINES LIMITED

Reduced Geophysics Contour Plans
Magnetometer Survey 100 gammas



PROJECT: NEW AND ERA CLAIMS

Date: Feb 28/86 Scale: ▭ 100 m Drawn by: JD/RC Rev: Red

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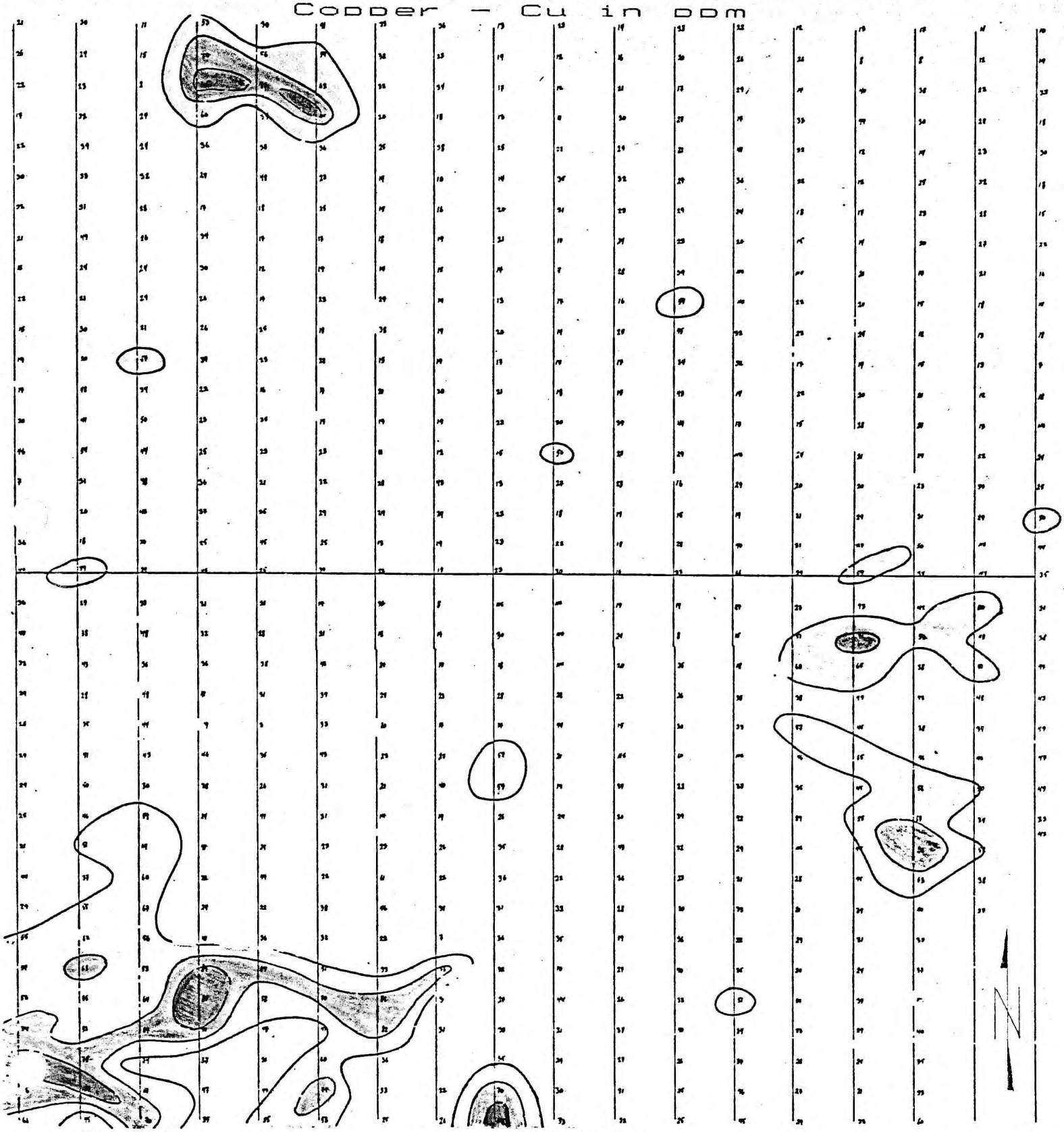
Reduced Geochemistry Contour Plans
Copper — Cu in ppm



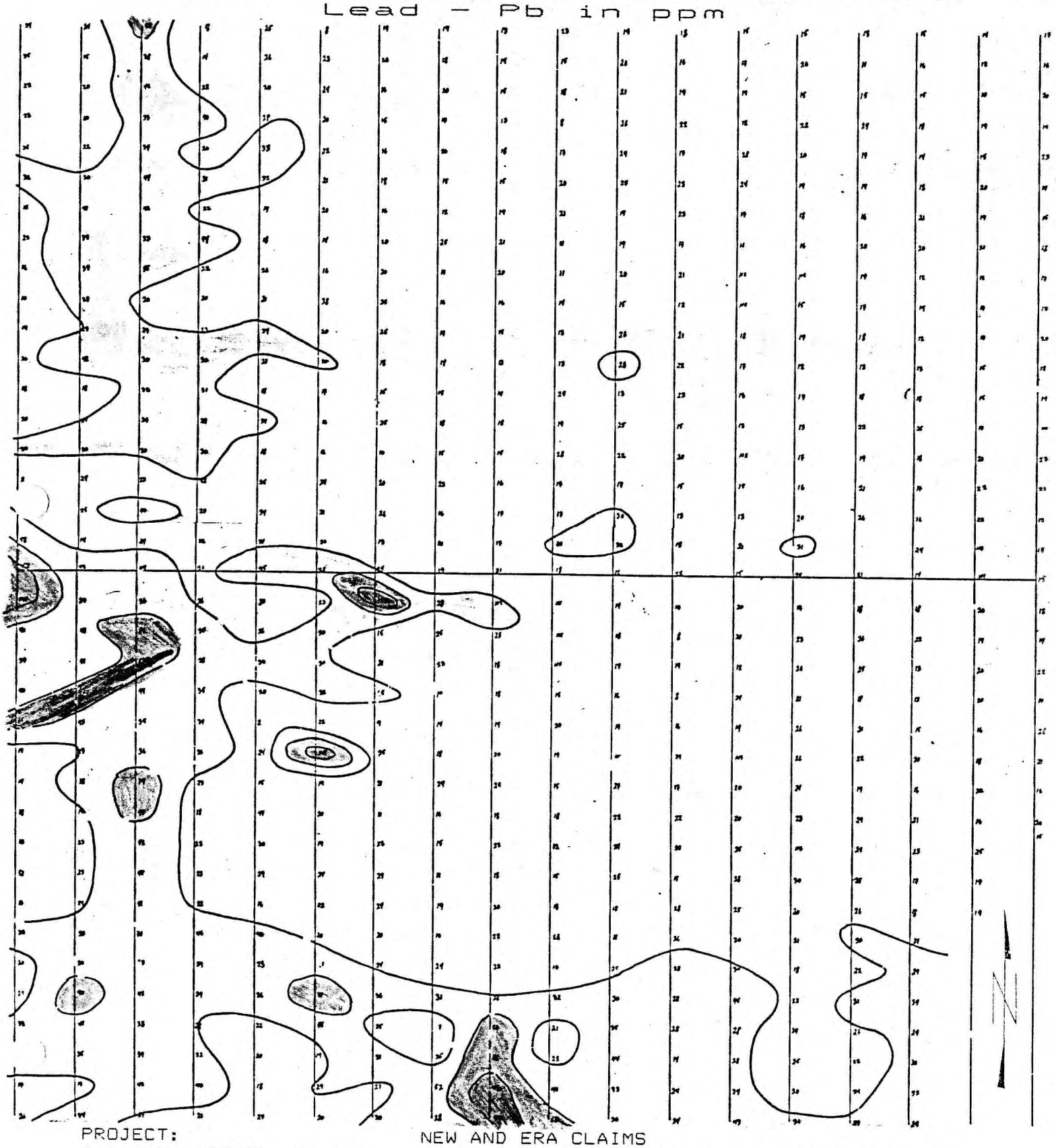
PROJECT: NEW AND ERA CLAIMS

Date: Feb 28/86 Scale: 100 m Drawn by: JD/RC Rev: Red

NEW ERA Engineering Corporation

HAVILAH GOLD MINES LIMITED

Reduced Geochemistry Contour Plans
Lead - Pb in ppm



PROJECT: NEW AND ERA CLAIMS

Date: Feb 28/86 Scale: 100 m Drawn by: JD/RC Rev: Red

NEW ERA Engineering Corporation

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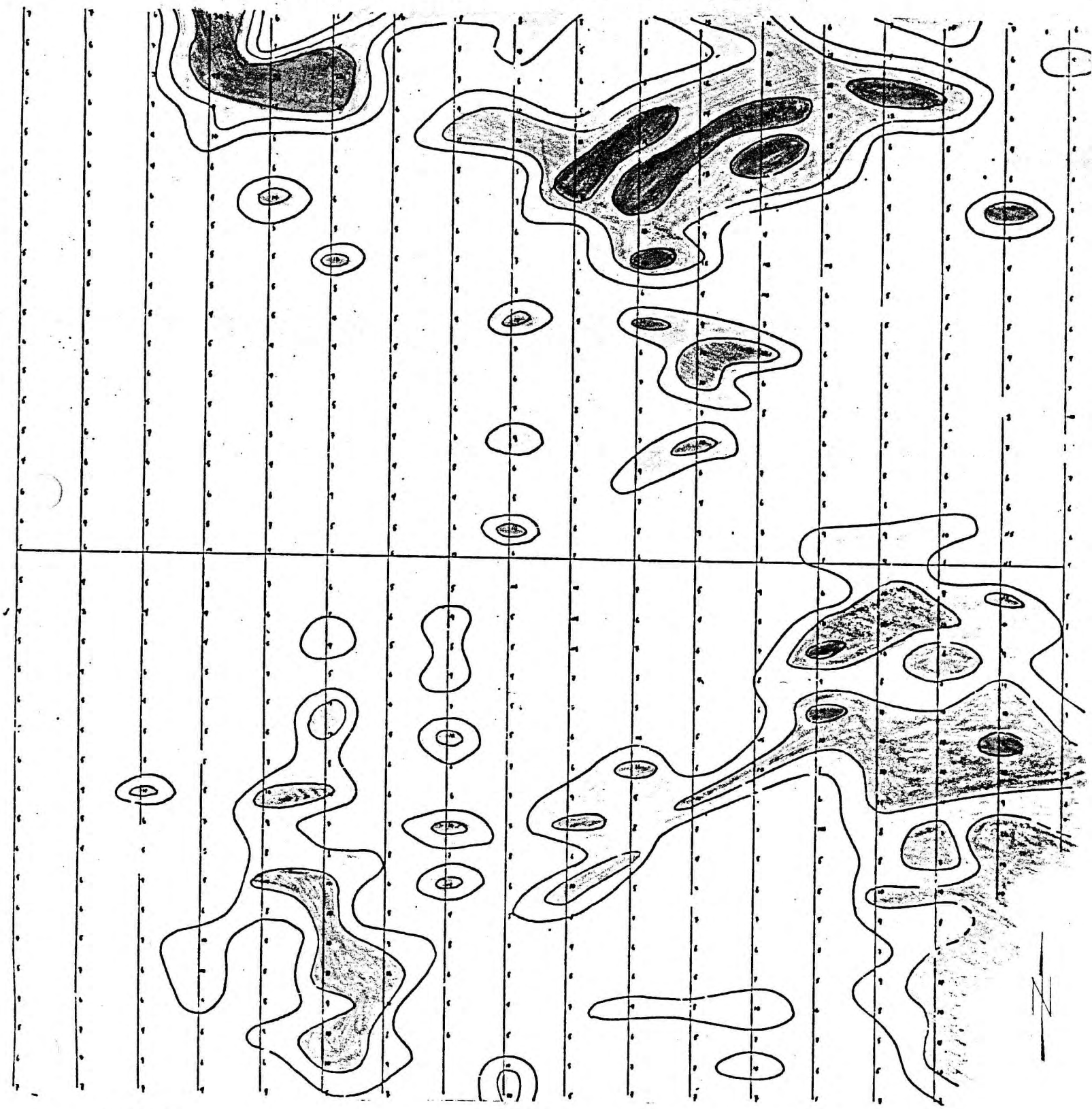
Reduced Geochemistry Contour Plans
Arsenic - As in ppm



PROJECT: NEW AND ERA CLAIMS

Date: Feb 28/86 Scale: ═══ 100 m Drawn by: JD/RC Rev: Red

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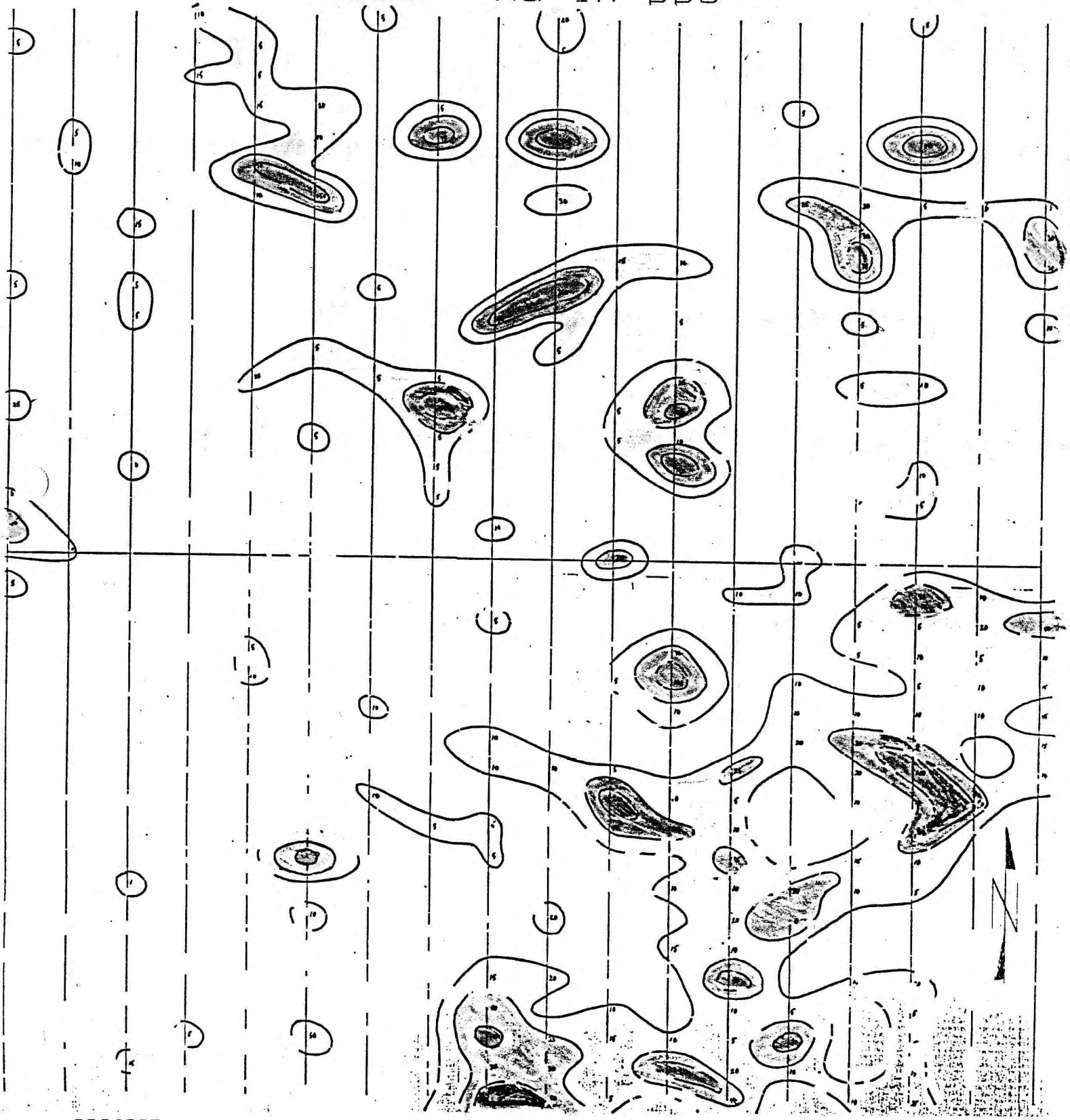
Reduced Geochemistry Contour Plans
Gold — Au in ppb



PROJECT: NEW AND ERA CLAIMS

Date: Feb 28/86 Scale: ▭ 100 m Drawn by: JD/RC Rev: Red

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Page

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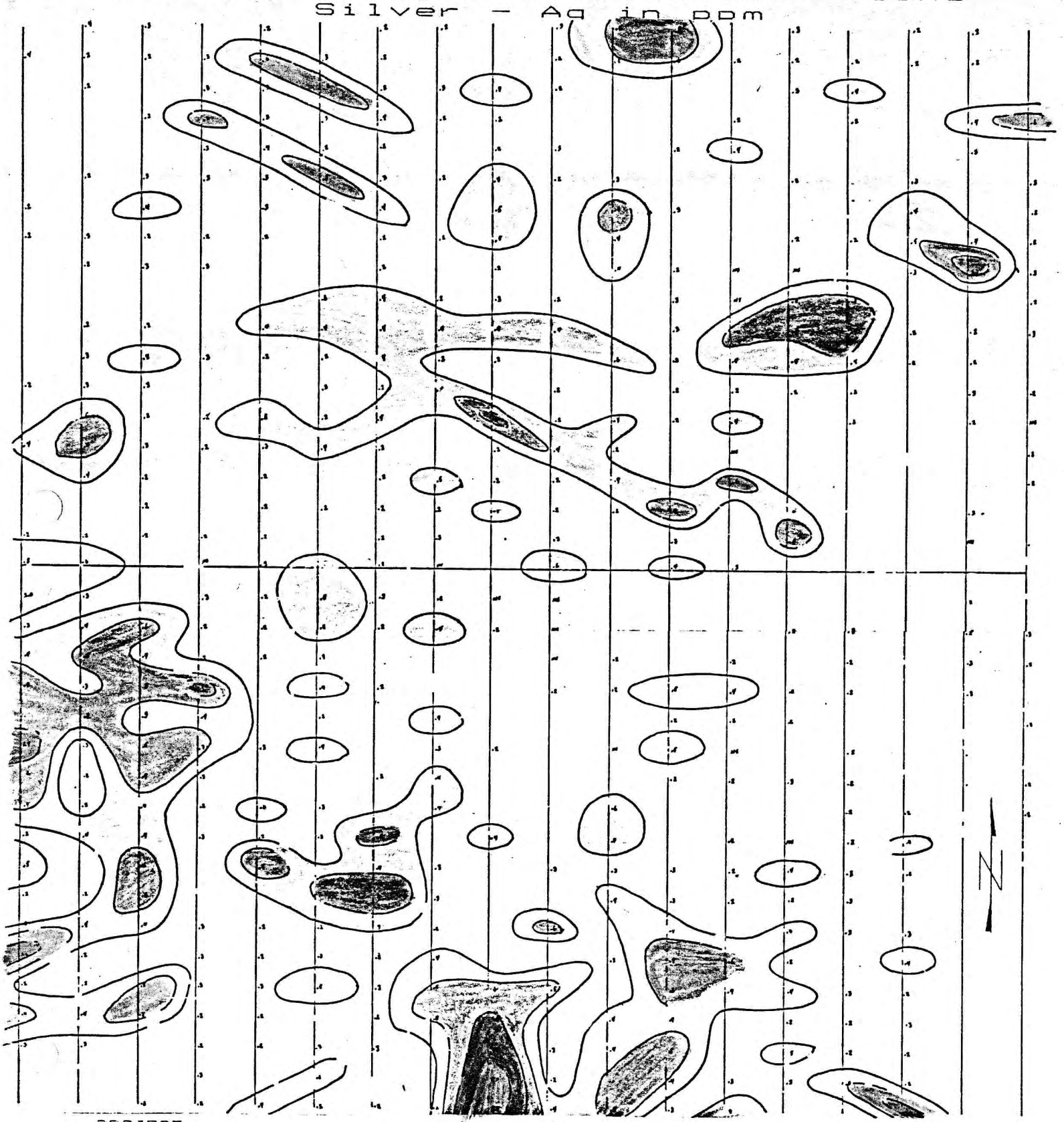
Reduced Geochemistry Contour Plans
Silver — Ag in ppm



PROJECT: NEW AND ERA CLAIMS

Date: Feb 28/86 Scale: 100 m Drawn by: JD/RC Rev: Red

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Geochemical Lab Report

PORT: 125-1652 (COMPLETE)

REFERENCE INFO:

IENT: BARKER MORLEY
OJECT: NONE GIVEN

SUBMITTED BY: M BARKER
DATE PRINTED: 29-JUL-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	635	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
2	Pb Lead	635	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
3	Zn Zinc	635	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
4	Ag Silver	635	0.2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
5	As Arsenic	635	2 PPM	NITRIC PERCHLOR DIG	Colourimetric
6	Au Gold - Fire Assay	635	5 PPB	FIRE-ASSAY	Fire Assay AA
7	wt/Au Sample Weight	112	1 gm		
8	wt/Au Sample Weight	49	1 gm		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
~~S SOIL~~	~~635~~	~~1 -80~~	~~635~~	~~DRY, SIEVE -80~~	~~635~~

NOTES: @ indicates SMALL SAMPLE WEIGHT

REMARKS: BIG WHITE AS-IS

FIRST COLUMN OF Au WEIGHT IS THE -80 MESH FRACTION USED.
SECOND COLUMN OF Au WEIGHT IS THE -20 MESH FRACTION USED.

REPORT COPIES TO: BARKER CREEK PLACER

INVOICE TO: BARKER CREEK PLACER

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Geochemical Lab Report

PORT: 135-1652

PROJECT: NONE GIVEN PAGE 1

MPLE# / RESP	ELEMENT / UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
L0+00W 0+50N		44	17	79	0.3	6	<5		
L0+00W 1+00N		50	17	78	<0.2	6	<5		
L0+00W 1+50N		25	22	50	0.2	7	<5		
L0+00W 2+00N		24	23	58	0.3	5	<5		missing 2+50
L0+00W 3+00N		18	19	36	0.2	7	<5		
L0+00W 3+50N		7	18	54	<0.2	4	<5		
L0+00W 4+00N		18	20	46	0.3	5	10		
L0+00W 4+50N		15	17	34	0.2	5	<5		
L0+00W 5+00N		16	17	36	0.3	6	30		
L0+00W 5+50N		22	18	39	0.2	5	30		
L0+00W 6+00N		15	15	46	0.2	7	5		
L0+00W 6+50N		18	17	40	0.3	6	<5		
L0+00W 7+00N		30	23	54	<0.2	8	<5		
L0+00W 7+50N		18	19	45	0.6	7	<5		
L0+00W 8+00N		33	20	65	<0.2	6	<5		
L0+00W 8+50N		19	16	71	<0.2	9	<5		
L0+00W 9+00N		10	17	68	<0.2	6	<5		missing 0+50
L1+00W 1+00N		29	23	56	0.3	6	<5		
L1+00W 1+50N		37	22	75	<0.2	6	<5		
L1+00W 2+00N		22	20	45	<0.2	7	<5		
L1+00W 2+50N		13	17	36	0.2	3	<5		
L1+00W 3+00N		12	15	40	0.3	6	<5		
L1+00W 3+50N		12	15	46	0.2	4	<5		
L1+00W 4+00N		13	17	41	0.2	5	<5		
L1+00W 4+50N		18	17	39	<0.2	4	<5		
L1+00W 5+00N		21	12	12	1.6	4	<5	8	
L1+00W 5+50N		27	21	66	0.4	9	<5		
L1+00W 6+00N		28	19	65	<0.2	12	5		
L1+00W 6+50N		32	20	60	<0.2	6	<5		
L1+00W 7+00N		23	15	52	0.3	4	<5		
L1+00W 7+50N		28	19	58	0.4	6	<5		
L1+00W 8+00N		22	10	105	<0.2	5	<5	4	
L1+00W 8+50N		12	17	56	0.2	6	<5		
L1+00W 9+00N		11	14	46	0.2	7	<5		
L2+00W 0+50N		50	24	94	<0.2	10	<5		
L2+00W 1+00N		31	16	55	<0.2	7	5		
L2+00W 1+50N		23	17	53	<0.2	6	10		
L2+00W 2+00N		29	18	58	<0.2	6	<5		
L2+00W 2+50N		27	25	65	<0.2	6	<5		
L2+00W 3+00N		21	18	70	<0.2	6	10		

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REPORT: 125-1552

PROJECT: NONE GIVEN PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L2+00W 3+50N		15	13	54	0.2	5	<5		
S1 L2+00W 4+00N		12	12	52	0.2	5	<5		
S1 L2+00W 4+50N		15	15	53	<0.2	5	<5		
S1 L2+00W 5+00N		17	12	54	0.3	4	<5		
S1 L2+00W 5+50N		20	20	60	0.5	5	<5		
S1 L2+00W 6+00N		23	21	50	0.4	5	5		
S1 L2+00W 6+50N		25	18	44	0.3	5	<5		
S1 L2+00W 7+00N		14	14	52	<0.2	5	240		
S1 L2+00W 7+50N		30	18	72	<0.2	11	<5		
S1 L2+00W 8+00N		38	15	60	<0.2	15	<5		
S1 L2+00W 8+50N		9	16	48	0.2	7	<5		
S1 L2+00W 9+00N		17	15	45	0.2	10	5		
S1 L3+00W 0+50N		27	23	65	<0.2	9	<5		
S1 L3+00W 1+00N		29	26	65	<0.2	6	5		
S1 L3+00W 1+50N		20	21	58	<0.2	5	<5		
S1 L3+00W 2+00N		21	19	62	<0.2	5	<5		
S1 L3+00W 2+50N		38	22	69	0.3	6	<5		
S1 L2+00W 3+00N		20	18	56	0.2	6	5		
S1 L3+00W 3+50N		14	13	52	0.4	4	<5		
S1 L3+00W 4+00N		25	18	62	0.9	5	5		
S1 L3+00W 4+50N		20	17	63	0.7	5	<5		
S1 L3+00W 5+00N		21	19	44	<0.2	6	75		
S1 L3+00W 5+50N		14	20	38	0.2	8	30		
S1 L3+00W 6+00N		17	16	43	<0.2	4	20		
S1 L3+00W 6+50N		12	19	48	<0.2	6	<5		
S1 L3+00W 7+00N		12	17	46	<0.2	6	<5		
S1 L3+00W 7+50N		49	24	85	0.2	13	<5		
S1 L3+00W 8+00N		40	15	86	0.4	62	<5		
S1 L3+00W 8+50N		9	11	39	0.2	5	<5		
S1 L3+00W 9+00N		13	13	44	<0.2	8	<5		
S1 L4+00W 0+50N		31	31	64	0.8	9	<5		
S1 L4+00W 1+00N		21	20	51	0.4	5	<5		
S1 L4+00W 1+50N		20	16	60	<0.2	6	<5		
S1 L4+00W 2+00N		24	17	74	<0.2	6	<5		
S1 L4+00W 2+50N		15	13	57	<0.2	8	<5		
S1 L4+00W 3+00N		22	17	54	0.2	5	<5		
S1 L4+00W 3+50N		17	12	44	0.4	6	<5		
S1 L4+00W 4+00N		22	19	68	0.5	7	<5		
S1 L4+00W 4+50N		22	15	54	0.7	6	<5		
S1 L4+00W 5+50N		15	16	48	0.2	7	<5		

missing 5+00 N

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PROJECT: NONE GIVEN PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au 5g	wt/Au 9g
S1 L4+00W 6+00N		18	18	49	<0.2	6	25		
S1 L4+00W 6+50N		32	19	100	0.2	11	<5		
S1 L4+00W 7+00N		22	20	112	<0.2	12	<5	5	
S1 L4+00W 7+50N		33	22	80	<0.2	11	5		
S1 L4+00W 8+00N		14	15	49	0.3	10	<5		
S1 L4+00W 8+50N		26	20	75	0.2	10	<5		
S1 L4+00W 9+00N		12	15	61	0.3	6	<5		
S1 L5+00W 0+50N		40	21	68	<0.2	7	<5		
S1 L5+00W 1+00N		19	13	65	<0.2	6	<5		
S1 L5+00W 1+50N		29	15	63	0.6	7	<5		
S1 L5+00W 2+50N		12	13	56	0.4	8	<5		
S1 L5+00W 3+00N		14	13	54	0.2	6	<5		
S1 L5+00W 3+50N		32	17	74	0.4	11	<5		
S1 L5+00W 4+00N		32	18	70	0.6	7	<5		
S1 L5+00W 5+50N		20	11	40	<0.2	4	<5	3	7
S1 L5+00W 6+00N		24	17	66	<0.2	8	<5		
S1 L5+00W 6+50N		26	24	96	<0.2	15	<5		
S1 L5+00W 7+00N		41	28	90	0.4	20	<5		
S1 L5+00W 7+50N		17	12	70	0.2	5	<5		
S1 L5+00W 8+00N		29	19	80	<0.2	16	<5		
S1 L5+00W 8+50N		26	17	120	0.2	10	<5		
S1 L5+00W 9+00N		22	15	116	<0.2	11	<5	6	
S1 L6+00W 0+50N		28	18	61	0.3	9	<5		
S1 L6+00W 1+00N		15	13	54	0.7	4	<5		
S1 L6+00W 1+50N		16	15	40	<0.2	6	10		
S1 L6+00W 2+00N		29	20	50	<0.2	10	10		
S1 L6+00W 2+50N		44	15	60	0.2	7	50		
S1 L6+00W 3+00N		43	23	65	0.2	10	25	5	
S1 L6+00W 3+50N		34	22	58	0.3	10	<5		
S1 L6+00W 4+00N		45	21	72	0.3	9	5		
S1 L6+00W 4+50N		59	12	49	0.3	4	<5	5	
S1 L6+00W 5+00N		39	21	56	0.2	12	10		
S1 L6+00W 5+50N		23	17	48	<0.2	9	<5		
S1 L6+00W 6+00N		29	23	102	0.3	13	<5		
S1 L6+00W 6+50N		29	33	84	<0.2	12	<5		
S1 L6+00W 7+00N		21	17	72	0.2	10	<5	7	
S1 L6+00W 7+50N		27	22	80	<0.2	14	<5		
S1 L6+00W 8+00N		17	19	74	<0.2	12	<5	2	8
S1 L6+00W 9+50N		20	16	80	0.6	6	<5		
S1 L6+00W 9+00N		33	19	60	0.3	12	<5		

missing 2+00 N

missing 4+50 J 5+00 N

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REPORT: 125-1652

PROJECT: NONE GIVEN PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au g	wt/Au g
S1 L7+00W 0+50N		19	32	58	<0.2	8	<5		
S1 L7+00W 1+00N		19	30	63	0.2	7	<5		
S1 L7+00W 1+50N		23	17	74	0.4	9	<5		
S1 L7+00W 2+00N		27	32	56	0.2	7	5		
S1 L7+00W 2+50N		39	25	74	0.4	5	5	6	
S1 L7+00W 3+00N		15	13	46	<0.2	7	<5		
S1 L7+00W 3+50N		17	28	52	0.6	6	<5		
S1 L7+00W 4+00N		25	26	68	<0.2	10	<5		
S1 L7+00W 4+50N		16	15	49	<0.2	6	<5		
S1 L7+00W 5+00N		28	20	80	0.4	16	15		
S1 L7+00W 5+50N		24	19	74	0.4	13	<5		
S1 L7+00W 6+00N		23	19	75	0.6	4	<5		
S1 L7+00W 6+50N		32	27	96	0.3	10	<5	7	
S1 L7+00W 7+00N		29	24	96	<0.2	16	<5		
S1 L7+00W 7+50N		30	26	98	<0.2	15	<5		
S1 L7+00W 8+00N		21	21	84	<0.2	8	<5		
S1 L7+00W 8+50N		16	20	70	0.5	5	<5		
S1 L7+00W 9+00N		14	19	71	0.5	6	<5		
S1 L8+00W 0+50N		22	31	62	0.3	6	<5		
S1 L8+00W 1+00N		18	17	43	0.2	7	<5		
S1 L8+00W 1+50N		27	17	49	0.2	6	<5		
S1 L8+00W 2+00N		50	28	75	0.4	7	<5		
S1 L8+00W 2+50N		30	19	63	0.2	8	<5		
S1 L8+00W 3+00N		18	25	58	0.2	8	<5		
S1 L8+00W 3+50N		17	13	44	<0.2	7	5		
S1 L8+00W 4+00N		14	13	42	0.4	5	<5		
S1 L8+00W 4+50N		17	14	68	0.2	6	360		
S1 L8+00W 5+00N		7	11	36	<0.2	6	<5		
S1 L8+00W 5+50N		10	11	48	<0.2	6	<5		
S1 L8+00W 6+00N		31	21	84	<0.2	17	30		
S1 L8+00W 6+50N		35	20	78	0.2	18	<5		
S1 L8+00W 7+00N		27	17	80	0.3	11	400		
S1 L8+00W 7+50N		11	8	72	<0.2	5	<5		
S1 L8+00W 8+00N		12	18	60	0.2	6	<5		
S1 L8+00W 8+50N		12	15	54	0.2	5	5		
S1 L8+00W 9+00N		22	23	65	0.3	8	20		
S1 L9+00W 0+00N		19	19	90	<0.2	6	<5		
S1 L10+00W 0+50N		19	21	75	0.2	6	<5		
S1 L10+00W 1+00N		24	16	45	0.2	4	5		
S1 L10+00W 1+50N		42	22	98	0.5	8	5		

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REPORT: 125-1652

PROJECT: NONE GIVEN PAGE 5

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
81 L10+00W 2+00N		12	15	44	<0.2	6	5		
81 L10+00W 2+50N		15	18	69	<0.2	6	320		
81 L10+00W 3+00N		20	15	44	0.4	6	5		
81 L10+00W 3+50N		19	18	56	0.3	7	<5		
81 L10+00W 4+00N		19	17	85	0.4	5	<5		
81 L10+00W 4+50N		14	16	130	0.2	4	<5		
81 L10+00W 5+00N		15	17	72	<0.2	5	<5		
81 L10+00W 5+50N		19	25	76	0.2	6	<5		
81 L10+00W 6+00N		16	12	55	<0.2	5	<5		
81 L10+00W 6+50N		10	15	78	0.2	5	<5		
81 L10+00W 7+00N		38	20	80	<0.2	11	95		
81 L10+00W 7+50N		18	17	65	0.2	9	5		
81 L10+00W 8+00N		34	20	108	0.3	7	<5		
81 L10+00W 8+50N		33	19	130	<0.2	5	<5		
81 L10+00W 9+00N		36	19	130	0.2	8	<5		
81 L11+00W 0+50N		13	13	56	0.2	5	<5		
81 L11+00W 1+00N		24	36	73	0.2	4	<5	2	8
81 L11+00W 1+50N		28	20	66	0.2	4	<5		
81 L11+00W 2+00N		11	10	45	0.2	4	<5		
81 L11+00W 2+50N		19	25	140	0.5	4	<5		
81 L11+00W 3+00N		21	15	88	0.2	5	5		
81 L11+00W 3+50N		15	18	80	0.4	5	<5		
81 L11+00W 4+00N		38	25	90	0.4	5	<5		
81 L11+00W 4+50N		29	25	62	0.4	4	5	3	7
81 L11+00W 5+00N		14	30	80	0.2	5	<5	4	6
81 L11+00W 5+50N		18	22	85	0.2	5	<5		
81 L11+00W 6+00N		15	16	96	0.4	4	<5		
81 L11+00W 6+50N		14	18	59	0.3	5	<5		
81 L11+00W 7+00N		25	16	74	0.2	5	<5		
81 L11+00W 7+50N		20	15	60	0.4	6	<5		
81 L11+00W 8+00N		32	16	76	0.2	6	<5		
81 L11+00W 8+50N		32	20	85	0.2	6	<5		
81 L11+00W 9+00N		32	19	120	0.2	10	5		
81 L12+00W 0+50N		25	20	80	<0.2	5	<5		
81 L12+00W 1+00N		39	21	89	0.2	9	<5		
81 L12+00W 1+50N		33	24	76	<0.2	7	<5		
81 L12+00W 2+00N		23	16	86	0.4	7	5		
81 L12+00W 2+50N		19	16	69	0.2	5	<5		
81 L12+00W 3+00N		17	17	69	0.3	7	<5		
81 L12+00W 3+50N		27	30	80	0.2	4	5		

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REPORT: 125-1652

PROJECT: NONE GIVEN PAGE 6

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L12+00W 4+00N		18	20	62	0.4	4	<5		
S1 L12+00W 4+50N		22	38	95	0.5	5	<5		
S1 L12+00W 5+00N		19	16	65	<0.2	10	<5		
S1 L12+00W 5+50N		17	14	60	<0.2	5	<5		
S1 L12+00W 6+00N		25	20	72	<0.2	6	150		
S1 L12+00W 6+50N		23	21	90	0.8	6	<5		
S1 L12+00W 7+00N		36	22	106	0.2	6	10		
S1 L12+00W 7+50N		95	20	112	0.3	25	20		
S1 L12+00W 8+00N		62	24	116	0.6	22	<5		
S1 L12+00W 8+50N		59	23	105	0.3	15	<5		
S1 L12+00W 9+00N		41	8	96	<0.2	6	<5		
S1 L13+00W 0+50N		45	24	73	0.2	7	<5		
S1 L13+00W 1+00N		35	34	93	0.2	6	<5	8	
S1 L13+00W 1+50N		21	25	85	0.2	4	<5	2	8
S1 L13+00W 2+00N		23	18	69	0.3	5	<5	8	
S1 L13+00W 2+50N		25	24	138	0.9	5	<5		
S1 L13+00W 3+00N		16	18	90	<0.2	4	35		
S1 L13+00W 3+50N		23	27	96	0.2	4	<5		
S1 L13+00W 4+00N		25	34	160	0.4	5	<5		
S1 L13+00W 4+50N		17	21	89	<0.2	5	<5		
S1 L13+00W 5+00N		12	26	78	<0.2	5	<5	6	
S1 L13+00W 5+50N		17	18	74	0.2	5	<5	2	7
S1 L13+00W 6+00N		19	19	70	0.2	14	10	7	
S1 L13+00W 6+50N		48	32	94	0.3	6	50		
S1 L13+00W 7+00N		33	33	100	0.4	5	<5		
S1 L13+00W 7+50N		34	28	90	0.2	14	15	7	
S1 L13+00W 8+00N		87	20	96	0.3	32	5		
S1 L13+00W 8+50N		56	26	69	0.6	8	5		
S1 L13+00W 9+00N		30	25	69	0.2	6	<5		
S1 L14+00W 0+50N		25	22	74	0.2	5	<5		
S1 L14+00W 1+00N		37	27	89	<0.2	6	<5		
S1 L14+00W 1+50N		36	28	94	<0.2	5	<5		
S1 L14+00W 2+00N		25	30	92	0.2	6	<5		
S1 L14+00W 2+50N		22	29	84	0.2	5	<5		
S1 L14+00W 3+00N		22	31	70	<0.2	5	<5		
S1 L14+00W 3+50N		37	30	80	0.3	5	<5		
S1 L14+00W 4+00N		25	23	68	<0.2	4	<5		
S1 L14+00W 4+50N		26	20	66	<0.2	5	<5		
S1 L14+00W 5+00N		30	22	97	0.3	5	<5		
S1 L14+00W 5+50N		24	44	145	0.2	5	<5		

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L14+00W 6+00N		17	22	146	<0.2	4	<5		
S1 L14+00W 6+50N		27	31	117	0.3	6	<5		
S1 L14+00W 7+00N		36	20	76	0.3	10	<5		
S1 L14+00W 7+50N		60	40	196	0.5	9	<5		
S1 L14+00W 8+00N		115	22	126	0.3	43	15		
S1 L14+00W 8+50N		77	14	96	0.3	30	<5		
S1 L14+00W 9+00N		53	18	92	<0.2	30	10		
S1 L15+00W 0+50N		20	24	68	0.2	5	<5		
S1 L15+00W 1+00N		43	40	109	0.2	5	<5		
S1 L15+00W 1+50N		48	22	80	0.2	6	5		
S1 L15+00W 2+00N		44	30	98	0.2	7	<5		
S1 L15+00W 2+50N		50	37	82	0.2	5	<5		
S1 L15+00W 3+00N		34	32	90	0.3	6	<5		
S1 L15+00W 3+50N		57	30	114	0.4	5	<5		
S1 L15+00W 4+00N		21	29	89	0.2	5	5		
S1 L15+00W 4+50N		29	20	62	<0.2	4	5		
S1 L15+00W 5+00N		24	55	106	0.3	4	<5		
S1 L15+00W 5+50N		26	33	104	0.2	5	15		
S1 L15+00W 6+00N		28	42	116	0.4	6	<5	7	
S1 L15+00W 6+50N		32	44	94	0.3	4	<5		
S1 L15+00W 7+00N		24	34	91	<0.2	4	<5		
S1 L15+00W 7+50N		24	33	102	0.2	7	<5		
S1 L15+00W 8+00N		2	42	62	<0.2	3	<5		
S1 L15+00W 8+50N		15	38	92	0.2	7	<5	7	
S1 L15+00W 9+00N		11	58	78	0.3	6	<5	6	
S1 L16+00W 0+00N		59	42	104	0.6	6	10		
S1 L16+00W 0+50N		18	14	49	0.2	4	<5		
S1 L16+00W 1+00N		26	25	92	<0.2	5	<5		
S1 L16+00W 1+50N		31	24	78	0.4	6	<5		
S1 L16+00W 2+00N		54	30	82	0.7	6	<5		
S1 L16+00W 2+50N		41	27	94	0.5	5	<5		
S1 L16+00W 3+00N		48	18	72	0.3	6	<5		
S1 L16+00W 3+50N		20	48	106	0.3	5	<5		
S1 L16+00W 4+00N		30	27	82	0.3	8	<5		
S1 L16+00W 4+50N		21	37	71	<0.2	5	<5		
S1 L16+00W 5+00N		24	39	98	0.2	5	<5		
S1 L16+00W 5+50N		49	39	112	0.3	5	<5		
S1 L16+00W 6+00N		31	41	132	<0.2	5	<5		
S1 L16+00W 6+50N		22	30	90	0.2	6	10	4	
S1 L16+00W 7+00N		39	22	64	<0.2	6	<5		

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L16+00W 7+50N		32	20	66	<0.2	6	5		
S1 L16+00W 8+00N		23	20	75	0.2	6	<5		
S1 L16+00W 8+50N		24	15	46	0.2	6	<5	8	
S1 L16+00W 9+00N		30	24	152	0.4	7	<5		
S1 L17+00W 0+50N		36	48	84	0.2	6	35		
S1 L17+00W 1+00N		46	26	84	<0.2	6	5		
S1 L17+00W 1+50N		7	9	22	<0.2	4	<5	7	
S1 L17+00W 2+00N		46	30	122	0.4	5	<5		
S1 L17+00W 2+50N		20	20	74	<0.2	5	25		
S1 L17+00W 3+00N		17	18	96	0.2	5	<5		
S1 L17+00W 3+50N		19	20	102	<0.2	6	<5	5	
S1 L17+00W 4+00N		15	19	42	<0.2	5	<5		
S1 L17+00W 4+50N		22	10	332	<0.2	4	5		
S1 L17+00W 5+00N		15	16	122	<0.2	5	<5		
S1 L17+00W 5+50N		21	23	71	0.2	6	<5		
S1 L17+00W 6+00N		32	18	68	0.2	6	<5	2	8
S1 L17+00W 6+50N		30	32	86	<0.2	5	<5		
S1 L17+00W 7+00N		22	35	66	<0.2	5	<5	5	
S1 L17+00W 7+50N		17	22	64	<0.2	5	<5		
S1 L17+00W 8+00N		22	22	84	<0.2	6	<5		
S1 L17+00W 8+50N		25	25	60	0.4	5	5		
S1 L17+00W 9+00N		21	24	68	<0.2	7	<5		
S1 L0+00W 0+00S		35	15	62	<0.2	5	<5		
S1 L0+00W 0+50S		26	13	60	<0.2	5	<5		
S1 L0+00W 1+00S		38	17	69	0.3	8	40		
S1 L0+00W 1+50S		47	22	68	0.2	7	10		
S1 L0+00W 2+00S		43	17	65	<0.2	7	15		
S1 L0+00W 2+50S		49	36	72	0.2	9	45		
S1 L0+00W 3+00S		47	21	80	<0.2	10	15		
S1 L0+00W 3+50S		49	16	72	0.2	10	10		
S1 L0+00W 4+00S		33	20	66	0.2	6	<5	2	8
S1 L0+00W 4+25S		42	15	76	<0.2	7	<5		
S1 L1+00W 0+50S		60	20	92	0.2	10	10		
S1 L1+00W 1+00S		48	19	76	0.2	9	20		
S1 L1+00W 1+50S		51	20	90	0.2	9	5		
S1 L1+00W 2+00S		48	30	67	0.2	10	10		
S1 L1+00W 2+50S		34	16	60	<0.2	10	10		
S1 L1+00W 3+00S		42	18	65	0.2	7	<5		
S1 L1+00W 3+50S		50	22	74	0.2	12	<5		
S1 L1+00W 4+00S		34	16	58	<0.2	9	80		

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L1+00W 4+50S		52	25	76	<0.2	20	<5		
S1 L1+00W 5+00S		38	19	64	<0.2	10	<5		
S1 L1+00W 5+50S		27	19	65	<0.2	10	<5		
S1 L2+00W 0+00S		34	14	56	<0.2	6	<5		
S1 L2+00W 0+50S		42	18	72	<0.2	9	40		
S1 L2+00W 1+00S		53	22	84	<0.2	10	5		
S1 L2+00W 1+50S		38	13	55	<0.2	6	10		
S1 L2+00W 2+00S		42	13	78	<0.2	8	5		
S1 L2+00W 2+50S		38	15	66	<0.2	10	10		
S1 L2+00W 3+00S		46	20	84	<0.2	10	25		
S1 L2+00W 3+50S		56	16	72	<0.2	10	100		
S1 L2+00W 4+00S		67	21	100	0.2	10	10		
S1 L2+00W 4+50S		85	23	130	0.4	7	50		
S1 L2+00W 5+00S		63	17	94	0.2	7	10		
S1 L2+00W 5+50S		40	18	80	<0.2	10	5		
S1 L2+00W 6+00S		30	27	88	0.3	8	<5		
S1 L2+00W 6+50S		37	29	80	0.4	10	<5		
S1 L2+00W 7+00S		52	34	95	0.2	11	20		
S1 L2+00W 7+50S		40	29	94	0.3	10	5		
S1 L2+00W 8+00S		35	30	92	0.2	11	5		
S1 L2+00W 8+50S		33	33	88	0.2	10	15		
S1 L2+00W 9+00S		60	29	122	1.1	7	25		
S1 L3+00W 0+00S		59	21	97	0.2	9	5		
S1 L3+00W 0+50S		43	18	76	<0.2	10	<5		
S1 L3+00W 1+00S		71	26	110	0.3	11	5		
S1 L3+00W 1+50S		65	25	109	0.2	10	5		
S1 L3+00W 2+00S		49	18	92	0.2	8	<5		
S1 L3+00W 2+50S		45	21	94	<0.2	11	10		
S1 L3+00W 3+00S		65	22	91	0.2	10	30		
S1 L3+00W 3+50S		45	19	69	0.2	10	20		
S1 L3+00W 4+00S		55	29	94	0.2	11	10		
S1 L3+00W 4+50S		45	25	92	0.2	8	<5		
S1 L3+00W 5+00S		45	25	80	0.3	8	15	7	
S1 L3+00W 5+50S		34	26	69	0.3	10	10		
S1 L3+00W 6+00S		31	30	78	0.3	9	<5		
S1 L3+00W 6+50S		24	22	90	<0.2	7	<5		
S1 L3+00W 7+00S		24	31	83	0.3	9	10	8	
S1 L3+00W 7+50S		29	27	74	0.2	8	<5		
S1 L3+00W 8+00S		25	22	86	0.2	5	<5		
S1 L3+00W 8+50S		21	25	45	0.5	5	<5	2	6

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L3+00W 9+00S		33	29	96	<0.2	7	10		
S1 L4+00W 0+00S		29	24	73	<0.2	9	20		7
S1 L4+00W 0+50S		27	17	70	<0.2	6	10	3	7
S1 L4+00W 1+00S		51	23	82	0.2	10	<5		
S1 L4+00W 1+50S		62	25	100	<0.2	15	<5		
S1 L4+00W 2+00S		38	21	67	0.2	9	10		
S1 L4+00W 2+50S		57	26	95	0.2	17	10		
S1 L4+00W 3+00S		46	26	92	<0.2	10	20	5	
S1 L4+00W 3+50S		35	24	87	0.3	8	<5		7
S1 L4+00W 4+00S		29	23	88	<0.2	6	<5	1	7
S1 L4+00W 5+00S		28	30	78	0.4	5	<5	1	9
S1 L4+00W 5+50S		21	20	60	0.2	5	30	4	6
S1 L4+00W 6+00S		29	21	66	0.4	4	90	3	7
S1 L4+00W 6+50S		20	18	52	0.2	5	<5	3	7
S1 [illegible]00W 7+00S		27	22	80	0.4	5	<5	6	
S1 L4+00W 7+50S		33	24	65	0.2	6	5	5	
S1 L4+00W 8+00S		28	25	66	0.5	7	60		
S1 L4+00W 8+50S		27	20	77	0.3	6	10		
S1 L4+00W 9+00S		29	31	92	<0.2	6	<5	3	7
S1 L5+00W 0+00S		26	15	59	0.3	6	<5	8	
S1 L5+00W 0+50S		29	20	72	<0.2	9	10		
S1 L5+00W 1+00S		15	20	84	<0.2	5	<5		
S1 L5+00W 1+50S		18	12	40	0.2	7	<5	2	4
S1 L5+00W 2+00S		28	24	73	0.4	8	<5		7
S1 L5+00W 2+50S		32	19	72	0.2	6	<5	4	6
S1 L5+00W 3+50S		37	20	66	0.2	10	25		
S1 L5+00W 4+00S		42	20	74	<0.2	7	5	6	
S1 L5+00W 4+50S		29	25	70	0.2	5	10		
S1 L5+00W 5+00S		31	28	72	0.2	5	25	7	
S1 L5+00W 5+50S		33	25	82	0.2	6	10		
S1 L5+00W 6+00S		22	20	77	<0.2	7	20	4	6
S1 L5+00W 6+50S		35	30	75	0.6	6	10	7	
S1 L5+00W 7+00S		51	45	105	0.4	7	90	2	8
S1 L5+00W 7+50S		34	29	82	<0.2	10	10		
S1 L5+00W 8+00S		37	28	72	<0.2	7	5		
S1 [illegible]+00W 8+50S		46	34	71	0.2	10	20		
S1 [illegible]+00W 9+00S		45	43	63	0.4	7	40		
S1 L6+00W 0+00S		23	22	62	0.4	6	<5		
S1 L6+00W 0+50S		14	10	38	<0.2	5	<5	5	
S1 L6+00W 1+00S		8	8	16	<0.2	4	<5	5	

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L6+00W 1+50S		25	19	56	<0.2	6	35	3	7
S1 L6+00W 2+00S		26	9	24	0.5	4	100		4
S1 L6+00W 2+50S		30	16	70	0.2	5	10	7	
S1 L6+00W 3+00S		60	24	66	0.5	5	<5	1	5
S1 L6+00W 3+50S		22	17	105	0.2	6	<5	7	
S1 L6+00W 4+00S		39	22	78	<0.2	10	10	5	
S1 L6+00W 4+50S		32	20	60	<0.2	7	20	7	
S1 L6+00W 5+00S		23	15	52	0.3	4	10	3	6
S1 L6+00W 5+50S		30	28	78	0.2	7	10		
S1 L6+00W 6+00S		36	26	108	0.4	7	<5		
S1 L6+00W 6+50S		40	38	84	0.9	6	15	8	
S1 L6+00W 7+00S		33	28	170	0.6	5	<5	5	
S1 L6+00W 7+50S		40	28	86	0.4	8	<5		
S1 L6+00W 8+00S		26	14	35	0.8	5	10		
S1 L6+00W 8+50S		25	24	58	0.4	7	220	2	6
S1 L6+00W 9+00S		25	24	65	0.3	7	<5	1	6
S1 L7+00W 0+00S		16	16	47	<0.2	6	30		
S1 L7+00W 0+50S		19	14	50	<0.2	7	<5		
S1 L7+00W 1+00S		24	18	78	<0.2	6	<5		
S1 L7+00W 1+50S		20	19	74	0.2	7	<5	1	8
S1 L7+00W 2+00S		22	16	52	0.2	5	5		
S1 L7+00W 2+50S		15	19	74	<0.2	5	<5		
S1 L7+00W 3+50S		37	27	70	<0.2	11	5	7	
S1 L7+00W 4+00S		20	22	90	0.6	5	<20@		2
S1 L7+00W 4+50S		43	24	59	0.7	8	[illegible]	9	
S1 L7+00W 5+00S		36	25	70	0.3	10	<5		
S1 L7+00W 5+50S		26	18	150	0.4	5	<5	3	6
S1 L7+00W 6+00S		19	18	69	<0.2	7	<5		
S1 L7+00W 6+50S		27	25	94	0.2	5	<5		
S1 L7+00W 7+00S		26	30	86	<0.2	6	<5	7	
S1 L7+00W 7+50S		37	35	84	0.4	9	10		
S1 L7+00W 8+00S		27	44	94	0.4	6	15	6	
S1 L7+00W 8+50S		31	32	73	0.5	7	<5		5
S1 L7+00W 9+00S		32	30	72	0.5	7	5	8	
S1 L8+00W 0+00S		20	18	74	0.6	7	<5		
S1 L8+00W 2+00S		28	15	62	0.2	7	<5		
S1 L8+00W 2+50S		44	20	64	<0.2	7	<5		
S1 L8+00W 3+00S		21	19	52	<0.2	6	<5		
S1 L8+00W 3+50S		19	15	62	<0.2	6	10		
S1 L8+00W 4+00S		24	18	54	<0.2	9	<5		

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L8+00W 4+50S		28	22	98	<0.2	10	<5		
S1 L8+00W 5+00S		22	15	55	0.3	6	<5		
S1 L8+00W 5+50S		32	18	92	<0.2	10	<5		
S1 L8+00W 6+00S		35	28	68	0.5	9	20		
S1 L8+00W 6+50S		19	19	34	<0.2	4	<5		
S1 L8+00W 7+00S		44	32	78	0.5	5	20		
S1 L8+00W 7+50S		31	21	54	<0.2	7	<5		
S1 L8+00W 8+00S		29	38	68	0.3	5	25	8	
S1 L8+00W 8+50S		30	40	80	0.2	5	30		
S1 L8+00W 9+00S		33	68	150	0.4	5	50		
S1 L9+00W 1+00S A		30	28	85	0.2	5	5		
S1 L9+00W 1+50S A		18	18	70	<0.2	5	<5		
S1 L9+00W 2+00S A		28	18	80	<0.2	4	<5		
S1 L9+00W 2+50S A		17	14	115	<0.2	5	<5		
S1 L9+00W 3+00S A		52	20	73	0.2	5	10		
S1 L9+00W 3+50S A		59	25	82	<0.2	7	10		
S1 L9+00W 4+00S A		26	18	64	<0.2	7	<5		
S1 L9+00W 4+50S A		35	22	62	0.4	7	5		
S1 L9+00W 5+00S A		36	18	78	<0.2	8	5		
S1 L9+00W 5+50S A		31	20	111	<0.2	6	<5		
S1 L9+00W 6+00S A		36	22	66	<0.2	8	<5		
S1 L9+00W 6+50S A		22	23	76	<0.2	7	<5		
S1 L9+00W 7+00S A		27	28	78	0.6	5	15		
S1 L9+00W 7+50S A		33	58	92	1.0	4	40		
S1 L9+00W 8+00S A		35	62	100	1.2	5	50		
S1 L9+00W 8+50S A		70	430	490	5.0	10	25		
S1 L9+00W 9+00S A		101	490	400	5.7	10	110		
S1 L9+00W 0+00S B		23	21	60	<0.2	6	<5		
S1 L9+00W 0+50S B		23	17	56	<0.2	10	10		
S1 L9+00W 1+00S B		22	17	64	0.4	5	<5		
S1 L9+00W 1+50S B		13	16	50	0.2	6	<5		
S1 L9+00W 2+00S B		15	15	46	0.2	9	<5		
S1 L9+00W 2+50S B		22	18	53	1.0	7	<5		
S1 L9+00W 3+00S B		21	14	55	<0.2	6	<5		
S1 L9+00W 3+50S B		17	13	56	0.2	7	<5		
S1 L9+00W 4+00S B		20	15	60	0.4	10	85		
S1 L9+00W 4+50S B		13	16	53	0.3	7	<5		
S1 L9+00W 5+00S B		14	20	51	0.2	7	<5		
S1 L9+00W 5+50S B		21	21	61	0.5	6	<5		
S1 L9+00W 6+00S B		20	19	49	0.5	7	<5		

South

Missing 2+50 S

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au, gm	wt/Au gm
S1 L9+00W 6+50S B		14	15	52	0.4	5	<5		
S1 L9+00W 7+00S B		25	18	74	0.2	10	<5		
S1 L9+00W 7+50S B		13	13	92	0.2	10	<5		
S1 L9+00W 8+00S B		17	15	120	0.4	6	<5		
S1 L9+00W 8+50S B		14	14	49	<0.2	10	<5		
S1 L9+00W 9+00S B		13	13	44	<0.2	9	<5		
S1 L10+00W 0+50S		8	22	41	0.2	5	<5		
S1 L10+00W 1+00S		19	25	84	0.4	9	<5		
S1 L10+00W 1+50S		17	23	60	<0.2	8	<5		
S1 L10+00W 2+00S		23	18	56	<0.2	9	<5		
S1 L10+00W 2+50S		17	14	56	0.4	7	<5		
S1 L10+00W 3+00S		27	18	64	0.3	10	<5		
S1 L10+00W 3+50S		40	24	96	0.4	8	<5		
S1 L10+00W 4+00S		19	16	54	0.4	6	<5		
S1 L10+00W 4+50S		26	15	65	<0.2	10	5		
S1 L10+00W 5+00S		22	11	98	0.3	7	<5	8	
S1 L10+00W 5+50S		37	19	86	0.3	10	<5		
S1 L10+00W 6+00S		7	10	40	0.2	4	<5		
S1 L10+00W 6+50S		68	24	83	0.4	8	<5		
S1 L10+00W 7+00S		37	31	67	0.5	6	<5		
S1 L10+00W 7+50S		31	17	70	0.5	5	<5		
S1 L10+00W 8+00S		24	25	62	<0.2	6	<5		
S1 L10+00W 8+50S		23	52	94	<0.2	5	<5	6	6
S1 L10+00W 9+00S		26	29	70	0.2	9	<5	8	
S1 L11+00W 0+00S		22	24	89	0.2	5	<5		
S1 L11+00W 0+50S		33	137	170	0.3	5	<5		
S1 L11+00W 1+00S		18	15	92	0.2	5	<5		
S1 L11+00W 1+50S		24	21	73	<0.2	5	<5	7	
S1 L11+00W 2+00S		24	35	107	0.2	6	<5		
S1 L11+00W 2+50S		20	9	80	<0.2	6	10		
S1 L11+00W 3+00S		23	25	80	<0.2	5	<5	9	
S1 L11+00W 3+50S		21	21	64	0.2	6	<5		
S1 L11+00W 4+00S		14	11	48	<0.2	6	10		
S1 L11+00W 4+50S		23	22	90	0.5	7	<5	9	
S1 L11+00W 5+00S		61	29	86	0.4	8	<5		
S1 L11+00W 5+50S		46	24	285	0.9	6	<5		
S1 L11+00W 6+00S		22	20	94	0.3	5	<5		
S1 L11+00W 6+50S		33	24	112	0.2	9	<5		
S1 L11+00W 7+00S		84	36	88	0.2	12	<5		
S1 L11+00W 7+50S		92	25	89	0.2	10	<5		

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	Wt/Au gm	Wt/Au gm
S1 L11+00W 8+00S		36	31	70	0.3	8	<5		
S1 L11+00W 8+50S		33	27	75	<0.2	9	<5		
S1 L11+00W 9+00S		25	30	76	0.2	7	<5	7	
S1 L12+00W 0+00S		39	33	85	0.4	6	<5		
S1 L12+00W 0+50S		19	23	76	0.5	6	<5		5
S1 L12+00W 1+00S		21	30	63	0.5	8	<5	2	8
S1 L12+00W 1+50S		46	30	81	0.3	9	<5		
S1 L12+00W 2+00S		29	32	80	0.4	5	<5	6	
S1 L12+00W 2+50S		33	22	100	0.2	10	<5	4	6
S1 L12+00W 3+00S		42	148	128	0.4	10	<5		
S1 L12+00W 3+50S		31	19	85	<0.2	8	<5	8	
S1 L12+00W 4+00S		31	20	72	0.3	10	<5		
S1 L12+00W 4+50S		23	19	92	0.3	7	<5	9	
S1 L12+00W 5+00S		22	24	96	<0.2	8	120	8	
S1 L12+00W 5+50S		38	22	83	0.5	10	<5	7	6
S1 L12+00W 6+00S		32	20	78	0.2	10	10		
S1 L12+00W 6+50S		51	51	132	0.3	10	<5	6	
S1 L12+00W 7+00S		70	71	132	0.5	11	<5	8	
S1 L12+00W 7+50S		41	55	116	<0.2	9	<5	6	
S1 L12+00W 8+00S		60	19	73	0.3	10	50		
S1 L12+00W 8+50S		79	29	92	0.6	10	<5		
S1 L12+00W 9+00S		53	20	72	0.2	8	<5		
S1 L13+00W 0+00S		25	35	86	0.3	9	<5		
S1 L13+00W 0+50S		25	20	68	0.2	7	<5	2	5
S1 L13+00W 1+00S		23	25	86	0.2	6	<5		
S1 L13+00W 1+50S		28	35	83	0.2	6	5		
S1 L13+00W 3+00S		31	20	126	<0.2	7	10	8	
S1 L13+00W 2+50S		3	2	10	<0.2	5	<5		
S1 L13+00W 3+00S		35	24	96	0.3	6	<5	2	7
S1 L13+00W 3+50S		26	15	69	<0.2	7	<5		
S1 L13+00W 4+00S		47	44	78	0.6	10	<5		6
S1 L13+00W 4+50S		24	30	77	0.2	9	<5	6	
S1 L13+00W 5+00S		59	29	68	0.5	8	<5		
S1 L13+00W 5+50S		22	16	72	<0.2	10	<5		
S1 L13+00W 6+00S		36	40	88	0.2	8	<5	7	
S1 L13+00W 6+50S		69	23	90	0.2	5	<5	2	5
S1 L13+00W 7+00S		59	36	138	0.3	5	<5	3	7
S1 L13+00W 7+50S		48	22	122	0.2	5	<5		
S1 L13+00W 8+00S		31	20	112	0.2	9	<5		
S1 L13+00W 8+50S		47	18	70	<0.2	6	<5	2	8

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
S1 L13+00W 9+00S		55	27	95	0.4	4	<5		missing 1 sample
S1 L14+00W 0+50S		31	25	90	0.3	3	<5		
S1 L14+00W 1+00S		32	34	98	0.2	4	<5		
S1 L14+00W 1+50S		36	28	84	0.2	4	<5		
S1 L14+00W 2+00S		51	35	89	1.0	5	<5		
S1 L14+00W 2+50S		49	34	94	0.4	5	<5		
S1 L14+00W 3+00S		46	36	95	0.7	5	<5		
S1 L14+00W 3+50S		38	23	85	0.3	5	<5		
S1 L14+00W 4+00S		24	18	80	0.2	5	<5		
S1 L14+00W 4+50S		41	23	124	0.3	7	<5		
S1 L14+00W 5+00S		22	23	82	<0.2	5	<5		
S1 L14+00W 5+50S		24	22	91	<0.2	5	<5		
S1 L14+00W 6+00S		41	46	120	0.3	6	<5		
S1 L14+00W 6+50S		95	29	96	0.3	10	<5		
S1 L14+00W 7+00S		85	29	110	0.3	10	5		
S1 L14+00W 7+50S		90	29	108	0.2	9	<5		
S1 L14+00W 8+00S		37	32	90	0.2	6	<5		
S1 L14+00W 8+50S		47	40	98	0.3	6	<5		
S1 L14+00W 9+00S		35	27	106	0.2	4	<5	7	
S1 L15+00W 0+00S		29	44	69	<0.2	5	<5		
S1 L15+00W 0+50S		33	36	85	<0.2	5	<5		
S1 L15+00W 1+00S		49	84	116	0.6	4	<5		
S1 L15+00W 1+50S		36	63	81	0.4	6	<5		
S1 L15+00W 2+00S		49	44	98	0.3	6	<5		
S1 L15+00W 2+50S		44	35	90	0.3	5	<5		
S1 L15+00W 3+00S		43	36	86	0.5	5	<5		
S1 L15+00W 3+50S		30	79	54	0.9	5	<5		
S1 L15+00W 4+00S		59	57	108	0.4	10	<5		
S1 L15+00W 4+50S		64	52	100	0.4	6	<5		
S1 L15+00W 5+00S		60	49	92	0.6	5	<5		
S1 L15+00W 5+50S		67	51	124	0.6	9	10		
S1 L15+00W 6+00S		56	31	114	0.4	5	<5		
S1 L15+00W 6+50S		53	37	122	<0.2	7	<5		
S1 L15+00W 7+00S		64	42	126	0.5	6	<5	8	
S1 L15+00W 7+50S		69	38	116	0.7	5	15		
S1 L15+00W 8+00S		34	39	92	<0.2	4	<5		
S1 L15+00W 8+50S		61	42	124	<0.2	9	<5		
S1 L15+00W 9+00S		70	27	94	0.3	7	<5		
S1 L16+00W 0+50S		29	34	125	0.2	4	<5		
S1 L16+00W 1+00S		38	43	90	0.4	3	<5		

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Au PPB	wt/Au gm	wt/Au gm
G1 L16+00W 1+50S		43	41	112	0.5	5	<5		
G1 L16+00W 2+00S		29	62	100	0.2	4	<5	6	
G1 L16+00W 2+50S		35	43	74	0.9	5	<5	2	8
G1 L16+00W 3+00S		41	27	99	0.2	5	<5	8	
G1 L16+00W 3+50S		50	39	83	0.2	5	<5	9	
G1 L16+00W 4+00S		46	14	142	0.2	4	<5		
G1 L16+00W 4+50S		51	23	120	0.4	5	<5		
G1 L16+00W 5+00S		37	23	136	<0.2	4	<5		
G1 L16+00W 5+50S		55	24	105	0.2	6	<5		
G1 L16+00W 6+00S		62	33	110	0.4	6	<5		
G1 L16+00W 6+50S		69	39	124	0.2	5	<5	5	
G1 L16+00W 7+00S		55	90	120	0.2	7	<5		
G1 L16+00W 7+50S		53	44	100	0.4	6	<5		
G1 L16+00W 8+00S		78	35	98	0.2	7	<5		
G1 L16+00W 8+50S		188	18	100	<0.2	7	<5		
G1 L16+00W 9+00S		45	34	128	<0.2	7	<5		
G1 L17+00W 0+00S		40	152	105	0.9	5	<5	8	
G1 L17+00W 0+50S		36	194	85	2.0	5	5	9	
G1 L17+00W 1+00S		47	40	94	0.3	4	<5		
G1 L17+00W 1+50S		32	39	66	0.4	5	<5		
G1 L17+00W 2+00S		29	40	85	0.9	5	<5		
G1 L17+00W 2+50S		28	65	60	0.5	6	<5		
G1 L17+00W 3+00S		29	19	62	1.4	5	<5		
G1 L17+00W 3+50S		29	14	65	0.6	6	<5		
G1 L17+00W 4+00S		25	19	65	0.5	5	<5		
G1 L17+00W 4+50S		21	13	60	0.2	5	<5	6	
G1 L17+00W 5+00S		44	52	100	0.5	6	<5		
G1 L17+00W 5+50S		29	17	80	0.2	5	<5	9	
G1 L17+00W 6+00S		55	32	96	0.2	5	<5		
G1 L17+00W 6+50S		54	20	85	1.5	4	<5	3	6
G1 L17+00W 7+00S		53	24	102	0.2	5	<5		
G1 L17+00W 7+50S		74	32	120	0.5	4	<5	4	6
G1 L17+00W 8+00S		88	43	100	0.3	5	<5	5	
G1 L17+00W 8+50S		76	17	90	<0.2	6	<5		
G1 L17+00W 9+00S		61	26	116	<0.2	7	<5		