8/88 87-611-16339

REPORT ON

GEOLOGY AND GEOCHEMISTRY OF HAT LAKE CLAIM GROUP

OMINECA MINING DIVISION

NTS 93K/16W

Lat.: 54° 46' N. Long.: 124° 22' W.

FOR

BIG VALLEY RESOURCES INC. AND

(OPERATOR)

BY

FILMED

Uwe Schmidt, B.Sc., F.G.A.C.

NORTHWEST GEOLOGICAL CONSULTING LTD.

Oct. 11, 1987

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1. SUMMARY AND RECOMMENDATIONS

The Hat claim group is located in the Omineca Mining division, 42 km north of Fort St. James, B.C.

From May to Sept., 1987 Northwest Geological Consulting Ltd. carried out a grid soil sampling and mapping program on the Hat property on behalf of Big Valley Resources Inc.

The claims cover the northern flank of an aeromagnetic high within the Mesozoic aged Takla Group, a geologic setting which is similar to Noranda's Tas gold discovery, located 13 km north of the Hat property.

Two varieties of intrusive rocks were outlined. One unit is a granitic feldspar porphyry. The second is a suite of more mafic rocks which includes gabbro to granodiorite. The second group is outlined by a regional magnetic high and is associated with a stronger alteration halo.

An evaluation of the grid soil sampling carried out on the Hat claim group has outlined numerous gold and base metal anomalies.

A systematic evaluation of these anomalies by trenching is recommended. Two anomalous areas on map area 88+00E - 100+00E, NORTH are considered to be priority targets.

Respectfully submitted,

Uwe Schmidt, B.Sc., F.G.A.C.

2. INTRODUCTION

In May, 1987 Northwest Geological Consulting Ltd. was commissioned by Big Valley Resources Inc. to carry out a grid geochemical soil sampling and mapping program on the companies' Hat property in Fort St. James area of B.C.

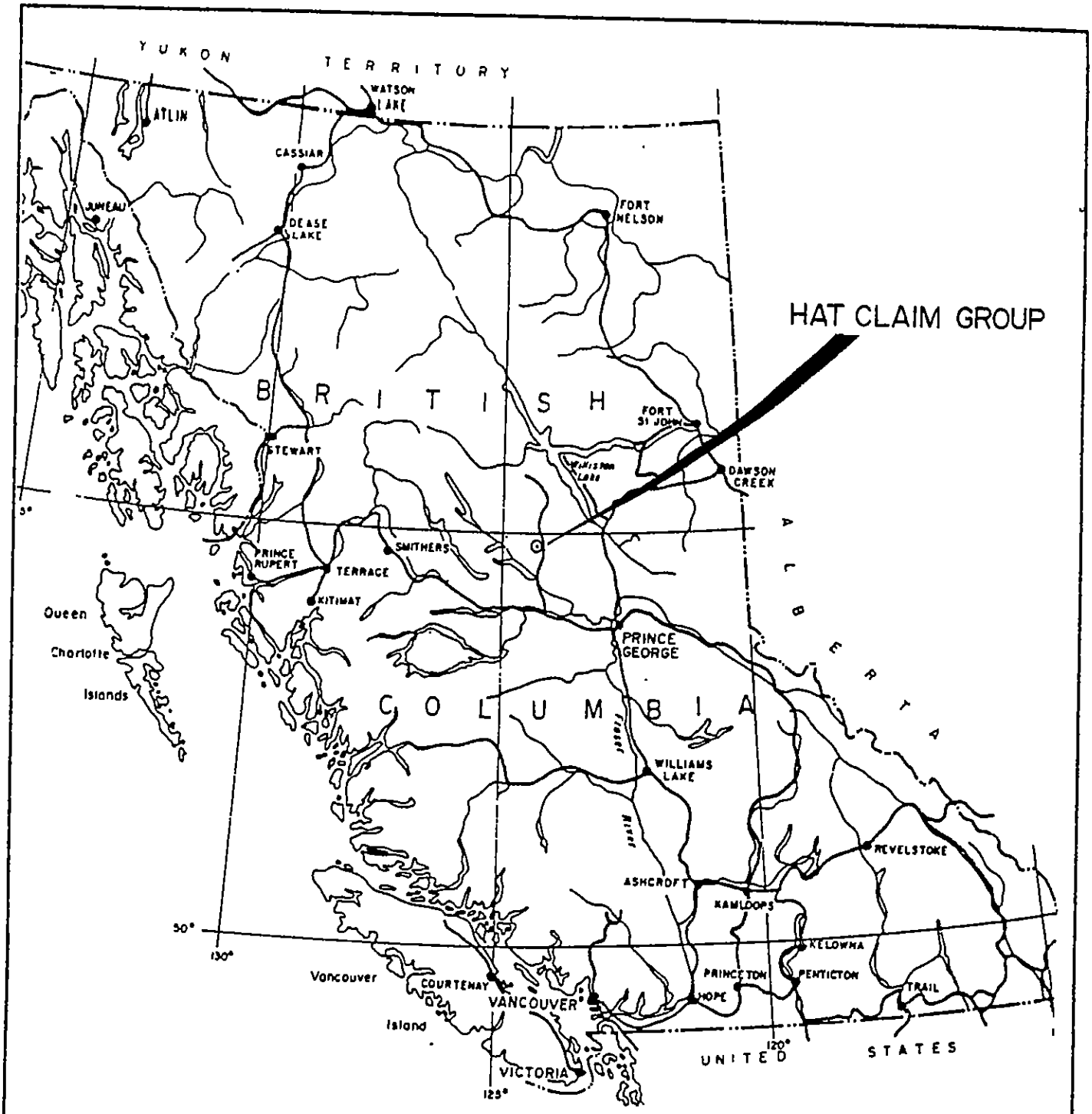
During the period from May 20 to Sept. 26, 1986 , a field crew headed by geologist W.H. Halleran, carried out this program. He was assisted by geologist A.A. Halleran and field assistants R.Clark, R. Chan, L. Halleran, J. Lambert, D. Lister, S. Sather, F. Smith and S. Williams. U. Schmidt acted as project manager and also carried out field work at intervals during the same period.

A program of line-cutting, grid soil sampling and geological mapping was completed over an area of 1,275 hectares or 3,150 acres. This included 11.6 km of base-line ,11.7 km of tie-line cutting and more than 105 km of flagged and blazed cross-lines. In total 2,094 soil samples were taken at sample intervals of 50 m, along east-west lines, spaced at 100 m intervals.

3. PROPERTY, LOCATION AND ACCESS

The Hat claim group consists of 4 mineral claims totalling 80 units and having an area of 2,000 hectares (4,942 acres). The claims are located 42 km. north of Ft. St. James, B.C. in the Omineca Mining Division.

The property was staked by A.D. Halleran, A.A. Halleran and U. Schmidt. Big Valley Resources Inc. and Casamiro Resource Corp. jointly have an option to acquire a 100% interest in the claims. In 1987, Big Valley Resources Inc. contributed 100 % of the

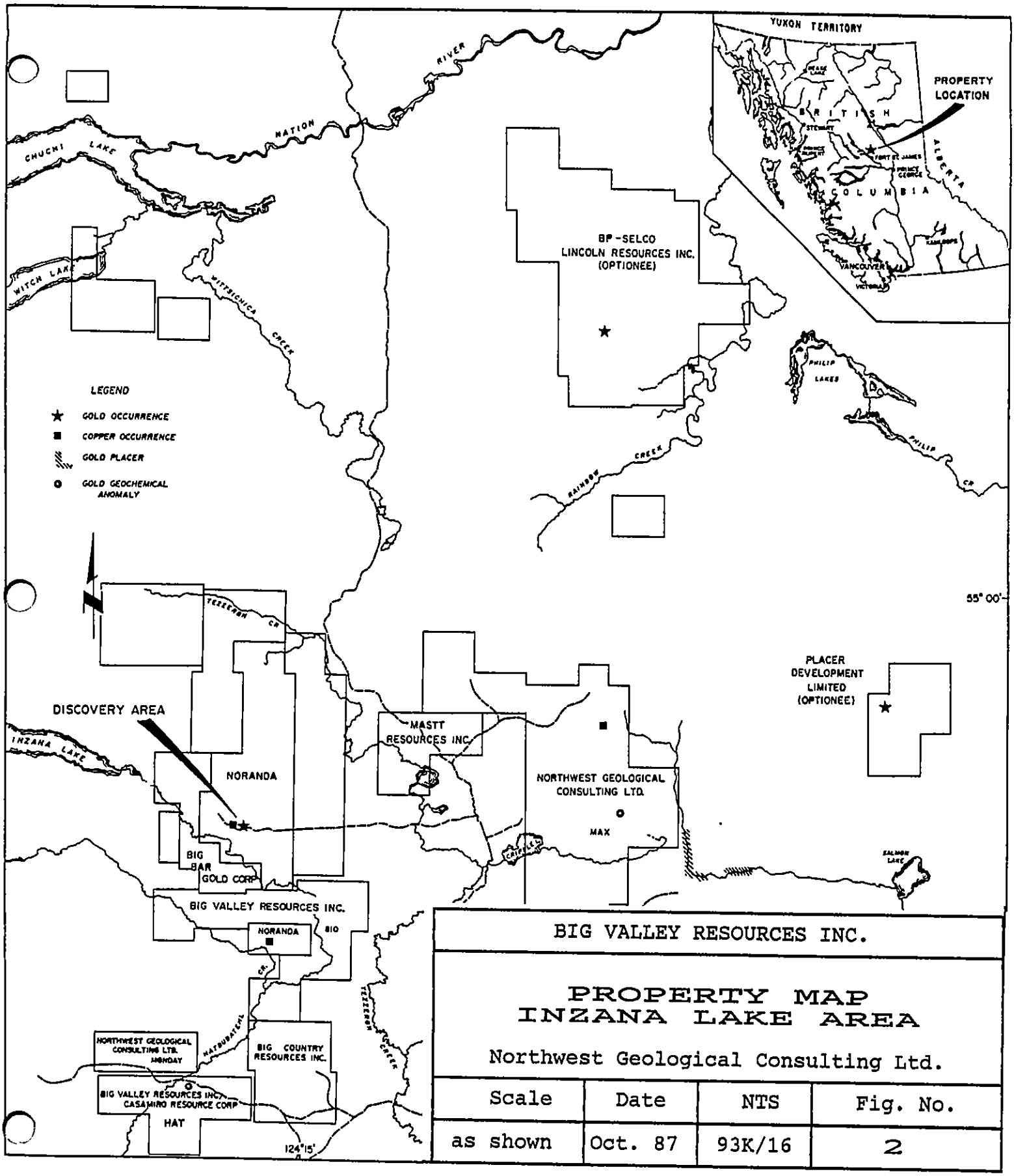


BIG VALLEY RESOURCES INC.

LOCATION
HAT CLAIM GROUP

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:7000000	Oct. 87	93K/16	1



BIG VALLEY RESOURCES INC.

PROPERTY MAP
INZANA LAKE AREA

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
as shown	Oct. 87	93K/16	2

exploration funding.

The property is located on NTS map sheet 93K/16 and the geographic coordinates of the approximate centre of the property are 54° 46'N. latitude and 124° 22' W. longitude.

The details of the claims are as follows:

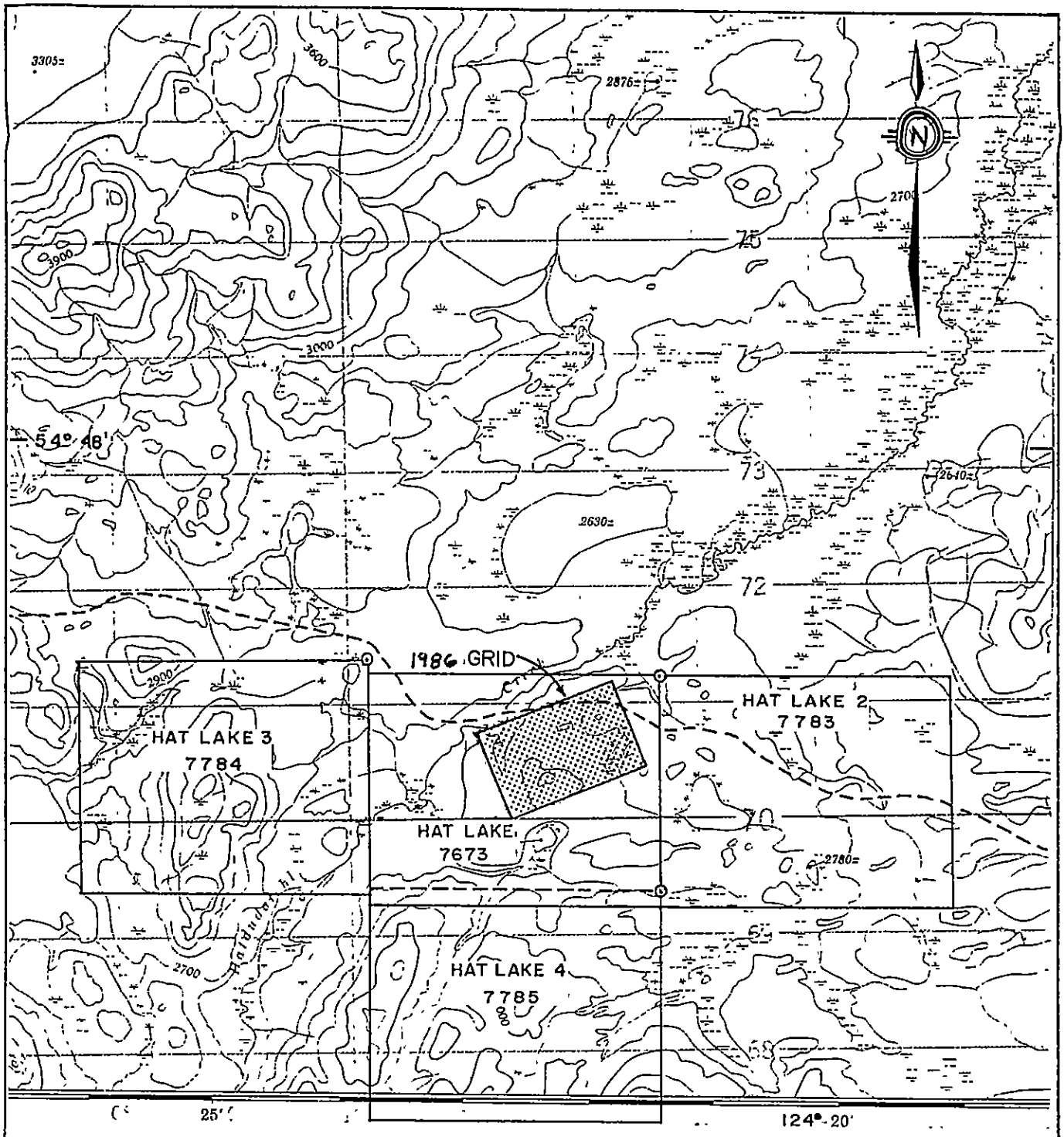
CLAIM NAME	NO.OF UNITS	RECORD NO.	RECORDING DATE
Hat Lake	20	7673	July 7,1986
Hat Lake 2	20	7783	Aug. 14,1986
Hat Lake 3	20	7784	Aug. 14,1986
Hat Lake 4	20	7785	Aug. 14,1986
Total	80		

The property is accessible by 2-wheel drive vehicle from Fort St. James, via the Manson Creek - Germansen Landing road. A well maintained logging road, Germansen-Hat F.S. road, connects the Manson Creek road to the property. This road crosses the claims in an east-west direction. Additional access is provided by numerous subsidiary logging roads and skid trails.

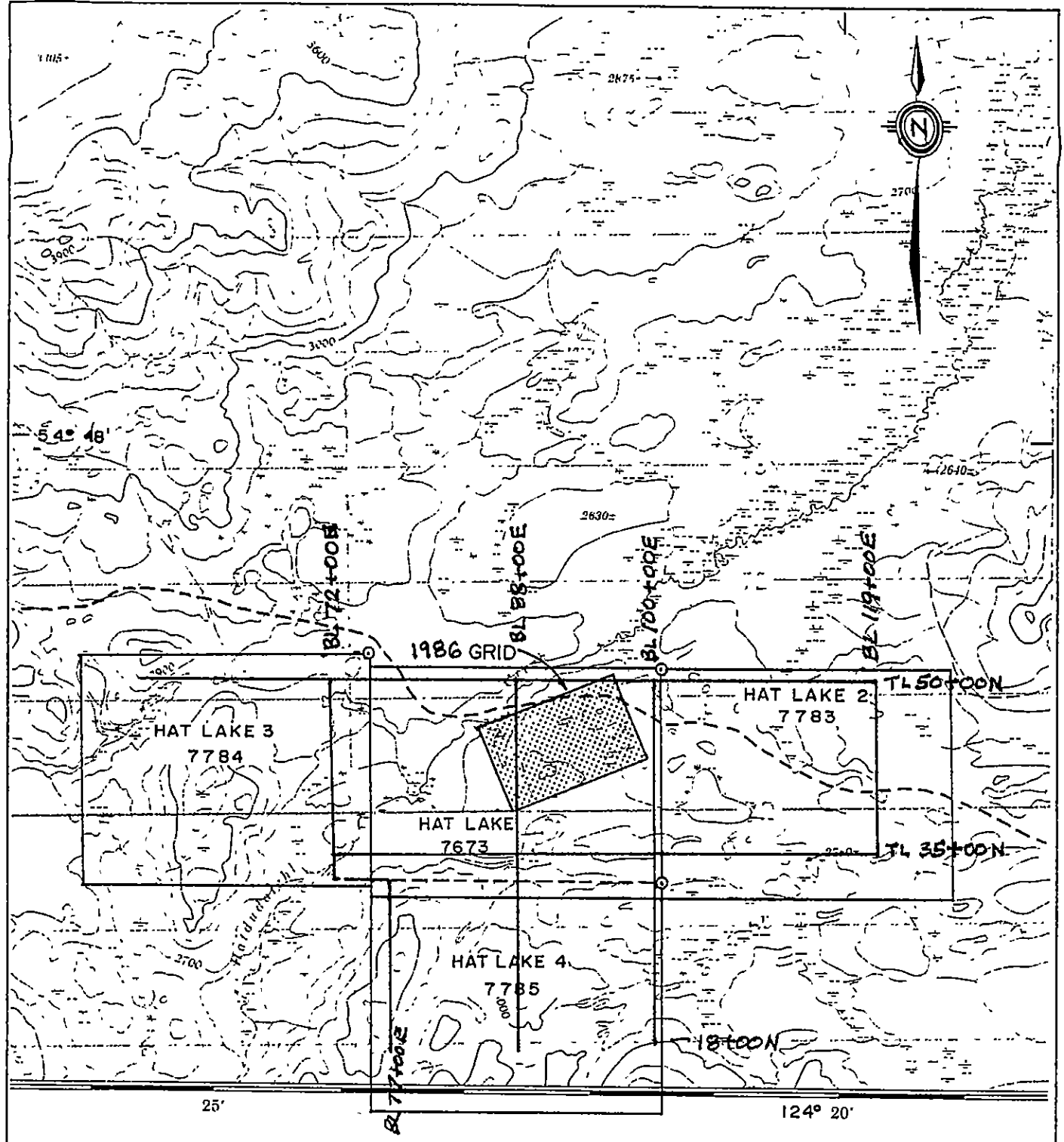
The claim locations shown on fig. 4 are based on a field survey.

4. PHYSIOGRAPHY

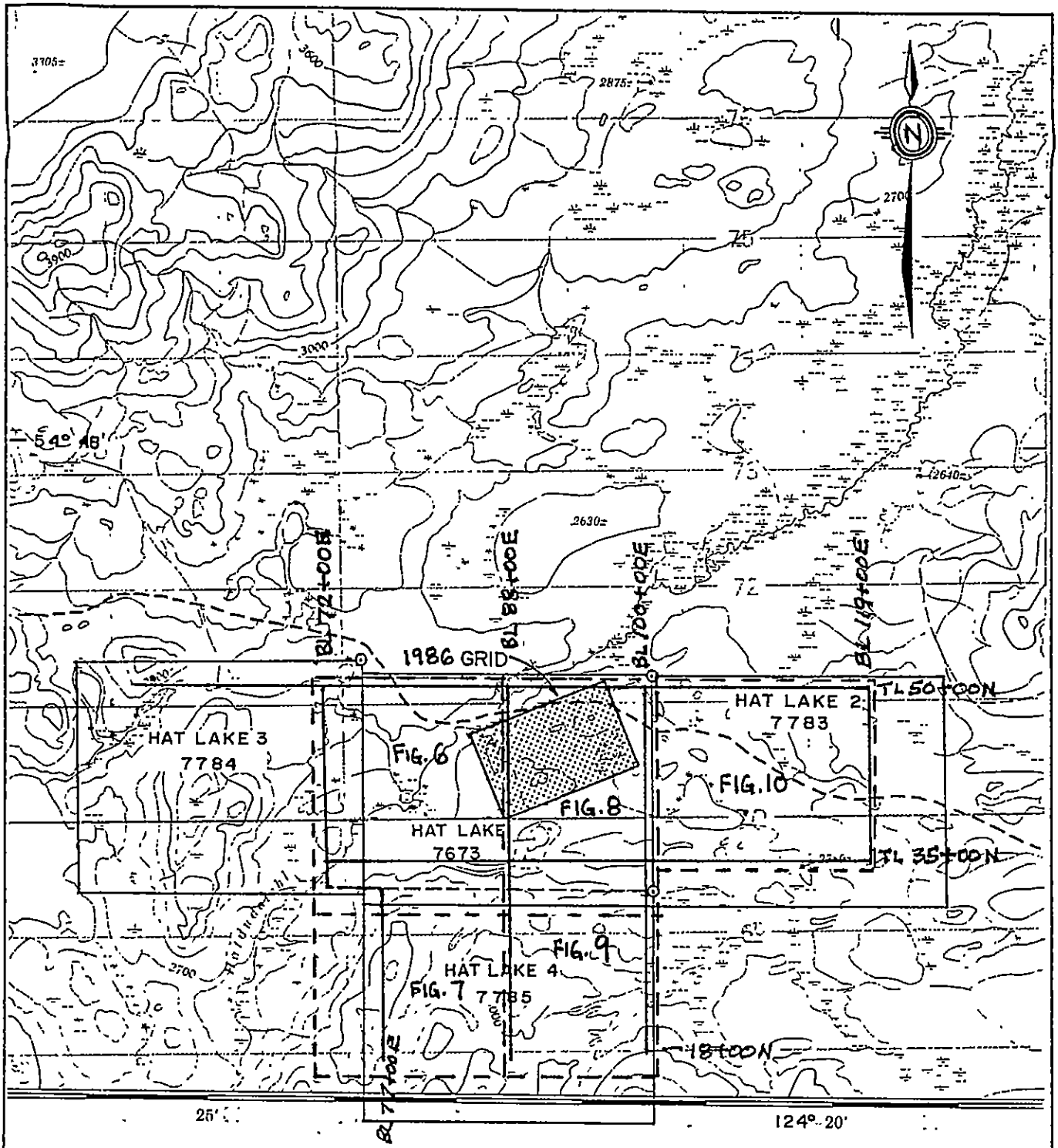
The property is located near the northern boundary of the Fraser Basin, a sub-division of the Interior Plateau. On a large scale the Fraser Basin is characterized by low relief with flat to rolling surfaces which for the most part lie below elevation of



BIG VALLEY RESOURCES INC.			
CLAIM MAP HAT CLAIM GROUP Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Fig. No.
1:50,000	Oct. 87	93K/16	3



BIG VALLEY RESOURCES INC.			
GRID LOCATION HAT CLAIM GROUP Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Fig. No.
1:50,000	Oct. 87	93K/16	4



BIG VALLEY RESOURCES INC.			
INDEX MAP HAT CLAIM GROUP Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Fig. No.
1:50,000	Oct. 87	93K/16	5

900 m. Few bedrock exposures occur in these predominantly drift covered areas. Glacial ice moved in a northeasterly direction in the vicinity of the property.

Elevations on the property range from 800 to 950 metres. Bedrock exposure is variable. Outcrop is generally limited to road cuts and certain areas along ridge tops.

Most of the valleys on the property trend in a northeast direction. This probably is caused by glacial action rather than underlying structure.

5. HISTORY

Previous mineral exploration in the area includes exploration for porphyry copper deposits in the late 1960's. Three aeromagnetic anomalies were staked during this period but assessment work was only filed on one of these. Here magnetic and EM anomalies were explored and drilled, without success.

In 1981, numerous airborne EM conductors in the vicinity of the property were staked and drilled by a subsidiary of B.P. Selco. All of these claims have since lapsed.

In 1984 A.D. Halleran and A.A. Halleran discovered a gold bearing copper showing north of the Hat property. The showing was staked as the Tas property and later optioned by Noranda Exploration Company Limited. During 1985 and 1986 Noranda completed geological mapping, geochemical soil sampling, induced polarization and magnetometer surveys. A small program of trenching and limited pionjar overburden sampling were also completed. Work to date by Noranda has outlined a very promising

10 metre wide, shear/contact zone which contains visible gold and assays up to 55 gm./T Au. High soil geochemical gold anomalies were outlined in 1986 and an additional gold zone was discovered by grid soil sampling. In 1987, Noranda acquired additional claims in the area and carried out a large diamond and percussion drilling program on the original Tas claims.

The Hat property was staked in July and August of 1986 in an area which is geologically similar to the Tas gold discovery. There is no record or evidence of any previous work on the Hat claim group.

In 1986, Northwest Geological Consulting Ltd. on behalf of Big Valley Resources Inc. and Casamiro Resource Corp. carried out a limited program of soil sampling and mapping on the Hat Lake claim over the period of Aug. 23 to 28, 1986.

The area surveyed was chosen because of its similarity to the Noranda gold discovery, on the Tas property.

This work outlined a 750 m by 150 m geochemical anomaly within altered Takla Group metasediments. Encouraged by this work, Big Valley Resources Inc. decided to expand the grid sampling and mapping over the remaining area.

6. REGIONAL GEOLOGY

The property is underlain by Upper Triassic to Lower Jurassic metasedimentary and volcanic rocks of the Takla Group. These lithologies lie within Quesnel Trough, a sub-division of the Intermontane tectonic belt. This narrow belt of sedimentary and volcanic rocks has been traced southward to beyond the

international border. To the south, the lower, Upper Triassic sequences have been assigned to the Nicola Group.

The trough is fault bounded on the west and east. To the west, Quesnel Trough lies in fault contact with Paleozoic rocks of the Pinchi Belt. To the east the boundary between the trough and Intermontane Belt is marked by a major shear zone. Large scale tectonic imbrication and mylonitization on both sides of the zone suggest an eastward thrusting of the Intermontane over the Omineca Belt (REES,1981).

Quesnel Trough was the site of extensive island-arc volcanic and sedimentary deposition from late Triassic to early Jurassic time. The base of Quesnel Trough is an Upper Triassic black argillite unit. This unit is exposed near the eastern margin of the trough where it commonly overlies ophiolitic rocks of the Slide Mountain Group. The basal black argillite is overlain by a series of augite porphyry flows, breccias and minor argillites. These rocks are overlain by a second sequence of argillites and volcaniclastic rocks of Upper Triassic to Lower Jurassic age. Sub-aerial volcaniclastics in the geologic record indicate that volcanic centres in the trough emerged in early Jurassic time. This is postulated to have occurred in conjunction with the rise and deformation of Omineca Crystalline Belt rocks to the east.

Block faulting and tilting are the dominant structural styles in the belt. Faults trend in a northwest and northeast direction. Folding is restricted to the eastern margin of the belt near its structural boundary with the Omineca Crystalline Belt.

Two major episodes of granitic intrusion are recognized along a northwest trending belt slightly oblique to Quesnel Trough. The intrusive events cluster around 200 and 100 million year ages.

Gold and copper-gold deposits have an affinity for 200 million year old alkalic plutons and Triassic-Jurassic volcanic rocks. Molybdenum deposits on the other hand are associated with the 100 million year intrusive event.

7. ECONOMIC GEOLOGY

A common exploration target in Quesnel Trough has been the copper-gold association found in the alkalic porphyry copper environment. The Cariboo-Bell Cu-Au deposit near Likely, is an example of this environment.

Two copper gold occurrences of this type are known within the area. One is the Tas property, located 13 km north of the property. The second is the Mnt. Milligan property located 28 km north-northeast of the property. In both cases copper mineralization is associated with alkalic porphyritic intrusions. These syenitic intrusions stand out as magnetic highs on government aeromagnetic maps.

In 1985, Noranda discovered a 10 metre wide gold bearing shear/contact zone on the Tas property. Further exploration revealed an additional gold showing and several areas which are gold rather than copper-gold targets.

Gold discoveries on the Tas property led to the exploration and subsequent staking of the Hat property, which covers the

northern edge of a similar aeromagnetic anomaly and geologic environment.

8. PROPERTY GEOLOGY

The property and surrounding area are underlain by the Upper Triassic and later Takla Group (Armstrong, 1948). The Takla group comprises metasedimentary and volcanic rocks. These are intruded by Upper Jurassic or Lower Cretaceous "Omineca Intrusions." A variety of intrusive types, including: granodiorite, diorite, granite, syenite, gabbro and pyroxenite are grouped into this unit. Elsewhere in Quesnel Trough, syenitic intrusions are assigned a Lower Jurassic age and represent intrusive equivalents of late Takla volcanism.

Mapping on the 1986 grid by geologist Leo Lindinger, indicated that the area is predominantly underlain by metamorphosed sedimentary rocks of the Takla Group. Grey to black greywacke, mudstone and possible tuffaceous varieties were assigned to unit 6a, based on regional mapping by J.E. Armstrong of the G.S.C.

Intrusive rocks on the 1986 grid are limited to dykes of medium to coarse grained gabbro. These occur near the western limit of the grid. Extensive alteration found on the west end of the grid suggested the presence of a larger intrusive body nearby.

The expanded 1987 grid was mapped by geologists W.H. Halleran and A.A. Halleran. Their mapping adopted the unit classification of Smithers-Fort St.James map area, compiled by H.M. Rice (Map 971A, 1949). In this compilation the Triassic and Jurassic Takla

Group is assigned to unit 9. The Jurassic or Cretaceous intrusive rocks are separated from host stratigraphy and assigned to unit 3.

An exposure on the Germansen-Hat road was used as a typical section for the Takla Group underlying the property. Going up section, there is a dark green andesite overlain by bimodal, polymictic, matrix supported conglomerate. The 1 to 5 metre thick conglomerate grades abruptly into greywacke. The greywacke is overlain in sharp contact by siltstone. The siltstone grades, upwardly into mudstone, by an increase of mudstone interbeds. The mudstone is gradationally overlain by black argillite interbedded with chert.

The whole sequence occurs in a 25 m section . In other localities some units may be missing or repeated out of sequence. The most common outcrops on the property are the andesites, greywackes, and mudstones. This may be caused by their resistance to weathering rather than relative abundance. Some of the argillites are tuffaceous and /or calcareous . Volcanic derived sedimentary rocks are often indistinguishable from their related volcanic rocks. This is especially true for varieties such as andesites and greywackes.

Two suites of intrusive rocks are recognized on the property. An elongated plug of diorite to granodiorite occurs in the centre of the property. This unit is thought to be of Jurassic age and was assigned to Rice's unit 3. This equigranular, medium to coarse grained intrusion trends in a northwest direction, coincident with the regional magnetic high. Hand specimens of this unit are very magnetic.

Dykes of gabbro and diorite extend from the plug for short distances into hornfelsed Takla host rocks. A biotite schist unit is mappable on the northeast side of the intrusion , within a metamorphic halo which extends up to 50 metres from the plug. Gabbro dykes mapped on the 1986 grid, belong to this unit.

The second suite of intrusive rocks occurs on the southern Hat Lake 4 claim. Here, Takla Group is intruded by plugs of porphyritc granite to rhyolite. The granite is composed of pink and white feldspar phenocrysts, clear quartz, biotite, hornblende, greenish brown pyroxene and accessory magnetite in a cream to grey coloured aphanitic matrix. Feldspars commonly range up to 3 cm in length. Quartz phenocrysts are commonly 0.5 cm in diameter.Quartz and all mafics make up about 10 % each of this unit. Faint banding is occasionally observed in the matrix.

The two main intrusive bodies of this unit are centred on base lines 77+00E and 88+00E. The granitic unit appears to selectively hornfels the greywacke, siltstone, mudstone and argillite sub-units. Andesite and one outcrop of augite porphyry basalt lie in contact with the granite without alteration. The granite has been tentatively placed in the Eocene or Oligocene unit 22, based on Memoir 252 and geological map 971 A.

Similar felsic dykes are found on Hat Lake 3 and north of Hat Lake claim.

9. GEOCHEMISTRY

The expanded Hat soil grid covers the Hat Lake, Hat Lake 2 and Hat Lake 4 claims. A narrow portion of the east side of Hat

Lake 3 is also covered by the western limit of the grid. This report presents data collected from the centre of the grid, between base lines 88E and 100E. This portion of the grid covers the eastern halves of Hat Lake and Hat Lake 4 claims. A later report will present all the remaining data including the geological mapping.

Clear cut, north trending, base-lines were established at 72+00 E, 77+00 E, 88+00 E, 100+00 E and 119+00 E. Stations are marked with pickets at 50 m intervals. East-west tie-lines were established in a similar manner at 35+00 N and 50+00 N. Cross-lines were blazed and flagged using compass and "hip-chain" for survey control. Cross-lines were at a 100 m spacing and stations and sample sites were marked on flagging tape, at 50 m intervals.

In total 2,094 samples were collected and analyzed. Samples of B horizon soils were collected whenever possible. In a few locations samples could not be taken because of outcrop or swampy conditions.

Samples were analyzed by Acme Analytical Laboratories Ltd. of Vancouver. The analysis included Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As and Au. The first 10 elements were analyzed by Inductively Coupled Argon Plasma (ICP) methods and are reported in PPM (Fe in %). Gold was analyzed by Atomic Absorption using a 10 gm sample. Gold results are reported in PPB and have a detection limit of 1 PPB.

A basic statistical analysis of the data was carried out. Basic statistics are reported in appendix C. Graphs were used in

conjunction with the statistical data to determine background and anomalous populations. This "threshold" was generally used as the lowest contour in the interpreted data presentation. Higher contour intervals were chosen to best present the distribution of anomalous values.

The geochemistry is presented at a scale of 1:2,500 on figures 6b to 10g. Sample locations, 6 element plot and contoured versions of the data are presented for Cu, Zn, Ag, As and Au.

Sample certificates are appended to this report. The following is a summary of anomalous areas:

(Fig. 6) 72+00E to 88+00E, NORTH

Au

More than 10 spot highs occur in the range of 9 to 48 PPB. The anomaly is open to the east.

43+00N - 87+50 E

A 150 by 200 metre area ranges from 9 to 48 PPB and is open to the east.

Cu

Spot Cu anomalies correlate with Ag but may be displaced from Zn anomalies.

43+00N - 87+50E

A 100 by 100 metre area and a spot high in Cu up to 425 PPM occur at this location. Copper coincides with Au and Zn

anomalies.

Zn

41+00N - 88+00E

A spot high of 400 PPM Zn is located at this site.

44+00N - 88+00E

A 300 PPM spot high is roughly coincident with Au and low Ag anomalies.

Ag

Spot anomalies of Ag up to 1.0 PPM occur in the northwest corner of the map area.

(Fig.7) 72+00E to 88+00E, SOUTH

Au

Numerous spot highs up to 177 PPB in this map area.

There is a good correlation with Cu and Ag anomalies, but not with Zn.

Ag

A 600 by 200 metre , narrow, sinuous anomaly ranges from 0.6 to 3.7 PPM Ag. The anomaly peaks are at 26+00N - 83+50E, 28+00N -86+50E and 30+00N - 86+50E. Spot Cu highs correlate with highest silver values.

27+00N - 87+50E

A weak silver anomaly ranges from 0.6 to 1.6 PPM.

26+00 - 87+50E

A 50 by 100 metre area has analyses up to 2.5 PPM Ag.

As

A 50 by 150 metre As anomaly up to 65 PPM coincides with Ag anomaly.

Cu

27+00N - 81+00E

A 50 by 300 metre anomaly ranges up to 120 PPM and coincides with an Ag anomaly.

A single Cu anomaly, coincident with Ag, occurs at 26+00N - 87+50 E.

There are also numerous other point anomalies which coincide with single point Ag anomalies.

Zn

Numerous large Zn anomalies up to 890 PPM occur in this map area. Most of the Zn anomalies form a larger halo around other metal anomalies.

21+00N _ 85+00E to 19+00N - 88+00E

A 400 by 400 metre open ended anomaly has values greater than 400 PPM. Weak spot highs of Cu, Ag and Au occur within this anomaly.

21+00N to 27+00N - 78+00E

A 100 by 1000 metre anomaly has analyses in the 200 to 400 ppm range with highs to 890 PPM. A spot high of 3.3 PPM Ag is associated with this anomaly.

24+00N - 84+00E

A 75 by 350 metre anomaly ranges from 200 to 795 PPM. The northern end is associated with Ag and Cu anomalies.

26+00N - 87+50 E

A 50 by 100 metre anomaly coincides with a Cu, Ag anomaly and is open to the east.

(Fig. 8) 88+00E - 100+00E, NORTH

Ag, Cu and weak Au, Zn

29+00N to 31+00N, 96+00E to 100+00E

A 350 by 350 metre Ag anomaly ranges from 0.6 to 2.3 PPM. Weak Cu anomalies, ranging from 60 to 120 PPM occur within the Ag anomaly. There are also spot highs of Au and Zn within this anomaly.

Zn, weak Cu

39+00N - 88+50 E

Analyses range from 200 to 480 PPM. A 50 by 200 metre Cu anomaly ranging from 60 to 120 PPM coincides with it.

Ag, Zn, Cu, Au

48+00N - 91+50E to 50+00N - 93+00E

A 100 by 200 metre Ag Anomaly up to 1.5 PPM Ag, 414 PPM Zn

and 90 PPM Cu is open to the north.

Au, weak Cu, Zn, Ag

46+00N to 48++00N, 96+00E to 97+00E

A 200 by 300 metre Au anomaly ,ranging from 6 to 27 PPB Au is accompanied by Ag, Cu,and Zn.

(Fig. 9) 88+00E - 100+00E, SOUTH

A spot high of 198 PPB Au occurs at 26+00N - 98+50E.

Numerous multi-element spot highs occur in the map area.

10. Conclusions

A preliminary evaluation of the grid soil sampling carried out on the Hat claim group has outlined several gold and base metal anomalies. Isolated geochemical analyses on the Hat grid may be a reflection of deep overburden.

There is an encouraging grouping of base and precious metals analyses in map area 88+00E - 100+00E, NORTH.

11. REFERENCES

ARMSTRONG, J.E. (1948): Map 907a, Fort St. James, 1 in. to 6 miles, G.S.C.

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CAMPBELL,R.B. AND TIPPER, H.W. (1970): Geology and Mineral Exploration Potential of Quesnel Trough, B.C. CIM Bulletin Vol 63 pp 785-790.

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SALEKEN,L.W. and SIMPSON,R.G.(1984): Cariboo-Quesnel Gold Belt: A geological overview, Western Miner, April, 1984

SCHMIDT,U. (1987): Report on Geochemistry and Geological Mapping of the Hat Grid, Hat Claim Group, Jan. 15,1987 filed for assessment credit

STRUIK, L.C.(1981): A re-examination of the type area of the Devono-Mississippian Cariboo Orogeny, central B.C., Can. Jour. Earth Sci. vol. 18 no. 12.

WARNER, L. (1985): Report on Soil Geochemical Survey, TAS 1, Assessment Report No. 13,979

12. Statement of Expenditure

I) FIELD COSTS

1) LABOUR

U. Schmidt (Project Manager) May 11,15,19-27,30
Jun. 1,2(1/2),5,9,10,11(1/2),12,15,16,23(1/2),26(1/2),30
July 7 (1/2), Sept. 26
23.5 days at $300/day.....$ 7,050.00

W. Halleran (Project Geologist) May 11-15, 19-31, Jun.1-30
July 1-8, Sept. 12-14, 16,17, 26,27
63 days at $250/day.....$15,750.00

A. Halleran (Geologist) May 20-31, Jun.1-30, July 1-8
Sept.26,27
52 days at $200/day.....$10,400.00

D. Lister (Field Assistant) May 21- 27

R. Clark (Field Assistant) May 23- 27
5 days at $145/day.....$ 725.00

R. Chan (Field Assistant) May 22-31, Jun.1-30, July 1-8
Aug. 21
49 days at $145/day.....$ 7,105.00

F. Smith (Field Assistant) May 22-31, Jun.1-30, July 1-8
48 days at $145/day.....$ 6,960.00

J. Lambert (Field Assistant) May 26-31, Jun.1-30, July 1-8
Aug. 21
45 days at $145/day.....$ 6,525.00

S. Sather (Field Assistant) May 26-31, Jun.1-30, July 1-8
Aug. 21
45 days at $145/day.....$ 6,525.00

S. Williams (Field Assistant) Jun. 9-30, July 1-8, Aug. 21
31 days at $145/day.....$ 4,495.00

L. Halleran (Field Assistant) Jun. 6-30, July 1-8
33 days at $145/day.....$ 4,785.00

$71,335.00

2) ROOM & BOARD.....$ 9,155.01

3) TRANSPORTATION

1 Suburban 4x4
57 days @ $55/day.....$ 3,135.00

1 Chevrolet 4x4 pickup with canopy
53 days @ $55/day.....$ 2,915.00

1 Ford pickup with canopy
13 days @ $25/day.....$ 325.00

$ 6,375.00

Gas, Airfare, Bus Fare & Shipping $ 2,957.22

$ 9,332.22

$ 9,332.22

4) CONSUMABLES AND FIELD SUPPLIES.....$ 5,989.60

5) EQUIPMENT RENTAL.....$ 1,350.00

6) GEOCHEMICAL ANALYSIS AND ASSAY

2,094 soil geochem at $10.25 =.....$21,463.50

II. OFFICE COSTS

1) Data interpretation, plotting and report writing

U. Schmidt (Project Manager) Sept. 27-Oct.5
9 days at $300/day.....$ 2,700.00

W. Halleran (Project Geologist) Sept. 28-Oct.5
8 days at $250/day.....$ 2,000.00

A. Halleran (Geologist) Sept. 28-Oct.5
8 days at $200/day.....$ 1,600.00

$ 6,300.00

$ 6,300.00

2) Map Reproduction & Photocopying
& Communication.....$ 508.00

TOTAL $125,433.33

STATEMENT OF QUALIFICATIONS

I,Uwe Schmidt ,of 656 Foresthill Place, Port Moody, B.C. do hereby declare:

(1) I am a consulting geologist and controlling shareholder of Northwest Geological Consulting Ltd.

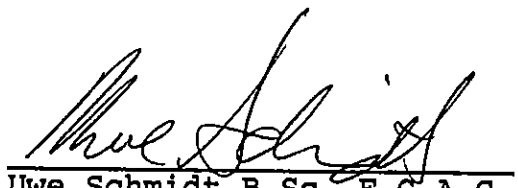
(2) I am a 1971 graduate of the University of British Columbia with a B.Sc. degree in Geology.

(3) I am a Fellow of the Geological Association of Canada.

(4) I have practised my profession continuously since graduation.

(5) I have managed various mineral exploration projects in the Yukon Territory, B.C., and Ontario over the past 15 years.

(6) This report is based on my field examination of the property, and a study of available published and unpublished reports.



Uwe Schmidt,B.Sc.,F.G.A.C.

November 11, 1987
Port Moody, B.C

E ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 25[illegible]11

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 0 1987 DATE REPORT MAILED: Aug 18/87 ASSAYER D. Toye...DEAN TOYE, CERTIFIED B.C. ASSAYER

BIG VALLEY RESOURCES PROJECT-128 File # 87-3110 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000001	1	17	13	82	.1	30	8	267	2.35	3	1
000002	1	45	20	172	.5	46	13	611	3.66	7	1
000003	1	8	8	114	.1	20	6	292	1.95	2	1
000004	1	41	20	339	.4	37	18	1725	4.11	3	1
000005	1	49	13	121	.2	35	21	1080	4.07	7	1
000006	1	44	17	69	.1	52	14	358	3.04	2	1
000007	1	11	13	111	.1	23	8	430	2.20	2	1
000008	1	22	9	79	.1	43	9	305	2.71	6	1
000009	1	11	10	84	.2	21	10	549	2.15	2	5
000010	1	11	11	125	.1	20	8	256	1.95	2	1
000011	1	19	4	112	.1	27	9	488	2.56	4	1
000012	1	12	16	94	.1	26	8	301	2.38	3	1
000013	1	43	21	145	.3	46	15	1109	4.12	11	1
000014	1	43	11	101	.1	46	10	443	3.21	3	2
000015	1	34	16	96	.1	37	10	439	2.84	2	1
000016	1	44	11	102	.1	48	12	416	3.38	8	1
000017	16	93	13	247	1.4	165	52	32664	7.64	24	1
000018	1	23	17	94	.1	32	10	551	2.66	3	1
000019	1	11	21	91	.1	20	6	361	1.83	3	1
000020	1	20	15	107	.1	32	8	372	2.25	3	1
000021	4	47	8	137	.2	25	8	406	3.50	2	1
000022	1	18	10	193	.4	40	9	340	3.37	7	1
000023	1	20	17	96	.2	38	10	448	2.89	6	28
000024	11	57	22	115	.4	47	17	824	4.61	39	24
000025	1	124	12	251	.1	49	25	751	6.49	32	1
000026	1	38	12	129	.2	34	14	510	3.42	14	1
000027	2	15	8	65	.1	17	4	1705	.80	2	1
000028	1	8	11	66	.1	11	4	186	1.49	2	2
000029	1	20	12	174	.3	37	11	650	3.49	5	1
000030	1	99	20	148	.8	77	15	788	4.89	17	1
000031	1	18	13	96	.3	40	11	317	2.82	7	1
000032	1	13	10	193	.7	30	10	504	2.75	3	1
000033	1	42	15	101	.3	43	12	633	3.28	9	1
000034	1	23	14	99	.1	38	10	478	2.75	6	1
000035	1	20	13	122	.1	32	10	383	2.81	2	1
STD C/AU-S	19	63	41	133	7.2	73	29	1037	4.03	39	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000046	1	39	13	148	.2	33	12	628	3.20	15	2
000047	1	25	14	128	.2	31	11	487	2.82	11	2
000048	1	34	16	87	.1	39	13	370	3.63	10	1
000049	1	19	11	145	.2	24	8	303	2.32	6	1
000050	1	26	11	123	.1	32	11	439	2.61	7	1
000051	1	48	15	126	.2	43	14	710	3.45	15	1
000052	1	16	11	165	.1	19	9	702	2.08	8	1
000053	1	33	12	97	.1	32	10	501	2.91	7	2
000054	1	28	13	108	.1	27	9	240	3.11	11	1
000055	1	62	19	83	.1	41	14	554	3.79	16	3
000056	1	12	16	107	.1	16	7	295	1.95	6	1
000057	1	30	12	104	.4	22	11	362	4.15	15	1
000058	1	22	22	237	.2	22	10	550	4.19	7	1
000059	1	57	13	182	.2	46	13	559	4.12	20	1
000060	1	58	18	271	.4	31	13	597	4.18	19	3
000061	1	14	7	43	.1	13	5	354	1.67	6	2
000062	1	11	11	58	.1	12	4	299	1.47	3	1
000063	1	15	12	74	.1	22	7	249	2.39	6	2
000064	1	13	13	94	.1	20	7	247	2.00	7	1
000065	1	16	4	78	.1	24	6	317	2.05	5	1
000066	1	13	12	74	.1	19	6	208	2.20	5	1
000211	1	16	10	84	.1	25	6	174	2.03	3	1
000212	1	20	8	61	.1	25	5	210	2.04	7	1
000213	1	14	14	72	.1	26	5	197	1.96	5	1
000214	1	14	13	121	.1	20	5	145	1.76	4	1
000215	1	15	12	80	.1	26	6	205	2.07	6	1
000216	1	13	9	78	.1	22	5	194	1.81	2	3
000217	1	15	11	95	.1	30	6	282	2.38	5	1
000218	1	10	12	83	.1	16	5	333	1.84	3	5
000219	1	10	12	45	.1	20	6	214	2.29	7	3
000220	1	34	13	80	.1	65	15	1510	4.37	20	2
000221	1	34	15	78	.1	40	7	535	2.59	9	3
000222	1	25	12	83	.2	31	7	255	2.38	6	2
000223	1	27	10	93	.1	34	9	352	2.57	8	1
000224	1	48	14	270	.1	42	18	1441	4.28	14	1
000225	2	34	14	345	.2	46	15	1453	3.45	11	1
STD C/AU-S	17	57	40	132	7.1	68	29	933	3.95	41	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000226	1	27	6	181	.1	21	19	573	4.89	9	1
000227	1	46	10	175	.1	29	23	582	5.83	3	1
000228	1	42	12	87	.1	31	11	347	3.19	11	1
000229	1	28	12	135	.1	30	12	380	3.39	7	2
000230	1	17	10	104	.1	19	6	287	1.93	2	1
000231	1	31	14	120	.1	34	10	517	2.82	6	5
000326	1	30	14	137	.3	29	9	352	2.61	7	3
000327	1	33	15	101	.1	43	10	391	3.13	8	3
000328	1	18	4	110	.1	26	7	217	2.19	4	1
000329	1	14	14	106	.1	22	7	267	2.19	5	1
000330	1	32	6	100	.1	35	9	313	2.97	5	4
000331	1	29	12	54	.1	36	8	116	1.74	7	1
000332	1	9	8	59	.1	16	5	274	1.59	2	1
000333	1	15	12	92	.1	23	7	286	2.06	2	1
000334	1	16	12	93	.1	18	8	555	2.01	2	1
000335	1	16	8	75	.1	29	6	328	2.07	3	1
000336	1	19	14	189	.1	47	12	428	3.32	10	1
000337	1	23	15	201	.1	36	13	511	4.07	19	1
000338	1	14	10	102	.1	27	7	270	2.26	6	1
000339	1	12	17	107	.1	30	8	242	2.64	4	2
000387	1	20	15	113	.2	33	9	224	3.15	7	1
000388	1	28	8	115	.1	31	10	473	2.77	7	1
000389	1	20	11	151	.1	26	10	582	2.69	7	2
000390	1	17	14	139	.2	27	10	306	2.97	8	1
000391	1	30	10	83	.1	31	11	395	2.96	7	1
000392	2	77	17	222	.1	37	16	593	5.20	17	2
000393	1	17	10	128	.3	29	9	222	2.79	7	1
000394	1	49	9	173	.1	30	15	395	4.09	8	1
000395	1	60	20	418	.2	30	17	569	5.02	8	1
000396	1	7	6	80	.1	10	4	139	1.54	2	1
000397	1	34	12	419	.2	41	17	955	4.07	7	2
000398	1	68	14	125	.1	29	17	420	5.02	3	1
000399	1	69	17	237	.1	24	19	808	4.50	6	2
000400	1	16	10	142	.1	26	11	593	2.84	6	1
000419	1	26	14	118	.1	27	10	520	3.04	8	7
000420	1	33	11	85	.1	27	9	390	2.96	8	12
STD C/AU-S	17	57	37	132	7.1	67	28	910	3.95	36	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000421	1	20	12	94	.1	28	6	224	2.42	5	3
000422	1	14	11	88	.1	29	7	279	2.28	2	1
000423	1	35	16	111	.1	31	10	427	3.17	13	5
000424	1	16	10	109	.1	23	6	289	2.33	4	1
000425	1	32	8	120	.2	37	9	297	3.78	13	4
000426	1	28	17	90	.1	30	9	369	2.86	10	3
000427	1	36	13	84	.2	36	11	359	3.34	11	2
000486	1	8	5	48	.1	21	4	141	1.49	2	1
000487	1	15	9	52	.2	28	5	176	1.82	6	1
000488	1	16	8	64	.1	24	5	212	1.95	4	1
000489	1	17	11	65	.1	27	6	237	2.13	6	1
000490	1	15	14	54	.1	38	7	212	2.26	5	1
000491	1	8	10	52	.1	22	3	123	1.41	2	1
000492	1	20	11	85	.1	38	8	252	2.63	5	1
STD C/AU-S	19	57	40	134	7.2	69	29	919	4.09	39	47
000493	1	14	10	43	.1	23	5	208	1.89	3	3
000494	1	14	11	53	.1	27	5	196	1.88	3	1
000495	1	15	5	54	.1	27	5	223	2.00	2	1
000496	1	17	11	56	.1	24	5	185	2.12	6	1
000497	1	10	12	53	.1	19	4	121	1.48	3	1
000498	1	14	14	40	.1	27	6	202	1.77	2	2
000499	1	15	9	45	.1	26	5	187	1.72	4	2
000500	1	14	14	55	.1	24	6	185	1.64	3	3
000554	1	16	12	112	.2	28	8	405	2.47	3	1
000555	1	4	8	41	.3	5	2	192	1.23	3	3
000556	1	12	11	76	.2	16	4	147	1.79	5	1
000557	2	55	19	118	.1	48	10	418	3.74	18	1
000558	1	14	11	78	.2	25	5	205	2.03	7	1
000559	1	10	10	131	.1	15	6	347	1.92	5	1
000560	2	49	17	99	.1	45	13	645	3.37	12	5
000561	2	29	20	107	.2	37	10	455	3.01	11	1
000648	1	52	13	128	.4	49	11	615	3.54	14	5
000649	1	44	17	130	.6	51	11	543	3.82	13	3
000650	1	48	15	133	.3	46	12	473	3.68	16	5
000651	1	26	11	85	.2	30	9	384	3.08	10	5
000652	1	25	12	122	.1	28	9	356	2.90	7	5
000653	1	26	11	92	.2	31	9	324	2.87	11	2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000654	1	19	11	120	.2	19	9	494	2.34	2	4
000655	1	42	14	88	.1	31	9	279	3.00	5	5
000656	1	37	12	89	.1	34	7	236	2.51	2	2
000657	1	35	17	76	.2	29	8	273	2.74	4	7
000658	1	21	12	76	.1	23	6	216	2.23	5	1
000659	1	13	15	126	.2	20	7	326	1.96	3	18
000660	1	17	12	76	.1	19	6	333	1.94	3	4
000661	1	32	17	84	.1	29	11	405	2.84	3	5
000662	1	75	18	89	.8	44	10	336	2.64	2	1
000841	1	198	21	198	1.6	154	24	1257	7.47	14	13
000842	1	30	16	99	.3	35	9	340	2.77	5	1
000843	2	33	17	152	.2	32	10	524	3.30	18	7
000844	1	35	14	84	.1	33	9	329	2.60	6	4
000845	1	28	15	90	.1	38	8	316	2.40	5	1
000846	1	18	16	113	.1	34	8	483	2.37	4	1
000847	1	24	11	92	.3	31	7	371	2.41	2	1
000848	1	32	21	75	.1	37	9	364	2.91	9	1
000849	1	17	14	83	.1	28	7	239	2.15	3	1
000901	1	14	12	170	.1	21	10	730	2.37	5	1
000902	1	15	13	119	.1	22	9	208	2.38	4	1
000903	1	15	12	92	.1	22	8	461	2.05	2	1
000904	1	22	14	130	.2	29	12	466	2.77	5	1
000905	1	30	16	98	.1	38	10	374	2.86	7	1
000906	1	24	16	77	.1	32	10	320	2.76	4	1
000907	1	32	12	104	.1	33	11	665	2.87	6	1
000908	1	21	10	76	.1	32	9	353	2.31	8	1
000909	1	39	18	129	.1	37	12	757	2.87	6	3
000910	1	21	16	109	.1	28	7	218	2.35	7	3
000911	1	24	11	89	.1	31	8	263	2.66	8	11
000912	1	33	16	64	.1	35	9	310	2.74	9	1
000913	1	18	13	117	.1	27	7	272	2.38	5	1
000914	1	24	20	68	.1	35	9	303	2.64	7	3
000915	1	28	19	145	.1	38	9	654	3.07	5	1
000916	1	20	15	86	.1	29	7	244	2.23	6	1
000917	1	28	16	89	.2	34	8	261	2.61	4	1
000918	1	30	17	72	.1	32	8	288	2.78	8	2
STD C/AU-S	17	60	42	132	7.2	70	29	940	3.97	36	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000919	1	20	12	63	.1	24	6	228	2.36	5	5
000920	1	26	21	87	.1	31	10	302	2.74	7	6
000921	1	13	14	71	.2	20	5	161	1.75	2	1
000922	1	7	12	105	.5	17	6	265	1.96	12	3
000923	1	17	10	113	.3	26	9	318	2.89	8	2
000924	1	47	20	158	.4	35	18	637	4.56	11	2
000925	1	20	8	98	.1	28	8	296	2.58	5	1
000926	1	30	18	84	.1	32	8	300	3.01	10	1
000927	1	14	11	73	.1	25	6	181	2.14	3	2
000928	1	17	14	95	.1	29	8	245	2.49	3	1
000929	1	13	9	84	.1	23	7	278	2.15	2	1
000930	1	14	10	77	.1	26	6	214	2.19	4	1
000931	1	43	19	108	.2	37	9	415	2.75	5	1
000932	1	27	13	97	.2	32	10	421	2.70	7	1
STD C/AU-S	17	59	40	140	7.3	69	29	951	4.03	41	53
000933	1	52	18	125	.2	57	12	663	3.85	14	1
000934	1	23	9	88	.1	32	9	243	2.74	9	2
000935	1	22	19	125	.1	32	10	355	2.88	10	3
000936	1	14	17	177	.2	23	8	262	2.47	7	1
000937	1	12	9	141	.2	21	7	194	2.34	6	1
000938	1	13	43	164	.1	29	8	294	2.32	3	1
000939	1	9	13	144	.1	21	6	156	2.14	6	1
000961	1	23	18	82	.1	26	8	318	2.62	11	1
000962	1	15	10	98	.1	23	6	312	2.18	4	1
000963	1	11	19	98	.3	18	6	143	2.26	4	1
000964	1	18	16	97	.1	25	8	243	2.69	7	2
000965	1	12	19	130	.1	19	8	350	2.42	7	2
000966	1	24	11	116	.2	29	7	388	2.47	6	1
000967	1	18	14	70	.1	24	6	215	2.26	7	2
000968	1	18	11	84	.1	26	6	209	2.16	5	5
000969	1	23	12	85	.1	29	7	214	2.40	5	1
000970	1	12	9	72	.1	18	5	161	1.81	4	1
000971	1	12	10	88	.1	22	6	254	2.04	4	1
000972	1	33	16	102	.1	30	7	219	2.50	4	2
000973	1	23	15	109	.1	33	7	247	2.54	7	1
000974	1	22	16	111	.1	23	8	336	2.61	3	1
000975	1	60	19	289	.2	36	19	943	5.11	11	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000976	3	111	22	351	.1	57	21	2102	4.83	11	1
000977	1	9	9	96	.1	18	5	164	1.84	2	1
000978	1	9	11	94	.1	18	6	160	1.84	2	1
000979	1	13	10	114	.1	20	7	449	2.03	4	1
000980	2	15	15	49	.2	19	6	155	2.33	6	1
000981	1	26	16	107	.1	33	8	342	2.67	2	1
000982	1	29	15	80	.1	32	8	302	2.91	3	1
001028	2	42	17	83	.1	51	12	555	3.21	7	2
001029	1	33	11	177	.3	39	10	437	2.80	2	1
001030	1	26	15	120	.1	34	7	283	3.03	2	1
001031	1	31	20	100	.1	35	7	265	3.00	4	1
001032	1	63	16	180	.5	35	7	369	2.32	3	1
001033	1	29	18	80	.1	29	6	232	2.64	8	1
001034	1	47	16	161	.2	41	8	341	2.51	2	1
001035	1	22	16	206	.3	35	9	650	2.57	3	1
001036	1	39	19	162	.2	48	9	366	3.24	2	1
001037	1	38	11	107	.5	45	8	404	2.73	3	1
001038	2	20	15	78	.1	32	8	246	2.52	3	1
001039	2	26	20	96	.1	34	9	767	2.77	5	3
001040	1	34	28	73	.1	35	10	1073	3.39	2	1
001041	1	16	15	55	.2	27	7	254	2.07	4	1
001042	1	9	12	61	.2	19	5	211	1.72	4	1
001043	1	9	12	77	.2	21	5	170	1.97	5	2
001044	1	10	12	58	.1	19	5	165	1.72	4	1
001045	1	16	16	61	.1	31	7	185	2.39	4	1
001046	1	10	17	85	.1	25	6	344	2.42	5	1
001047	1	24	12	96	.3	35	8	208	1.95	6	2
001048	1	30	20	119	.1	38	11	414	2.96	5	2
001138	1	39	21	97	.1	29	9	367	2.73	11	1
001139	1	64	19	236	.2	26	18	652	3.68	11	1
001140	1	31	23	139	.1	24	13	375	3.22	6	1
001141	1	34	14	83	.1	30	7	290	2.40	9	1
001142	1	34	21	81	.1	33	8	327	2.58	14	1
001143	1	18	18	148	.4	21	8	329	2.40	8	2
001144	1	35	16	87	.2	33	7	279	2.38	5	1
001145	1	17	17	150	.3	29	7	290	2.47	8	3
STD C/AU-S	18	58	41	133	7.1	68	28	923	3.94	38	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001146	1	25	16	119	.1	30	7	253	2.53	11	1
001147	1	18	22	106	.1	22	7	248	2.31	14	1
001221	1	25	14	103	.1	23	8	338	2.81	12	2
001222	1	16	16	85	.2	19	6	173	2.16	9	1
001223	1	14	22	76	.1	20	6	168	2.16	13	2
001224	1	19	15	120	.1	24	9	245	2.62	14	1
001225	1	16	15	97	.1	19	7	211	2.36	11	1
001226	1	47	12	104	.1	36	11	259	3.20	31	9
001227	1	18	18	99	.1	19	8	497	2.32	14	195
001228	1	36	26	97	.1	34	10	255	3.15	21	13
001229	1	28	22	137	.2	27	10	218	3.04	18	1
001230	1	30	21	159	.3	33	9	188	2.91	45	6
001231	2	25	19	176	.2	28	9	360	2.94	19	1
001253	1	19	16	112	.2	25	6	189	2.09	10	1
001254	1	15	15	127	.1	21	6	175	2.49	14	1
001255	1	60	21	174	.8	75	13	995	4.38	21	2
001256	1	50	23	133	.2	46	12	665	3.32	20	1
001257	1	38	25	90	.2	43	15	421	3.57	14	1
001258	1	20	17	121	.2	30	8	219	2.52	12	2
001259	1	69	23	168	.2	48	15	1403	3.62	17	1
001260	1	69	22	171	.5	51	14	1345	3.70	17	1
001261	1	25	13	127	.3	31	7	315	2.49	11	1
001262	1	41	18	127	.2	41	9	547	2.89	14	1
001305	1	12	12	66	.1	18	7	433	1.55	8	1
001306	1	14	10	68	.3	15	6	329	1.65	7	1
001307	1	13	9	68	.1	20	6	261	1.83	9	1
001308	1	12	11	69	.1	17	5	288	1.75	8	2
001309	1	12	10	81	.1	17	4	180	1.52	4	2
001310	1	17	13	84	.1	24	6	268	2.08	9	1
001311	1	35	12	138	.3	38	9	472	2.96	14	1
001312	1	47	22	146	.6	44	10	414	3.60	14	1
001313	1	49	16	133	.5	48	12	552	3.70	17	1
001314	2	31	14	96	.1	25	10	227	3.41	17	2
001340	1	46	25	334	.4	44	15	1867	4.01	42	1
001341	1	22	15	224	.4	38	12	721	2.94	13	2
001342	2	29	15	109	.2	36	10	346	3.06	15	1
STD C/AU-S	18	60	42	132	7.2	69	29	942	3.96	41	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001343	1	11	16	136	.1	22	9	390	2.39	4	2
001344	1	34	16	102	.3	40	12	351	3.40	13	3
001345	1	29	22	125	.3	24	9	241	2.84	6	1
001346	1	17	13	88	.1	26	10	695	2.45	8	2
001347	1	34	17	106	.1	38	12	565	3.21	13	4
001348	1	26	14	125	.1	38	10	379	3.29	14	1
001349	1	22	13	100	.1	36	9	310	2.67	8	3
001350	1	49	19	101	.2	43	12	465	3.15	18	8
001373	1	40	20	121	.6	39	13	795	3.58	15	7
001374	2	37	17	138	.2	28	9	536	3.28	14	2
001375	1	52	17	115	.1	48	12	551	3.55	14	3
001376	1	27	16	116	.2	35	11	468	3.12	17	1
001377	1	21	13	136	.2	27	8	210	2.95	12	1
001378	1	90	20	134	.5	56	15	1254	3.50	7	1
001379	1	40	25	203	.1	40	16	656	4.29	17	1
001380	1	13	16	213	.1	22	11	512	3.23	5	1
001381	2	29	18	114	.1	37	10	301	3.12	15	1
001382	1	32	20	415	.4	13	14	2471	4.57	5	1
001383	1	15	16	153	.1	22	11	849	3.56	7	2
001470	1	17	15	52	.1	27	5	174	1.80	3	2
001471	1	18	15	59	.1	27	5	197	2.07	3	2
001472	1	21	6	44	.1	28	6	258	2.10	2	1
001473	1	16	8	70	.1	29	7	263	2.04	4	1
001474	1	21	14	91	.1	35	8	252	2.41	3	1
001475	1	25	11	82	.1	38	8	343	2.73	7	2
001476	1	9	11	70	.1	19	3	125	1.35	2	2
001477	1	16	12	48	.1	21	5	159	1.60	3	2
001478	1	19	13	63	.1	30	6	227	2.13	5	4
001479	1	18	14	45	.1	26	5	139	1.73	2	3
001480	1	20	14	60	.1	47	9	267	2.80	6	1
001481	1	9	8	59	.1	18	5	129	1.98	5	3
001482	1	19	13	89	.1	40	7	181	2.32	5	2
001483	1	15	13	56	.1	32	7	196	2.20	5	3
001484	1	11	8	60	.1	24	6	230	1.67	2	2
001485	1	13	14	50	.1	27	6	225	1.94	2	1
001486	1	13	10	85	.1	22	5	202	1.82	3	1
STD C/AU-S	19	57	39	128	7.3	67	28	1002	3.95	38	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001487	1	13	7	82	.1	26	5	179	1.89	3	2
001488	1	22	15	64	.1	28	9	410	2.39	5	1
001489	1	21	11	77	.1	29	8	371	2.20	4	1
001490	1	20	14	70	.1	32	9	510	2.53	4	1
001520	1	23	17	85	.1	30	8	339	2.47	9	1
001521	1	22	13	78	.2	25	7	322	2.36	8	2
001522	1	20	9	70	.2	24	6	227	2.00	3	4
001523	1	24	10	108	.2	29	7	302	2.22	2	3
001524	1	19	11	74	.1	26	7	330	2.28	6	3
001525	1	31	17	119	.1	37	15	1381	3.04	14	3
001526	1	23	13	77	.1	29	8	363	2.71	5	1
001527	1	18	18	87	.1	29	8	271	2.59	5	1
001528	1	16	9	81	.1	25	6	218	2.19	4	1
001529	1	17	12	104	.1	25	6	205	2.23	4	1
001530	1	22	12	101	.2	27	8	355	2.48	4	3
001531	1	17	14	100	.2	27	7	327	2.33	4	1
001532	1	16	12	89	.1	25	7	278	2.07	3	3
001533	1	23	8	104	.1	33	8	399	2.56	9	1
001534	1	19	14	87	.1	29	8	373	2.31	4	1
001535	1	29	21	84	.2	34	7	361	2.61	5	1
001536	1	26	13	79	.1	37	10	453	2.87	10	1
001537	1	32	19	132	.1	38	11	518	3.13	8	1
001538	3	46	29	145	.3	46	15	1467	4.33	19	1
001539	3	57	28	145	.2	55	16	2364	4.54	23	2
001540	1	26	19	101	.1	37	10	446	2.85	8	1
001541	1	12	11	77	.1	21	5	183	1.92	3	1
001542	1	27	14	87	.1	34	8	272	2.84	10	41
001543	1	20	21	95	.2	25	6	244	2.26	4	1
001544	1	19	10	84	.1	28	7	241	2.32	5	18
001545	1	17	13	75	.1	30	7	256	2.30	4	1
001555	1	34	19	130	.2	42	11	520	3.27	12	2
001556	1	25	15	123	.2	30	9	457	2.77	7	1
001557	1	16	14	99	.1	19	6	309	1.99	4	1
001558	1	18	11	110	.2	25	8	274	2.77	12	2
001559	1	8	11	61	.2	8	3	100	1.18	3	3
001560	1	9	13	91	.2	13	5	163	1.78	3	1
STD C/AU-S	19	58	43	132	7.1	68	28	999	3.93	39	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001585	1	18	18	162	.1	18	9	1055	2.62	7	1
001586	2	42	22	175	.3	39	14	721	5.06	28	1
001587	1	19	12	175	.2	20	7	1403	5.44	2	1
001588	1	25	27	203	.5	36	11	714	3.29	17	1
001589	1	24	21	183	.1	34	11	482	3.19	23	1
001590	1	41	21	113	.1	40	12	590	3.43	29	2
001591	1	32	21	106	.1	30	10	536	2.72	7	1
001592	1	34	15	143	.2	43	11	407	3.26	11	1
001593	1	22	11	97	.1	29	9	481	2.46	4	1
001594	1	15	12	128	.1	19	7	283	2.28	6	3
001618	1	21	15	53	.1	22	7	167	2.45	10	1
001619	1	20	16	70	.1	23	6	222	2.06	6	1
001620	1	57	13	112	.1	52	12	542	2.94	18	2
001621	1	37	21	86	.1	42	14	472	3.53	18	9
001692	1	36	16	100	.1	37	8	401	2.63	7	2
001693	1	109	17	208	.4	74	14	715	4.41	11	4
001694	1	60	21	114	.2	53	10	368	3.12	11	1
001695	1	117	24	158	.8	83	17	918	5.93	21	4
001696	1	95	16	125	.3	72	16	550	6.45	31	12
001697	1	69	16	111	.2	59	11	506	3.75	14	2
001698	1	86	23	165	.5	72	17	828	4.96	17	5
001699	2	114	16	190	.7	86	22	1264	6.02	16	4
001739	1	13	11	71	.1	25	5	210	1.97	3	1
001740	1	20	15	83	.1	32	9	616	2.44	3	1
001741	1	10	2	40	.1	19	6	297	1.74	3	1
001742	1	24	9	76	.1	32	7	373	2.28	5	2
001817	1	38	11	120	.1	40	9	458	2.90	9	1
001818	1	36	20	172	.1	45	13	819	3.54	13	1
001819	1	29	11	105	.1	42	10	563	2.83	11	1
001820	1	16	11	156	.1	23	8	235	2.40	9	1
001821	1	26	11	95	.1	36	8	346	2.53	9	1
001822	1	37	23	153	.1	33	12	1035	2.63	9	1
001823	1	21	11	242	.1	26	10	992	2.54	6	1
001824	1	35	12	124	.1	35	11	869	2.91	12	1
001825	1	18	18	130	.1	18	7	301	2.54	6	1
001826	1	15	8	68	.1	16	6	195	2.31	5	1
STD C/AU-S	19	58	42	132	7.3	67	29	938	3.97	39	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001889	1	49	13	90	.2	52	10	359	3.40	11	2
001890	1	33	16	94	.1	41	8	400	2.94	8	2
001891	1	39	15	95	.1	43	13	555	3.28	12	3
001892	1	28	9	87	.1	35	8	395	2.82	8	2
001893	1	30	13	102	.1	40	10	348	3.27	9	9
001894	1	16	8	97	.1	25	7	302	2.17	6	3
001895	1	22	13	109	.1	26	7	283	2.30	8	2
001896	1	17	14	151	.2	20	9	320	3.61	11	3
001897	2	59	20	128	.4	55	13	1290	4.20	19	2
001898	2	47	22	137	.4	50	14	1417	3.97	15	3
001899	1	15	7	77	.1	24	7	310	2.17	2	1
001900	1	25	11	79	.1	30	7	250	2.90	8	1
001901	1	15	12	57	.1	27	7	255	2.12	2	1
001902	1	25	21	169	.1	38	13	510	4.62	13	25
001903	1	22	15	205	.1	30	10	617	3.20	12	1
001904	1	21	13	79	.1	29	9	1284	2.66	8	2
001930	2	36	17	101	.3	36	9	401	2.60	8	2
001931	2	23	9	101	.2	30	8	281	2.46	9	3
001932	2	21	16	89	.1	25	7	302	2.27	10	2
001933	2	31	15	151	.2	35	10	479	2.99	10	1
001934	2	29	14	120	.2	32	9	543	2.64	8	4
001935	1	12	11	89	.1	17	4	188	1.72	2	1
001936	1	19	10	112	.1	23	6	270	2.17	5	2
001937	1	22	15	131	.2	32	8	249	2.52	8	1
001938	2	34	19	113	.1	38	9	271	3.19	15	1
001939	1	17	12	98	.2	26	6	206	2.10	8	3
001950	1	37	13	86	.1	38	11	463	2.70	12	4
001951	1	17	14	122	.1	32	8	268	2.45	8	1
001952	1	27	15	84	.1	36	10	365	2.52	10	11
001953	1	34	15	102	.1	41	10	333	2.80	9	1
001954	1	27	15	89	.1	35	9	272	2.54	8	1
001955	1	17	20	186	.1	30	10	351	3.00	9	1
001956	1	24	14	117	.1	40	8	317	2.60	9	1
001957	1	15	11	81	.1	29	6	234	2.18	3	2
001958	1	18	13	81	.1	31	7	250	2.44	6	3
001959	1	15	14	91	.1	25	7	285	2.20	5	3
STD C/AU-S	18	60	39	132	7.1	67	28	924	3.94	40	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001960	1	17	8	79	.1	32	7	295	2.54	7	18
001961	1	16	14	83	.1	30	7	320	2.48	7	7
001962	1	23	11	76	.1	35	10	506	2.70	6	1
001963	1	58	15	96	.1	50	10	820	3.66	8	1
001964	1	35	15	85	.1	33	10	668	3.54	9	1
001965	1	39	17	94	.1	37	11	1366	3.76	9	4
001966	1	26	11	70	.1	29	8	441	2.93	6	1
001967	1	25	15	81	.1	29	9	822	2.91	7	1
001980	1	20	11	95	.1	31	7	285	2.39	9	1
001981	1	15	19	102	.2	29	6	365	2.16	6	1
001982	1	13	7	87	.1	23	6	269	2.06	5	1
001983	1	12	9	84	.1	25	6	252	2.16	4	1
001984	1	14	13	88	.1	25	6	277	2.11	5	1
001985	1	8	11	63	.1	22	5	163	1.86	4	1
001986	1	19	11	70	.2	32	7	368	2.28	2	1
001987	1	32	8	62	.1	29	8	317	2.67	6	2
001988	1	24	12	59	.1	31	11	262	2.60	6	1
001989	1	15	9	100	.1	27	8	328	2.08	4	1
001990	1	18	13	76	.1	23	7	451	2.18	6	1
002022	1	13	11	236	.1	31	10	802	2.51	11	1
002023	1	36	26	128	.1	43	14	791	3.66	16	1
002024	1	27	23	163	.2	35	12	752	3.44	24	1
002025	1	29	21	245	.4	33	12	1127	3.44	16	1
002026	1	14	10	88	.1	22	6	242	2.30	14	1
002027	2	11	15	65	.1	14	5	128	1.90	8	1
002028	1	18	17	159	.6	28	9	542	2.84	16	1
002029	1	21	11	132	.1	31	8	236	2.95	20	9
002030	1	26	11	104	.2	32	8	512	2.40	7	1
002031	1	17	12	86	.1	34	8	332	2.51	6	1
002042	1	20	8	73	.1	29	11	433	2.70	5	1
002043	1	55	16	142	.2	64	13	1099	3.78	10	1
002044	1	18	17	104	.1	35	11	674	2.74	6	1
002045	1	18	12	91	.1	34	11	540	2.68	5	1
002046	1	16	10	91	.1	31	8	324	2.50	7	1
002047	1	22	12	76	.1	30	8	337	2.64	7	1
002048	1	16	13	77	.1	25	7	264	2.30	6	1
STD C/AU-S	19	59	39	133	7.1	67	27	987	3.94	38	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002049	1	26	10	100	.1	33	9	362	2.78	8	2
002050	1	25	14	105	.1	36	9	460	2.81	7	3
002051	1	24	16	103	.1	34	10	409	2.86	8	2
002107	1	36	13	400	.6	26	14	1351	3.00	7	3
002108	1	63	14	116	.1	48	15	751	3.60	12	1
002109	1	20	12	12º	.1	25	10	374	2.46	5	3
002110	1	72	12	185	.4	65	15	1272	3.65	3	2
002111	1	21	10	83	.1	31	8	361	2.58	8	1
002112	1	15	12	65	.1	22	6	361	1.88	3	1
002113	2	28	6	127	.1	41	8	308	2.86	9	2
002114	1	34	15	132	.1	49	10	405	3.28	9	1
002115	1	12	9	66	.1	26	6	207	2.06	4	2
002116	1	10	7	75	.1	22	6	331	1.99	4	1
002117	1	14	11	65	.3	30	8	329	2.39	5	2
002118	1	15	13	63	.1	24	6	225	1.93	3	4
002119	1	18	19	183	.2	33	13	1219	3.83	7	1
002120	1	30	17	174	.1	32	16	1423	3.70	11	1
002135	1	20	9	70	.1	27	6	242	1.93	6	4
002136	1	17	12	72	.1	28	6	272	1.99	5	2
002137	1	14	12	69	.1	24	6	209	1.75	2	1
002138	1	30	7	63	.1	34	8	286	2.54	7	1
002139	1	22	11	51	.1	35	6	189	2.09	4	3
002140	1	24	10	56	.1	33	7	234	2.29	6	4
002141	1	28	10	74	.1	36	9	333	2.62	7	1
002142	2	38	16	81	.1	43	12	629	3.19	8	2
002143	3	49	19	94	.4	54	14	657	3.36	12	6
002151	1	45	15	87	.1	37	12	1227	3.61	10	1
002152	1	34	11	107	.1	36	11	470	3.04	8	3
002153	1	34	19	81	.1	33	11	416	3.72	9	1
002154	1	24	8	122	.1	46	12	352	3.65	12	3
002155	1	21	12	152	.1	40	13	293	3.91	10	2
002156	1	37	11	84	.1	39	14	349	3.21	9	2
STD C/AU-S	18	59	40	134	7.3	69	28	937	4.00	40	53
002157	1	22	10	83	.1	21	10	336	2.21	5	4
002158	2	37	19	93	.2	36	8	404	3.00	12	1
002159	3	40	13	136	.2	43	15	2506	4.96	32	1
002160	3	38	15	140	.2	41	15	1714	4.41	24	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002161	3	60	21	201	.2	58	14	2179	3.93	19	4
002162	1	19	14	101	.1	25	9	371	2.25	7	1
002163	1	21	14	116	.1	21	9	328	2.26	6	1
002164	1	16	11	147	.1	24	10	355	2.22	7	1
002165	1	14	12	104	.1	23	7	192	1.97	7	1
002166	1	18	13	71	.1	33	7	241	2.30	7	1
002167	1	23	15	84	.2	39	8	275	2.75	9	1
002168	2	84	23	129	.1	61	13	491	4.04	37	3
002169	1	16	14	154	.1	23	13	516	2.75	7	15
002170	2	19	10	157	.1	14	12	623	3.37	29	12
002171	1	21	8	114	.1	29	9	316	2.39	7	1
002172	1	28	9	101	.1	35	9	431	2.56	8	1
002173	1	28	14	93	.1	34	9	395	2.65	9	1
002174	1	17	9	81	.1	16	5	527	1.66	6	1
002175	1	21	9	75	.1	29	7	260	2.29	4	2
002217	1	21	14	124	.1	23	7	211	2.14	8	1
002218	1	20	10	75	.1	27	7	229	2.29	8	2
002219	1	18	10	85	.1	22	5	198	1.84	4	11
002220	1	24	13	101	.1	27	7	336	2.22	6	12
002221	1	14	11	59	.1	21	5	218	1.95	5	8
002222	1	13	10	96	.1	12	7	911	1.81	7	1
002223	1	14	12	99	.1	19	7	227	2.94	9	1
002224	1	33	19	67	.1	28	8	246	2.81	11	1
002225	1	28	11	117	.1	28	9	237	2.96	14	1
002226	1	14	7	48	.1	15	5	230	1.59	6	1
002245	1	71	15	77	.2	47	10	626	2.92	9	1
002246	1	45	14	71	.1	47	12	599	3.07	11	1
002247	1	45	17	85	.1	51	12	562	3.10	9	4
002248	1	13	10	68	.1	23	7	312	2.06	6	1
002249	1	32	10	50	.1	30	10	446	2.53	8	2
002250	1	9	9	78	.1	16	6	211	1.83	4	1
002314	1	32	17	86	.1	30	10	861	3.17	5	25
002315	1	24	7	52	.1	26	9	226	2.55	9	4
002316	1	22	13	79	.1	30	8	472	2.28	5	1
002317	1	38	23	82	.1	45	12	580	3.06	8	6
002318	1	14	13	114	.2	22	8	433	2.15	5	4
STD C/AU-S	19	61	41	135	7.5	70	29	954	3.97	39	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002319	1	6	7	51	.1	12	3	128	1.17	3	1
002320	1	42	12	87	.1	48	11	548	3.22	9	1
002321	1	44	16	79	.1	46	11	521	3.21	8	1
002322	1	18	7	66	.1	25	7	397	2.20	4	2
002323	1	6	8	62	.1	10	4	157	1.52	3	1
002324	1	20	8	257	.2	11	17	2911	5.70	5	1
002325	1	20	8	54	.1	26	5	137	1.71	4	2
002326	1	15	5	88	.1	23	6	241	2.03	6	1
002334	1	22	9	69	.1	28	7	254	2.16	6	1
002335	1	9	10	62	.1	25	6	145	1.94	5	3
002336	1	27	11	77	.2	43	11	556	3.26	9	1
002337	1	30	20	80	.1	29	11	1109	3.66	4	3
STD C/AU-S	17	58	40	131	7.0	67	28	917	3.95	35	47

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

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 8 1987 DATE REPORT MAILED: Aug 18/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000109	1	44	21	173	.2	42	12	825	4.90	23	3
000110	1	24	9	92	.1	30	8	351	2.80	11	3
000111	1	19	15	133	.1	18	7	795	1.98	7	3
000112	1	26	21	179	.1	29	10	389	3.07	24	2
000113	1	34	25	115	.1	36	11	501	2.99	26	3
000114	1	16	19	169	.1	19	8	315	2.56	17	2
000115	2	86	17	133	1.5	59	13	1323	4.20	33	2
000116	1	10	16	70	.1	13	4	181	1.70	8	1
000117	1	16	12	129	.1	17	7	307	2.52	11	4
000118	1	24	19	147	.3	25	8	463	2.74	27	1
000119	3	70	18	144	1.0	76	16	1218	3.92	31	2
000120	2	78	19	161	.9	74	17	1079	5.31	19	1
000121	1	40	17	121	.1	30	12	635	3.21	24	2
000122	1	24	14	71	.1	24	8	278	2.76	16	2
000123	1	18	10	54	.1	17	6	173	2.43	10	2
000124	1	16	14	126	.1	20	7	563	2.15	7	4
000125	1	36	15	114	.1	39	13	468	3.52	20	4
000126	1	16	16	89	.1	17	8	427	2.40	9	4
000127	3	586	19	139	.5	62	18	1301	4.47	21	3
000128	1	39	19	143	.1	33	12	880	2.89	16	5
000129	1	93	22	146	1.0	57	14	794	3.73	23	3
000130	1	70	19	129	.7	47	13	516	3.80	15	6
000131	1	13	9	141	.1	22	7	240	1.95	6	6
000132	1	34	18	186	.2	36	12	895	2.79	13	5
000133	1	45	14	105	.1	35	10	424	3.06	20	1
000134	1	21	13	103	.1	29	7	216	2.35	13	1
000135	1	25	9	89	.1	27	6	197	2.25	12	3
000136	1	24	15	81	.2	31	8	382	2.10	13	2
000137	1	9	30	60	.4	11	4	145	1.50	12	2
000138	1	15	14	122	.1	15	6	427	2.28	7	2
000139	1	29	13	101	.2	35	8	433	2.63	14	4
000140	1	38	20	142	.3	43	13	984	3.12	11	3
000141	1	38	16	150	.4	47	12	909	3.23	11	2
000142	1	20	19	126	.2	29	12	646	2.42	10	5
000143	1	20	18	93	.1	27	9	594	2.29	11	1
000144	1	37	13	154	.3	42	12	1331	2.93	9	3
STD C/AU-S	20	57	43	134	7.3	71	32	1057	4.01	41	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000145	3	163	14	250	1.3	133	19	1356	7.25	21	2
000146	1	22	9	145	.1	25	7	496	2.32	5	1
000147	1	41	12	100	.2	41	8	452	2.71	12	1
000148	1	36	13	130	.2	43	10	553	3.01	9	1
000149	1	8	7	60	.1	9	4	363	1.36	2	1
000150	1	43	7	122	.1	39	10	748	3.02	4	1
000151	1	23	7	78	.1	27	7	306	2.55	8	2
000152	1	17	9	84	.1	25	6	291	1.99	3	2
000153	1	19	9	95	.1	26	6	297	2.01	3	3
000154	1	17	6	81	.1	24	7	318	2.14	3	1
000155	1	17	9	88	.1	25	7	340	2.10	4	2
000156	1	30	9	106	.1	33	10	593	2.56	6	4
000157	1	16	8	74	.1	22	6	304	1.79	3	1
000158	1	41	13	157	.4	47	13	1038	3.61	7	4
000196	1	29	9	113	.1	32	10	482	2.50	7	1
000197	1	21	12	102	.1	25	7	482	2.10	3	1
000198	1	18	5	91	.1	25	6	222	1.95	5	1
000199	1	12	6	100	.1	24	7	234	2.03	5	1
000200	1	19	9	79	.1	25	7	474	2.20	7	4
000201	1	9	10	166	.1	22	7	381	1.87	2	1
000202	1	13	11	104	.1	27	8	587	2.28	2	1
000203	1	12	2	54	.1	20	6	227	1.84	3	1
000204	1	9	8	70	.1	22	6	305	1.69	2	1
000205	1	16	9	62	.1	36	7	293	2.13	4	1
000206	1	10	10	52	.1	29	6	177	2.00	3	2
000207	1	12	6	77	.1	32	7	255	1.98	2	1
000208	1	10	9	68	.1	23	5	181	1.95	3	55
000209	1	12	9	79	.1	37	7	153	2.18	3	1
000210	1	17	10	60	.1	38	6	200	2.08	5	1
000451	1	22	10	73	.1	28	7	269	2.27	7	1
000452	4	49	15	182	.4	30	21	1620	3.89	8	5
000453	1	21	10	96	.1	30	9	329	2.44	7	1
000454	1	32	9	122	.1	42	11	533	3.11	10	1
000455	1	36	18	95	.1	43	9	396	2.68	9	23
000456	1	24	13	66	.1	29	6	218	2.01	6	3
000457	1	21	12	70	.1	29	6	230	2.15	6	9
STD C/AU-S	19	60	43	133	7.0	73	29	1025	3.98	40	47

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000458	1	20	7	70	.1	28	6	251	2.11	7	7
000459	1	37	9	129	.1	48	9	523	3.03	9	5
000460	1	22	8	76	.1	31	7	282	2.21	7	3
000461	1	27	11	73	.1	31	7	289	2.29	5	3
000462	1	50	12	115	.4	47	12	1022	3.00	6	5
000463	1	29	10	79	.1	31	8	335	2.49	9	4
000464	1	39	10	104	.1	40	10	400	2.77	9	4
000465	1	36	10	100	.2	39	10	918	3.45	11	11
000466	1	75	12	118	.3	55	12	608	3.92	16	14
000467	1	32	7	69	.1	30	7	326	2.55	9	10
000468	1	31	11	75	.1	29	6	261	2.37	8	5
000469	1	29	9	75	.1	29	7	300	2.50	7	5
000470	1	28	10	77	.1	30	7	299	2.53	7	7
000471	1	24	11	79	.1	27	7	310	2.28	8	6
000472	2	24	7	95	.2	22	6	210	1.94	8	11
000473	1	22	7	89	.2	24	6	324	2.14	9	7
000474	1	14	10	83	.1	17	5	164	1.69	5	3
000475	1	28	9	73	.1	31	8	283	2.47	8	2
000476	1	52	15	102	.8	39	10	461	2.88	9	5
000477	1	39	11	129	.1	33	11	521	3.19	9	4
000478	1	29	10	144	.1	32	11	580	3.20	9	1
000479	1	25	11	78	.1	31	8	284	2.55	9	3
000480	1	29	10	77	.1	33	9	461	2.72	8	3
000481	1	19	7	76	.1	23	7	294	2.10	6	9
000482	1	22	7	63	.1	27	6	224	2.23	5	9
000483	1	24	7	79	.1	29	7	286	2.47	5	1
000484	1	19	9	70	.1	23	7	235	2.19	5	1
000485	1	38	11	54	.1	37	8	372	2.95	8	1
000528	1	20	8	87	.1	30	6	188	2.12	6	2
000529	1	29	13	185	.1	33	10	425	2.92	11	1
000530	2	38	11	127	.1	42	8	286	2.69	9	2
000531	1	29	17	261	.1	34	12	641	3.47	11	2
000532	1	55	13	132	.7	62	11	680	3.58	11	2
000533	1	48	20	165	.2	39	8	343	2.57	10	1
000534	1	35	8	131	.3	44	10	420	2.34	7	1
000535	1	55	18	95	.3	52	9	307	2.80	10	4
STD C/AU-S	19	59	42	132	7.4	71	29	960	3.95	38	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000536	1	58	11	152	.6	51	10	624	3.24	10	7
000544	1	20	5	139	.1	30	8	561	2.26	5	1
000545	1	69	8	149	1.1	65	12	918	2.98	11	3
000546	1	33	11	111	.1	41	8	354	2.69	15	1
000547	3	146	4	306	2.4	129	18	1393	6.74	20	4
000548	1	19	2	78	.2	33	7	205	2.49	8	1
000549	2	55	322	794	1.2	49	26	4965	7.24	60	3
000550	1	26	19	221	.1	29	12	2110	2.55	8	1
000553	1	18	7	106	.2	23	7	637	2.08	6	1
000562	3	41	13	123	.3	35	9	426	2.72	11	1
000563	2	34	9	108	.3	29	9	611	2.59	9	1
000564	2	25	10	95	.1	29	7	326	2.45	10	1
000565	3	59	9	176	.7	46	15	1209	3.78	14	2
000566	2	41	14	135	.6	36	10	788	2.79	9	1
000567	2	29	10	105	.3	28	8	504	2.36	9	1
000568	3	100	12	164	1.6	83	14	937	4.09	16	1
000636	1	26	8	134	.1	25	8	1203	2.30	8	1
000637	1	31	8	88	.1	37	9	353	2.80	12	1
000638	1	23	4	74	.1	25	8	340	2.34	8	2
000639	1	22	7	90	.1	26	8	415	2.37	9	2
000640	1	22	7	103	.1	26	7	330	2.27	6	1
000641	1	20	5	79	.1	27	7	289	2.35	9	1
000642	1	19	5	99	.2	25	7	245	2.23	7	2
000643	1	23	2	105	.1	25	8	484	2.33	9	3
000644	1	61	8	141	.4	49	13	704	3.60	16	5
000645	1	43	6	152	.3	39	12	715	3.22	15	4
000646	1	48	9	153	.4	44	11	612	3.63	17	3
000647	1	43	8	161	.1	41	13	664	3.99	14	3
000663	1	35	9	45	.3	24	5	136	1.90	6	4
000664	1	42	6	126	.2	38	9	358	3.30	15	2
000665	1	42	8	115	.3	36	8	356	3.13	16	1
000666	1	36	6	274	.6	47	15	1223	3.72	10	1
000667	1	30	10	186	.3	38	13	699	3.75	11	20
000668	2	59	9	258	.8	53	17	776	5.30	9	4
000669	1	13	10	111	.1	23	7	218	2.27	6	1
000670	1	20	11	103	.2	40	10	296	3.12	10	1
STD C/AU-S	19	63	42	134	7.2	66	29	1019	3.97	40	46

BIG VALLEY RESOURCES PROJECT-128 HAT FILE # 87-3120

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000671	1	32	11	74	.1	45	11	551	3.05	6	3
000672	1	25	12	93	.1	30	9	364	2.80	9	1
000754	1	75	8	120	.5	54	13	639	3.89	13	8
000755	1	33	8	108	.1	38	9	356	3.07	8	3
000756	1	30	5	81	.1	35	8	374	2.58	7	5
000757	1	30	7	75	.1	34	8	320	2.58	8	4
000758	1	15	6	148	.1	22	8	439	2.12	4	1
000760	1	30	8	114	.1	27	12	1167	2.54	5	2
000761	1	44	11	145	.1	39	11	375	3.62	7	6
000762	2	68	14	258	1.0	55	20	557	4.67	13	3
000763	1	53	12	519	1.1	43	26	1654	4.35	29	5
000764	1	12	10	113	.2	20	6	222	2.19	5	1
000765	1	31	10	88	.1	31	9	391	2.68	12	1
000766	1	48	10	147	.1	42	9	384	3.12	5	9
000767	1	79	16	266	.6	24	24	886	5.60	6	2
000768	1	19	10	142	.3	25	9	613	2.46	4	1
000811	1	15	7	58	.1	28	7	273	2.22	3	1
000812	1	18	6	78	.1	37	8	277	2.57	3	1
000813	1	14	4	62	.1	24	6	204	2.06	3	1
000814	1	19	5	68	.1	30	7	238	2.40	4	1
000815	1	21	9	49	.1	28	6	270	2.22	3	2
000816	1	26	10	115	.1	38	10	297	2.80	7	1
000817	1	14	6	50	.2	26	6	199	2.05	2	1
000818	8	52	12	414	.6	24	15	1091	10.44	21	1
000819	1	51	11	125	.4	50	9	338	3.64	8	1
000820	1	34	11	72	.2	44	12	596	3.15	4	1
000832	1	12	6	88	.1	23	8	473	1.80	2	1
000833	1	21	5	77	.1	28	9	539	2.30	2	1
000834	1	33	9	67	.2	41	10	378	2.83	6	4
000835	1	26	6	74	.1	26	8	275	2.31	5	2
000836	8	116	17	276	1.0	76	26	1940	8.11	34	1
000837	4	97	10	118	.1	59	16	779	4.66	14	5
000838	1	71	16	97	.4	77	14	659	4.81	10	3
000839	2	78	11	118	.3	60	17	894	4.27	22	11
000840	2	59	13	109	.3	51	14	713	3.65	15	6
000940	1	31	5	120	.1	38	10	642	3.09	6	1
STD C/AU-S	19	62	42	131	7.2	70	28	1040	3.93	40	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000941	1	30	11	107	.1	37	8	309	2.72	5	1
000942	1	53	9	146	.4	61	15	853	4.22	14	1
000943	1	60	16	194	.2	38	21	1031	6.58	24	2
000944	1	40	13	166	.3	29	11	442	3.97	18	11
000945	20	52	9	206	.4	32	20	1077	6.00	26	2
000946	1	48	17	88	.1	42	11	468	3.48	14	4
000947	1	42	14	112	.2	39	9	425	3.36	15	2
000948	1	34	12	116	.2	34	8	420	2.71	11	5
000949	1	13	9	98	.1	15	6	372	1.85	5	1
000950	1	10	5	86	.1	11	4	240	1.24	2	1
000951	1	13	12	130	.3	17	6	384	1.75	3	1
000952	1	14	10	83	.2	15	6	391	1.94	6	4
000953	1	23	10	123	.2	31	8	242	2.79	10	1
000954	1	43	7	74	.2	44	10	408	3.12	12	1
000955	1	33	17	92	.1	35	8	221	2.47	7	1
000956	1	17	12	171	.1	20	8	318	2.27	7	22
000957	1	30	13	87	.4	32	8	333	2.33	8	1
000958	1	32	13	103	.1	35	10	441	2.67	9	1
000959	1	37	14	115	.1	38	10	404	3.17	15	2
000960	1	25	10	74	.1	31	7	362	2.31	7	3
000992	2	54	12	150	.3	57	18	804	5.04	22	1
000993	1	31	9	90	.2	38	12	1502	3.37	9	1
000994	2	38	10	96	.4	38	9	495	2.91	4	1
000995	1	10	12	66	.1	16	4	148	1.60	2	1
000996	1	45	12	121	.6	48	8	390	2.93	9	1
000997	1	23	11	121	.3	36	9	633	2.89	5	1
000998	1	44	12	220	.2	36	8	408	2.56	3	1
000999	1	46	12	194	.4	37	8	349	2.78	3	1
001000	1	25	12	98	.1	39	8	268	3.04	5	1
001001	1	22	8	66	.1	31	6	207	2.76	4	1
001016	1	16	12	121	.1	27	7	201	2.53	4	1
001017	1	12	9	106	.1	23	6	215	1.89	3	1
001018	1	57	16	100	.4	70	11	440	3.67	10	1
001019	1	31	9	101	.1	41	11	445	3.13	9	1
001020	1	32	12	81	.1	47	10	463	3.13	8	1
001021	1	26	8	134	.1	40	7	363	2.56	3	1
STD C/AU-S	18	60	41	132	7.3	71	29	956	3.93	40	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001022	1	13	8	92	.1	22	5	177	1.95	5	1
001023	1	18	10	75	.1	30	6	246	2.21	5	1
001024	1	18	6	108	.1	32	6	246	2.23	6	1
001025	1	16	9	97	.1	29	6	236	2.01	3	1
001026	1	19	8	127	.1	36	7	274	2.99	6	1
001027	6	41	9	98	.2	56	12	598	3.46	11	2
001128	1	19	11	79	.1	27	6	222	2.12	7	6
001129	1	19	6	78	.3	21	5	166	1.73	4	3
001130	1	21	11	93	.1	24	6	212	2.21	7	2
001131	1	12	8	66	.2	16	4	177	1.39	3	1
001132	1	25	7	81	.2	27	6	249	2.22	9	1
001133	1	29	8	93	.2	35	7	235	2.56	10	2
001134	1	28	12	73	.2	28	6	256	2.38	9	4
001135	1	35	8	120	.2	27	7	333	2.48	9	1
001136	1	22	9	137	.3	30	7	245	2.44	8	1
001137	1	24	10	155	.3	30	7	260	2.65	11	1
001148	1	23	11	75	.1	26	8	427	2.46	13	3
001149	1	25	14	95	.1	30	9	570	2.62	13	4
001150	1	10	20	145	.2	5	3	180	2.54	15	1
001151	1	53	14	311	.3	20	26	1774	6.49	13	1
001152	15	164	20	393	.6	49	31	858	10.04	26	1
001153	2	46	18	117	.6	51	15	898	3.98	24	3
001154	1	19	7	117	.1	29	8	392	2.44	8	1
001155	1	22	8	142	.4	26	8	484	2.77	6	1
001156	1	28	12	114	.1	38	10	281	3.51	14	1
001157	1	126	16	203	1.3	94	18	1527	4.59	11	2
001158	1	16	11	125	.3	19	7	421	2.15	4	1
001159	1	43	13	126	.5	49	11	651	3.51	10	1
001200	1	31	21	230	.4	23	11	1757	2.55	12	1
001201	1	31	15	124	.1	35	9	387	3.53	21	1
001202	1	41	20	324	.4	34	14	1369	3.71	19	9
001203	1	60	27	260	.3	43	17	679	4.73	28	1
001204	1	41	22	227	.3	56	12	351	4.10	28	1
001205	3	108	12	135	.6	56	21	470	8.67	7	1
001206	2	132	16	269	1.5	132	28	3283	7.50	24	1
001207	1	18	9	175	.2	32	8	263	2.77	11	1
STD C/AU-S	19	60	40	132	7.7	71	29	1018	3.93	40	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001208	3	55	15	105	.1	40	12	295	3.71	20	1
001209	1	16	17	176	.1	20	8	766	2.16	6	2
001210	2	29	12	76	.1	34	10	223	3.18	9	2
001263	2	34	9	150	.1	35	8	215	2.87	16	1
001264	1	46	10	185	.1	25	13	563	4.52	15	1
001265	1	26	11	102	.1	33	7	314	2.66	9	2
001266	1	22	10	97	.2	27	7	280	2.25	7	1
001267	2	59	15	139	.3	60	12	540	3.88	15	1
001268	1	32	14	91	.1	43	10	491	3.01	14	2
001269	1	57	15	139	.6	65	14	691	3.57	13	1
001270	1	34	12	127	.3	36	9	396	2.81	9	2
001271	1	15	6	114	.2	22	5	239	1.80	4	3
001272	1	16	11	105	.3	25	6	184	2.05	7	2
001273	1	21	10	60	.1	32	8	272	2.39	10	1
001274	1	23	11	181	.2	30	10	400	2.58	9	2
001275	1	49	17	186	.5	53	12	725	3.51	17	1
001276	1	23	11	120	.1	32	9	340	2.64	11	1
001277	1	42	14	198	.5	39	12	1056	2.95	11	3
001278	1	39	11	152	.4	39	11	554	2.99	12	1
001279	2	29	13	116	.1	32	10	377	2.90	14	1
001280	1	33	17	127	.2	35	9	390	2.79	12	2
001281	1	23	16	132	.4	34	9	491	2.48	10	1
001282	1	16	10	107	.2	25	8	350	2.15	6	1
001283	1	27	17	156	.2	38	10	461	2.79	9	2
001284	1	20	14	135	.2	32	9	637	2.62	10	1
001285	1	28	9	108	.5	32	9	298	2.81	13	1
001300	1	15	8	81	.2	21	5	169	1.90	5	2
001301	1	19	10	88	.1	27	8	330	2.23	8	2
001302	1	27	12	84	.1	30	10	324	2.68	10	1
001303	1	19	9	91	.2	25	7	258	2.18	8	2
001304	1	17	12	80	.3	25	6	245	2.04	7	2
001315	1	31	9	98	.1	32	11	402	3.50	8	1
001316	1	16	9	109	.2	26	8	358	2.22	5	1
001317	1	35	15	100	.1	41	10	443	3.17	8	4
001318	1	22	13	89	.1	30	7	227	2.41	7	1
001319	1	28	9	103	.1	34	9	502	2.78	8	2
STD C/AU-S	19	60	41	132	7.4	70	29	948	3.94	39	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001320	1	16	17	150	.1	20	8	352	2.67	10	1
001321	1	45	29	210	.3	48	13	497	3.96	22	6
001323	1	45	25	129	.4	51	10	456	3.65	12	3
001324	1	30	10	80	.1	36	9	373	2.96	9	1
001325	2	42	21	164	.3	41	12	841	3.39	10	1
001326	1	28	16	155	.1	31	11	550	3.42	9	2
001328	1	17	13	173	.1	27	7	373	2.72	7	2
001329	1	22	15	97	.1	31	7	303	2.46	5	2
001330	1	46	20	134	.4	50	11	623	3.75	15	3
001331	1	55	19	123	.9	44	12	638	4.21	13	1
001332	1	25	12	131	.1	30	10	302	3.40	13	3
001333	2	20	18	104	.1	26	9	358	2.90	15	2
001334	1	30	18	128	.1	37	10	321	3.58	19	1
001335	1	42	39	166	.1	39	18	670	4.16	17	21
001336	1	46	16	163	.3	53	13	802	4.00	14	4
001337	2	38	20	259	.1	33	11	1034	4.56	27	1
001338	1	41	15	349	.1	45	17	1945	4.83	11	1
001339	2	55	13	317	.6	69	14	1014	3.83	18	2
001351	1	29	20	149	.2	29	12	729	3.04	10	2
001352	1	43	20	120	.1	40	12	514	3.77	16	11
001353	2	38	23	276	.2	38	12	768	3.73	12	2
001354	1	29	44	795	.1	30	15	1381	4.13	4	1
001355	1	26	24	393	.3	32	11	878	3.52	12	9
001356	1	14	11	191	.4	22	7	317	2.28	5	6
001357	1	15	14	191	.2	25	8	477	2.26	2	2
001358	1	27	16	123	.1	34	10	372	2.82	9	1
001360	1	19	16	124	.2	26	9	494	3.33	9	1
001361	1	29	18	162	.4	26	9	809	2.66	8	2
001384	2	11	12	212	.2	14	7	324	2.26	2	4
001386	1	16	14	103	.2	21	8	404	2.92	3	2
001387	1	17	13	87	.5	23	7	270	2.97	5	2
001388	1	24	15	193	.3	31	13	985	3.31	5	2
001389	1	18	9	130	.3	24	9	494	2.45	2	1
001390	1	26	15	101	.2	34	9	341	3.13	5	2
001391	1	32	10	97	.4	38	9	364	3.23	7	1
STD C/AU-S	18	59	40	130	6.9	67	27	885	3.88	37	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001392	1	20	9	116	.1	26	8	411	2.31	6	1
001393	1	28	12	99	.1	31	9	677	2.51	11	1
001394	1	115	18	197	1.7	100	18	1281	5.66	20	5
001395	1	21	9	85	.1	27	8	306	2.32	7	7
001396	1	13	8	78	.1	17	5	377	1.69	3	1
001397	1	40	17	85	.3	37	8	293	2.53	8	1
001398	1	32	8	129	.3	38	10	637	2.81	8	1
001399	1	29	13	102	.1	32	9	541	2.37	6	1
001408	1	17	4	47	.1	24	5	156	1.68	2	1
001409	1	18	6	89	.1	30	6	148	2.43	9	1
001410	1	14	16	133	.1	17	4	159	1.96	4	1
001411	1	37	14	127	.3	36	9	512	2.47	8	3
001412	1	35	16	89	.3	38	9	451	2.56	8	2
001413	1	25	10	85	.1	29	9	354	2.20	8	1
001414	2	9	9	66	.1	12	4	208	1.56	5	1
001415	1	29	16	130	.1	36	10	531	2.71	12	1
001416	1	35	15	99	.2	36	8	354	2.64	9	3
001417	1	23	13	74	.1	27	7	232	2.34	11	1
001418	1	60	20	142	.6	49	11	803	3.22	12	2
001419	1	39	10	103	.1	32	11	350	2.87	12	3
001420	1	20	16	152	.1	27	8	252	2.28	6	1
001421	1	22	12	92	.1	29	7	323	2.07	4	1
001422	1	26	13	143	.2	25	9	492	2.95	19	1
001423	1	26	16	115	.1	26	8	202	3.04	7	177
001424	4	112	15	165	.2	47	32	2070	9.06	8	5
STD C/AU-S	19	59	39	126	7.2	68	29	940	3.83	38	49
001425	1	24	16	77	.1	28	10	544	2.73	9	5
001426	1	28	18	109	.1	39	11	497	2.83	11	3
001427	4	63	16	81	.5	46	8	182	1.77	5	5
001428	3	55	17	64	.5	28	12	406	2.77	15	6
001429	1	57	18	129	.3	45	11	743	3.14	12	9
001430	1	27	9	118	.1	30	11	392	3.10	12	1
001431	1	15	16	93	.1	21	8	326	2.45	9	1
001432	1	52	14	105	.1	73	16	629	4.33	20	5
001433	1	23	11	73	.2	19	6	257	1.72	5	2
001434	1	48	18	123	.2	43	10	602	3.12	14	5
001435	1	26	17	89	.1	30	8	348	2.47	8	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001436	1	27	12	132	.1	27	10	387	3.17	4	1
001437	1	31	14	128	.1	31	9	684	2.43	2	2
001438	1	22	17	131	.1	28	9	368	2.65	5	1
001439	1	21	16	129	.1	29	8	347	2.48	4	2
001440	1	43	18	116	.3	47	10	456	3.28	9	1
001450	1	17	6	57	.1	26	5	177	1.81	2	2
001451	1	10	8	94	.1	20	4	112	1.32	2	1
001452	1	20	11	52	.1	34	6	170	1.83	2	1
001453	1	19	15	49	.1	24	5	171	2.01	2	2
001454	1	26	7	70	.1	46	8	171	2.44	2	1
001455	1	13	8	52	.1	18	4	122	1.48	2	1
001456	1	19	8	48	.1	27	5	162	1.79	2	1
001457	1	15	9	95	.1	29	6	184	2.19	2	4
001458	1	22	12	84	.1	36	7	271	2.63	3	1
001459	1	20	7	105	.1	33	6	251	2.42	2	1
001491	2	38	13	115	.2	35	8	373	2.90	2	2
001492	3	34	12	87	.1	31	8	428	2.51	2	2
001493	2	19	11	63	.1	33	8	235	2.56	4	1
001494	1	14	7	60	.1	27	6	235	2.08	4	1
001495	1	16	11	76	.1	31	7	232	2.26	4	2
001496	1	13	10	133	.1	30	7	351	2.38	2	2
001497	1	13	12	105	.1	29	7	298	2.34	2	1
001498	1	17	4	78	.1	30	6	233	2.14	3	1
001499	1	16	6	85	.1	33	7	376	2.32	2	1
001546	1	19	11	98	.1	25	6	214	2.35	3	2
001547	1	14	10	64	.2	19	5	189	2.02	5	1
001548	1	14	11	142	.1	27	8	254	2.25	3	7
001549	19	72	14	399	.4	109	20	487	5.90	11	2
001550	2	29	12	106	.3	30	7	281	2.53	4	3
001551	1	27	14	87	.2	31	7	237	2.47	3	1
001552	2	118	17	215	1.3	88	15	763	5.26	12	6
001553	1	35	15	114	.1	34	10	465	3.06	9	4
001554	1	34	14	113	.3	35	9	610	2.86	7	1
001561	1	23	15	164	.3	25	9	317	2.64	6	1
001562	2	28	18	119	.1	35	10	313	3.27	11	1
001563	1	144	24	426	3.7	137	21	1851	7.32	23	2
STD C/AU-S	19	59	41	132	7.1	67	27	884	3.86	37	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001564	1	18	23	102	.4	18	6	397	2.05	7	1
001565	1	22	14	106	.1	24	9	923	2.26	8	1
001566	1	14	28	67	.3	3	6	923	1.70	3	1
001567	1	35	11	135	.1	32	11	897	2.94	12	1
001568	1	43	12	87	.1	40	8	386	3.03	16	1
001569	1	121	21	173	1.5	81	14	766	4.87	18	1
001570	1	32	11	93	.1	31	10	582	2.54	10	1
001571	1	28	11	84	.2	28	6	314	2.17	9	1
001572	1	80	23	167	.7	68	17	1331	3.95	12	1
001573	1	22	14	115	.1	26	8	770	2.05	6	1
001574	1	30	10	115	.2	29	9	523	1.91	7	1
STD C/AU-S	19	67	37	124	7.6	70	28	991	3.79	39	52
001575	1	23	9	146	.4	31	9	1127	2.27	5	1
001576	1	25	20	207	.1	33	10	983	2.55	7	2
001577	1	20	13	127	.1	30	9	574	2.48	8	1
001579	1	20	15	306	.2	25	10	687	2.94	5	1
001580	1	15	11	112	.1	18	7	495	1.96	7	1
001581	1	222	23	203	2.8	122	15	1219	4.84	19	1
001582	1	21	23	346	.1	27	7	687	2.44	5	1
001584	1	11	8	76	.1	18	7	385	1.80	4	1
001595	1	20	7	112	.2	22	8	393	2.27	6	1
001596	1	19	6	117	.1	23	9	907	1.94	4	1
001597	1	24	11	114	.1	29	9	698	2.48	7	1
001598	1	33	10	89	.1	41	11	434	3.14	14	2
001599	1	21	8	118	.2	24	8	1007	2.28	6	1
001600	1	28	19	109	.1	29	9	580	2.59	14	4
001601	1	42	15	104	.2	40	10	660	3.12	16	1
001602	1	29	10	87	.1	26	7	356	2.31	13	1
001603	1	38	10	113	.3	32	9	776	2.74	12	1
001604	1	41	13	114	.1	36	10	763	2.95	13	1
001605	1	41	13	80	.1	36	11	567	2.88	19	2
001606	1	31	8	71	.1	30	8	398	2.54	9	1
001607	1	21	5	45	.1	27	6	219	1.95	6	1
001622	12	49	9	192	.3	53	18	569	6.24	13	1
001623	1	25	12	75	.1	31	9	617	3.04	8	1
001624	1	32	12	98	.1	35	11	591	2.86	8	3
001625	1	13	7	108	.1	25	6	368	1.81	3	1

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001626	1	12	9	123	.1	28	7	224	2.21	4	1
001627	1	12	9	80	.1	23	5	179	1.64	2	1
001628	1	15	10	60	.1	29	6	166	1.83	5	1
001629	1	13	9	93	.1	22	5	220	1.61	2	2
001630	1	20	11	82	.2	27	8	305	2.55	6	1
001631	1	22	10	69	.1	32	8	298	2.26	4	1
001632	1	14	16	92	.1	27	8	349	2.10	4	1
001633	1	18	11	90	.1	27	8	332	2.02	4	1
001634	1	29	14	77	.1	28	9	359	2.26	6	2
001635	1	13	9	72	.1	17	7	251	1.67	3	2
001636	5	29	16	87	.2	41	10	3804	2.79	11	1
001637	1	32	12	105	.1	42	11	442	2.59	8	22
001638	1	26	14	204	.1	35	9	369	3.86	9	1
001639	1	45	17	91	.2	38	12	393	2.79	5	1
001640	1	28	13	76	.1	30	11	857	3.08	8	1
001641	1	15	8	135	.1	19	7	337	2.54	5	1
001642	1	19	14	192	.1	20	9	754	2.85	7	2
001643	1	13	9	83	.1	25	6	216	1.71	2	1
001644	1	19	12	61	.1	35	8	350	2.30	5	1
001645	1	17	7	91	.1	33	8	292	2.32	4	2
001646	1	6	13	92	.1	14	4	172	1.36	3	1
001647	1	21	10	85	.1	38	7	297	2.29	4	1
001648	1	22	12	85	.1	39	8	328	2.67	6	1
001649	1	18	9	75	.1	33	7	266	2.28	5	2
001652	1	36	26	428	1.2	52	12	910	2.98	10	1
001653	1	27	19	300	.2	41	13	833	2.68	8	1
001654	1	17	18	272	.1	33	9	451	2.49	10	1
001655	1	10	9	80	.1	19	5	219	1.57	5	1
001656	1	13	13	190	.1	24	9	366	2.09	5	2
001657	1	33	17	130	.5	45	12	521	3.21	18	6
001658	1	42	22	254	.6	41	12	1533	3.13	11	1
001659	1	49	21	232	.2	41	16	868	3.73	13	2
001660	1	37	16	109	.4	41	9	462	2.83	13	1
001661	1	18	12	102	.2	23	7	409	2.20	8	1
001662	1	29	14	84	.1	34	9	394	2.70	13	1
001663	1	29	15	93	.1	35	9	406	2.72	12	1
STD C/AU-S	19	61	41	134	7.4	70	29	1024	3.98	39	53

BIG VALLEY RESOUCRCES PROJECT-128 HAT FILE # 87-3120

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001664	1	32	11	152	.4	35	9	587	2.65	9	1
001665	1	30	15	126	.2	30	8	317	2.60	10	1
001666	6	74	17	284	.5	41	33	2181	7.40	15	15
001667	1	33	21	150	.2	42	11	446	3.53	24	1
001668	3	51	13	84	.5	31	6	140	1.76	8	5
001669	1	35	8	126	.3	56	15	357	4.41	12	2
001670	1	30	16	88	.1	36	10	373	2.73	16	2
001671	1	35	11	125	.4	42	9	464	2.85	15	1
001700	1	14	6	49	.1	25	5	151	1.91	3	1
001701	1	9	7	60	.1	18	5	213	1.86	3	1
001702	1	17	11	76	.1	37	8	251	2.04	4	11
001703	1	21	8	77	.1	46	7	247	2.43	4	2
001704	1	16	11	69	.1	27	6	453	2.02	5	1
001705	1	18	9	61	.1	31	6	161	2.18	7	2
001743	1	20	12	83	.1	33	8	340	2.32	7	2
001744	1	31	13	128	.1	36	11	665	2.49	50	45
001745	1	23	12	73	.1	35	8	349	2.36	6	2
001746	1	14	8	98	.1	25	5	185	1.86	4	1
001747	1	21	8	51	.1	36	7	278	2.22	5	1
001748	1	23	10	64	.1	33	7	263	2.22	8	2
001749	1	23	11	85	.1	37	8	339	2.40	5	1
001750	1	24	13	79	.1	37	7	267	2.54	7	2
001751	1	63	14	154	.5	72	13	780	3.42	7	4
001752	2	205	16	197	.4	41	28	1046	5.89	22	9
001800	1	37	15	111	.1	39	13	633	3.14	12	2
001801	2	65	52	201	.3	47	14	549	3.74	60	22
001802	2	61	44	280	1.5	53	13	1160	3.84	43	4
001803	1	25	20	135	.5	30	7	243	2.46	24	6
001804	2	49	26	238	.3	34	12	729	6.99	804	3
001805	7	114	23	317	.3	67	21	624	6.62	116	5
001806	1	16	21	195	.4	21	7	433	2.30	11	3
001807	3	146	27	250	2.5	117	23	1735	7.53	38	5
001808	1	33	22	94	.1	30	9	301	2.87	15	2
001809	1	23	17	201	.2	26	10	616	2.73	12	2
001810	1	24	17	255	.3	27	10	705	3.02	10	1
001811	1	7	13	76	.1	9	3	159	1.19	3	2
STD C/AU-S	18	63	41	132	7.4	72	29	953	3.96	38	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001812	1	21	26	225	.1	25	7	565	2.84	9	2
001813	1	8	14	166	.4	10	3	252	1.48	3	28
001814	2	78	28	337	2.6	71	15	1843	4.64	20	2
001815	1	40	17	151	.4	46	12	785	3.78	19	9
001816	1	49	14	112	.4	48	13	717	3.40	23	8
001879	1	38	11	135	.8	48	9	663	2.95	4	1
001880	2	51	12	93	.1	50	12	557	3.54	13	3
001881	1	26	11	99	.1	30	9	425	2.64	8	1
001882	1	18	10	72	.1	28	7	233	2.29	8	1
001883	1	25	7	76	.1	35	6	277	2.37	8	1
001884	1	17	8	125	.1	27	8	324	2.16	5	1
001885	1	20	9	83	.1	32	7	250	2.44	9	1
001886	1	17	11	79	.1	34	7	238	2.24	8	1
001887	5	54	15	103	.4	58	10	681	4.42	16	3
001888	1	18	7	111	.1	29	6	253	2.21	6	1
001968	1	19	8	67	.1	30	7	368	1.99	5	1
001969	1	36	11	98	.2	34	6	355	1.71	2	3
001970	1	25	12	95	.1	32	8	623	2.56	7	1
001971	1	28	9	72	.1	39	8	423	2.80	7	15
001972	1	17	6	86	.1	25	6	271	2.07	4	2
001973	1	59	10	136	.6	67	11	843	3.77	9	3
001974	1	16	8	64	.1	28	6	233	2.04	4	1
001975	1	24	9	90	.1	37	7	273	2.52	4	5
001976	1	24	9	81	.1	35	6	313	2.35	4	1
001977	1	15	7	72	.2	25	5	177	2.07	4	1
001978	1	11	9	69	.1	19	5	201	1.66	2	1
001979	1	11	10	65	.1	19	4	204	1.61	2	1
002052	1	24	11	81	.1	31	8	364	2.28	5	6
002053	1	35	11	81	.1	41	8	299	2.47	4	1
002054	1	27	9	79	.1	31	7	248	2.26	5	3
002055	1	18	9	70	.1	25	6	227	2.18	5	1
002056	1	19	6	59	.1	27	6	216	1.92	4	3
002057	1	29	8	82	.1	32	8	313	2.49	4	6
002058	1	24	9	71	.1	32	7	218	2.48	5	2
002059	1	34	16	131	.2	21	10	686	2.73	6	1
002060	1	25	8	86	.1	38	8	338	2.54	6	1
STD C/AU-S	19	62	39	131	7.3	70	28	947	3.94	38	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002061	1	8	10	32	.2	16	4	142	1.56	2	1
002062	1	29	16	207	.5	26	14	819	4.19	7	2
002063	1	13	7	69	.3	19	6	296	2.02	2	1
002095	1	33	10	81	.1	38	8	363	2.92	5	1
002096	1	56	14	124	.3	59	9	373	3.66	6	2
002097	1	22	11	94	.2	34	8	283	2.67	5	1
002098	1	18	9	96	.1	32	7	354	2.73	4	1
002099	1	11	7	66	.2	20	5	218	1.98	2	3
002100	1	46	9	93	.3	52	12	514	3.37	7	3
002101	1	17	13	176	.3	23	12	1104	2.45	3	1
002102	1	34	16	110	.3	39	12	505	3.32	10	1
002103	1	22	9	107	.2	37	10	449	2.79	4	3
002106	1	20	20	214	.2	23	10	651	2.93	3	1
002121	2	32	8	76	.2	36	11	1305	3.37	6	1
002122	1	27	10	79	.1	30	12	988	3.42	3	3
002123	1	42	11	87	.3	38	9	399	3.10	3	2
002124	3	33	12	216	.2	34	15	2342	3.35	5	2
002125	1	13	10	72	.1	15	5	158	1.83	2	1
002126	3	60	8	104	.2	43	11	1605	3.62	8	1
002127	3	62	13	119	.6	50	15	1165	5.32	19	3
002128	1	24	11	74	.1	31	11	1229	3.03	4	2
002129	1	33	11	89	.1	35	11	1437	3.33	3	1
002130	1	38	10	60	.3	37	8	277	2.66	6	2
002131	1	18	9	187	.2	30	10	929	2.80	3	1
002132	1	20	11	59	.1	33	7	378	2.50	2	2
002133	1	26	9	69	.1	39	8	357	2.52	2	3
002134	1	19	8	65	.1	31	7	266	2.24	2	1
002227	1	22	15	63	.1	22	6	217	2.26	6	8
002228	1	24	5	62	.2	22	7	332	2.13	5	7
002229	1	43	11	86	.2	34	8	340	3.15	11	1
002230	1	33	13	74	.2	33	9	274	2.73	7	3
002231	1	21	11	151	.1	29	9	432	2.66	7	2
002232	1	20	9	65	.1	20	5	170	1.85	5	2
002233	1	22	12	88	.1	29	9	608	2.48	5	2
002234	1	31	14	125	.2	37	11	390	3.17	7	3
002235	1	16	16	95	.1	23	7	374	2.13	5	1
STD C/AU-S	18	62	40	129	7.1	68	28	913	3.90	39	51

BIG VALLEY RESOURCES PROJECT-128 HAT FILE # 87-3120

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002236	1	18	12	122	.1	29	10	498	2.57	2	1
002237	1	22	12	124	.1	34	10	722	2.82	4	1
002301	1	10	11	95	.1	26	6	237	2.38	2	1
002302	1	21	8	78	.1	39	9	361	3.00	2	1
002303	3	69	14	250	.6	48	18	573	4.90	2	1
002304	1	13	5	69	.1	25	6	342	2.35	2	2
002305	1	36	10	91	.3	52	13	709	3.45	3	1
002306	2	18	11	141	.1	29	11	535	2.88	6	2
002307	1	28	9	140	.1	34	10	582	2.94	5	1
002308	1	25	7	73	.1	36	7	303	2.54	4	2
002309	1	30	8	107	.1	40	8	504	2.63	3	3
002310	1	18	12	77	.2	27	7	326	2.08	2	1
002311	1	34	11	72	.1	40	10	450	3.06	9	1
002312	1	20	7	77	.1	32	7	246	2.57	4	21
002313	1	24	8	88	.1	36	9	325	2.93	10	3
STD C/AU-S	18	59	42	131	7.2	69	28	920	3.89	38	46

E ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 25[illegible]011

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 10 1987 DATE REPORT MAILED: Aug 18/87 ASSAYER: D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

BIG VALLEY RESOURCES PROJECT-128 File # 87-3128 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000067	1	61	11	203	.1	35	14	677	3.98	9	6
000068	8	147	20	175	.2	46	25	1372	5.14	16	5
000069	3	39	8	105	.2	44	17	2239	6.54	28	1
000070	1	18	8	91	.1	29	8	442	2.44	4	1
000071	1	16	5	73	.2	27	6	270	2.39	6	4
000072	1	18	4	76	.1	30	7	329	2.44	11	2
000073	1	8	3	72	.1	17	5	414	1.77	5	1
000074	1	11	2	61	.1	21	5	204	1.97	8	1
000075	1	21	9	70	.2	30	7	341	2.74	10	1
000076	1	18	8	73	.1	26	7	441	2.44	6	1
000077	1	25	7	74	.1	31	8	429	2.72	8	1
000078	2	27	6	100	.1	34	10	680	3.24	10	1
000079	1	16	6	57	.1	26	6	268	2.22	4	1
000080	1	14	8	65	.1	19	7	352	2.57	3	5
000081	2	66	14	258	.8	13	26	2273	6.63	5	6
000082	1	119	5	142	1.5	49	10	766	3.04	5	3
000083	5	41	15	123	.4	15	10	326	6.92	10	1
000084	1	14	6	48	.1	25	7	206	2.28	6	1
000085	1	24	14	242	.5	17	19	2424	5.09	9	1
000086	2	31	10	231	1.8	15	14	931	5.58	3	2
000087	4	50	18	284	.7	58	13	531	6.98	28	3
000088	1	13	5	66	.1	26	5	217	2.11	8	1
000089	1	10	2	66	.1	21	6	373	1.85	2	1
000090	1	11	4	67	.2	22	5	185	1.83	5	11
000091	1	13	5	65	.1	24	6	214	2.04	4	3
000092	1	11	4	77	.1	22	5	225	2.23	4	1
000093	1	11	6	72	.1	22	5	185	1.79	2	1
000094	1	11	6	65	.1	18	5	243	1.67	2	1
000095	1	8	2	56	.3	15	4	162	1.52	2	1
000096	1	6	4	48	.1	13	4	164	1.48	4	1
000097	1	8	5	57	.4	17	4	162	1.74	2	2
000098	1	7	6	57	.3	15	4	186	1.54	2	1
000099	1	28	9	141	.5	43	9	512	3.18	7	1
000100	1	27	8	167	.4	34	11	761	2.92	12	4
000101	1	23	8	84	.3	35	9	497	2.63	11	1
000102	1	10	7	56	.3	21	4	136	1.43	4	1
STD C/AU-S	18	59	39	131	7.4	71	28	942	3.96	41	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000103	1	10	7	91	.1	26	6	245	2.05	5	1
000104	1	7	4	59	.1	21	5	155	1.71	4	2
000105	1	13	7	82	.1	30	7	244	1.99	4	2
000106	1	14	3	37	.2	23	5	237	1.65	4	1
000107	1	12	7	80	.1	22	5	384	1.82	3	1
000108	1	10	6	69	.1	23	6	266	2.15	6	2
STD C/AU-S	20	59	41	133	7.1	73	29	994	3.94	38	50
000159	1	19	4	71	.3	28	5	194	1.95	5	1
000160	1	38	7	110	.3	44	9	432	2.92	9	6
000161	2	30	6	102	.3	40	9	509	2.45	8	4
000162	1	36	6	114	.2	47	10	428	2.97	15	2
000163	1	34	7	107	.3	43	10	549	2.92	11	5
000164	1	21	6	99	.2	31	6	364	2.29	7	3
000165	3	113	7	102	1.8	99	12	239	5.13	17	1
000166	1	25	6	63	.2	31	7	305	2.29	10	8
000167	1	13	4	106	.1	22	7	272	2.29	7	6
000168	1	14	5	81	.1	20	6	393	2.13	11	4
000169	2	24	7	80	.1	33	7	238	2.58	10	5
000170	1	21	8	85	.1	29	7	247	2.44	10	1
000171	1	13	5	92	.1	23	7	282	2.05	8	4
000172	1	11	7	92	.1	19	5	200	1.64	3	2
000173	1	9	7	75	.1	18	6	326	1.68	3	1
000174	2	17	6	58	.1	29	10	311	2.61	7	2
000175	2	49	13	192	.7	54	15	1079	3.78	8	1
000176	1	13	8	83	.1	23	6	377	1.82	4	2
000177	1	23	8	80	.1	27	6	345	2.43	9	1
000178	1	13	2	85	.1	23	5	233	1.75	3	7
000179	1	21	9	88	.2	26	5	242	2.05	4	4
000180	1	22	5	66	.2	29	6	273	2.41	8	2
000181	1	12	6	83	.2	23	6	260	2.01	4	1
000182	1	12	5	82	.1	22	6	262	1.85	4	1
000183	1	25	11	96	.5	34	11	465	2.89	9	2
000184	1	20	5	67	.3	21	5	190	2.49	11	3
000185	3	45	8	227	.2	39	14	791	4.82	7	1
000186	1	21	7	73	.3	25	7	246	2.21	9	2
000187	1	16	2	114	.2	27	7	324	2.23	2	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000188	1	11	7	122	.2	18	7	212	2.50	4	1
000189	1	15	8	86	.2	20	6	161	2.24	7	1
000190	1	10	7	60	.3	11	4	389	1.26	2	1
000191	1	44	8	75	.3	33	11	380	3.12	15	1
000192	1	31	14	91	.1	34	11	449	2.81	8	1
000193	1	34	7	162	.3	35	10	683	2.67	4	1
000194	1	28	11	166	.2	23	12	1159	3.01	11	1
000195	1	15	6	112	.3	23	9	808	2.35	6	1
000340	1	17	8	158	.2	21	8	888	1.89	2	1
000341	1	23	7	99	.3	27	7	315	2.30	10	3
000342	3	47	14	217	.1	43	18	2185	4.67	26	5
000343	1	26	8	89	.1	29	9	499	2.50	9	2
000344	1	27	6	88	.3	46	9	270	3.03	15	1
000345	1	29	12	74	.2	44	11	445	3.21	10	1
000346	1	9	5	112	.1	22	5	234	2.02	3	2
000347	1	13	7	110	.2	31	7	236	2.32	5	1
000348	2	139	19	183	.8	67	14	1656	5.30	28	4
000349	1	16	7	49	.1	25	7	276	2.22	5	1
000401	1	23	4	82	.2	25	9	419	2.37	6	20
000402	1	90	15	153	.8	65	12	689	4.53	15	5
000403	1	50	11	99	.4	41	11	597	3.17	5	1
000404	1	32	6	93	.3	31	9	498	2.66	5	3
000405	1	30	10	115	.5	35	10	624	2.76	11	1
000406	1	30	8	152	.3	40	11	287	3.30	11	2
000407	1	32	5	113	.3	34	9	476	2.69	7	1
000408	1	19	9	101	.1	24	8	349	2.20	8	1
000409	2	70	11	128	.7	62	13	737	4.23	24	7
000410	1	54	11	171	.4	51	13	611	4.15	16	1
000411	2	55	11	115	.3	49	14	704	3.78	18	3
000412	2	72	11	156	.7	59	15	928	4.51	19	1
000413	1	38	12	130	.5	46	12	692	3.53	13	6
000414	1	31	9	109	.3	36	9	360	2.94	13	1
000415	1	86	9	138	.8	56	15	1193	4.06	12	1
000416	1	27	4	106	.1	31	10	490	2.75	3	1
000417	1	31	7	87	.3	29	10	488	2.63	8	2
000418	1	39	6	82	.3	32	9	451	2.83	12	1
STD C/AU-S	18	59	39	133	7.7	71	29	945	3.94	41	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000428	1	14	7	120	.1	21	6	205	2.37	8	2
000429	1	16	4	92	.1	23	5	213	1.89	6	1
000430	1	11	3	80	.1	18	5	272	1.59	7	3
000431	1	16	10	245	.4	38	10	963	2.85	11	1
000432	2	32	10	169	.4	34	10	488	3.49	17	3
000433	1	9	4	54	.1	16	4	152	1.38	5	1
000434	1	17	9	97	.4	29	7	371	2.24	7	1
000435	1	25	12	136	.5	43	9	794	2.80	7	1
000436	1	37	12	76	.2	41	11	576	2.99	12	1
000501	1	79	15	143	.8	64	11	530	3.83	13	2
000502	1	29	5	87	.1	30	9	397	2.60	10	2
000503	1	26	8	84	.3	28	7	273	2.38	9	3
000504	1	31	11	89	.5	38	9	577	2.44	7	1
000505	1	7	6	87	.1	12	4	171	1.29	4	1
000506	1	27	7	111	.1	24	9	559	2.44	9	1
000507	1	27	9	72	.1	26	6	338	2.40	11	3
000508	1	20	5	72	.1	24	5	206	2.02	7	13
000509	1	39	9	72	.1	32	7	308	2.83	9	10
000519	2	28	11	78	.3	33	7	346	2.39	8	1
000520	2	46	10	120	.8	46	9	487	2.83	10	2
000521	2	29	11	125	.4	33	7	342	2.55	7	1
000522	2	55	15	115	.6	49	9	473	3.13	10	1
000523	1	11	6	49	.1	25	5	191	1.74	5	2
000524	1	20	7	61	.1	36	6	271	2.23	8	2
000525	1	14	10	94	.1	31	7	173	2.08	6	1
000526	1	12	11	104	.1	25	6	415	1.90	5	2
000527	1	11	7	79	.4	22	4	158	2.02	10	1
000537	1	14	16	124	.3	21	9	731	1.82	4	1
000538	2	39	18	123	.5	36	11	509	3.06	15	1
000539	1	16	12	97	.4	25	6	290	2.02	7	1
000540	2	61	26	229	1.3	84	15	1566	3.97	19	2
000541	2	40	16	146	.8	49	13	770	3.09	17	11
000542	1	5	11	70	.2	11	4	197	1.52	3	1
000543	1	16	18	120	.1	26	7	526	2.32	38	2
000550	1	13	10	111	.1	18	6	515	1.94	4	126
000551	2	34	23	254	.3	44	19	2219	3.52	10	8
000552	1	19	8	73	.1	25	7	267	2.57	10	3
STD C/AU-S	19	58	38	133	7.1	70	28	927	3.94	40	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000570	1	15	2	80	.1	26	5	178	2.15	11	1
000571	2	30	10	112	.1	41	10	525	2.75	15	1
000572	1	14	4	68	.1	26	5	168	1.92	8	3
000573	2	22	7	103	.1	30	7	329	2.32	12	2
000574	1	18	2	97	.1	30	6	239	2.15	10	1
000575	1	34	7	102	.3	47	8	349	2.85	10	2
000576	1	39	2	107	.2	51	9	425	3.01	16	4
000577	1	33	6	78	.1	39	8	356	2.56	12	2
000578	2	33	11	206	.3	37	14	1419	3.67	22	1
000579	1	31	6	117	.1	41	9	346	2.77	14	2
000580	1	27	9	134	.1	38	9	356	2.84	15	3
000581	1	21	9	139	.1	34	8	330	2.60	13	1
000582	2	13	14	120	.2	19	9	1020	1.99	6	2
000583	1	5	4	62	.1	5	2	436	.82	4	1
000584	1	14	9	132	.1	23	8	654	2.11	6	1
000585	1	29	11	148	.2	41	10	688	2.63	16	3
000586	1	27	8	139	.3	39	9	429	2.79	15	2
000587	1	15	7	108	.1	27	6	295	1.97	9	1
000588	1	23	3	106	.1	36	8	322	2.33	9	4
000589	1	48	8	196	.6	53	15	1209	3.03	10	1
000590	1	69	15	233	.8	64	16	1396	3.38	13	1
000591	1	46	12	126	.8	52	11	537	3.09	18	4
000592	2	41	10	178	.6	39	16	2244	2.85	13	1
000593	1	27	11	147	.7	37	11	821	2.54	12	3
000594	1	15	8	268	.1	21	8	1140	1.86	6	1
000595	1	15	13	137	.2	25	10	1278	2.45	12	1
000620	1	24	7	116	.4	40	9	235	3.08	12	1
000621	1	18	8	98	.2	27	8	336	2.24	6	1
000622	1	21	2	66	.1	27	6	279	2.04	7	3
000623	1	19	4	89	.2	31	8	281	2.38	6	31
000624	2	76	5	131	.7	63	12	638	3.99	20	4
000625	2	49	6	99	.5	42	12	663	3.72	23	1
000626	2	83	10	117	.8	54	13	770	3.63	21	1
000627	2	41	6	104	.4	43	11	523	3.17	15	1
000628	2	61	7	101	1.0	46	11	502	3.44	15	1
000629	2	52	5	102	.5	43	12	644	3.36	15	1
STD C/AU-S	19	61	39	133	7.6	72	29	1012	3.97	41	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000630	2	53	9	166	.7	45	12	577	4.08	19	3
000631	2	96	6	161	.7	62	14	1034	4.24	15	2
000632	1	38	8	109	.4	38	9	464	2.99	14	7
000633	2	38	9	91	.5	34	10	542	2.77	14	1
000634	2	31	5	85	.3	32	10	499	2.85	10	6
000635	1	33	6	95	.3	33	9	646	2.81	12	1
000673	1	16	10	79	.2	25	6	233	2.16	10	1
000674	1	21	5	96	.1	30	7	284	2.64	14	1
000675	1	19	2	57	.3	37	7	348	2.47	10	3
000676	1	25	12	73	.4	32	8	532	2.29	11	1
000677	1	16	3	73	.2	28	6	206	2.24	7	1
000678	1	22	6	69	.3	37	7	255	2.31	9	1
000679	1	21	7	58	.4	29	6	348	2.24	7	1
000680	1	15	7	120	.3	27	7	289	2.31	8	1
000681	1	21	5	72	.3	29	6	283	2.32	10	2
000682	1	40	6	109	.6	33	8	351	2.73	10	1
000683	1	11	6	86	.1	22	6	224	2.22	5	1
000684	1	11	4	62	.1	21	4	168	1.77	4	4
000685	2	39	7	78	.4	53	12	574	3.48	16	2
000686	1	41	6	54	.3	34	6	307	2.57	6	1
000687	1	25	4	65	.2	26	6	253	2.42	6	1
000688	1	12	5	63	.1	21	5	169	2.07	8	2
000689	1	13	5	81	.1	25	6	282	1.84	6	1
000690	2	34	5	68	.1	34	9	377	2.95	10	3
000691	2	30	7	146	.1	23	13	659	3.60	13	2
000692	1	23	6	83	.2	33	8	345	2.43	8	1
000693	1	30	11	89	.2	36	7	375	2.51	9	1
000694	2	42	11	90	.5	45	11	432	3.29	20	1
000695	2	51	10	111	.3	44	11	587	3.40	20	2
000696	2	56	10	115	.4	42	10	534	3.27	16	6
000697	2	67	12	98	.6	49	10	400	3.40	21	6
000698	2	68	10	104	.5	45	12	507	3.87	22	3
STD C/AU-S	20	61	40	131	7.2	71	29	972	4.00	41	50
000699	1	45	10	107	.4	38	10	482	2.97	12	2
000700	2	58	6	164	.6	52	12	637	3.70	16	6
000701	1	13	6	101	.1	27	6	251	1.97	6	2
000702	1	17	4	122	.1	34	8	187	2.73	11	2
000703	1	27	7	68	.1	39	10	494	2.64	7	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000704	1	10	2	92	.1	18	5	227	1.71	5	1
000705	1	14	2	82	.1	26	6	354	1.88	4	1
000706	3	116	19	380	.6	29	25	1973	5.82	23	4
000707	1	12	9	126	.2	21	6	210	2.27	7	1
000708	1	16	2	98	.1	37	7	215	2.55	13	1
000709	1	17	5	80	.1	26	5	183	1.99	7	1
000710	1	18	6	87	.1	30	7	202	2.57	10	74
000711	1	24	5	63	.1	42	9	397	2.68	14	3
000712	1	73	7	102	.2	44	17	895	3.95	17	2
000713	1	33	6	91	.2	32	11	667	2.83	14	1
000714	1	102	7	106	.4	29	25	616	8.51	8	1
000715	1	31	5	81	.1	39	9	358	2.81	11	2
000716	1	57	4	95	.2	42	12	551	3.79	17	4
000717	1	31	6	87	.2	39	8	374	2.77	11	1
000718	1	36	5	132	.3	40	9	437	2.86	12	1
000719	1	14	4	90	.1	22	6	232	1.83	4	1
000720	1	23	4	93	.2	32	7	337	2.29	7	1
000721	1	22	4	134	.2	29	9	359	2.65	10	1
000722	2	67	5	174	.4	60	12	682	3.83	23	1
000723	1	31	9	134	.1	35	11	538	3.20	12	2
000724	2	87	9	163	.8	46	15	862	4.71	23	5
000725	2	40	7	143	.4	41	13	788	3.72	15	1
000726	1	42	6	144	.2	39	11	491	3.39	17	2
000727	2	152	16	246	1.5	98	18	1131	6.51	35	10
000728	1	23	7	97	.2	28	8	359	2.53	11	4
000729	1	50	10	142	.7	47	12	590	3.52	19	3
000730	1	49	6	151	.3	48	13	761	3.88	16	5
000731	1	20	3	94	.2	27	6	273	2.32	9	3
000732	1	20	2	72	.1	26	7	292	2.29	6	3
000733	1	19	5	90	.2	25	8	279	2.33	9	1
000734	2	47	14	209	.5	36	13	442	4.79	15	1
000735	1	25	8	94	.3	29	9	532	2.84	11	1
000736	1	23	3	86	.2	31	7	323	2.63	11	4
000737	1	17	3	79	.1	22	6	199	2.21	10	1
000738	1	17	3	148	.2	24	6	208	2.25	7	2
000739	1	17	3	113	.1	25	8	524	2.29	7	1
000740	1	22	5	64	.1	30	7	219	2.69	12	1
STD C/AU-S	19	59	40	132	7.2	70	28	1040	3.97	40	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000741	1	15	4	63	.3	25	7	234	2.11	10	2
000742	1	16	4	81	.6	26	7	314	2.27	9	3
000743	1	31	11	109	.4	31	7	261	2.67	13	14
000744	1	18	9	92	.2	24	6	275	2.11	7	1
000745	1	25	9	108	.1	29	8	329	2.70	17	1
000746	1	26	8	96	.5	30	8	396	2.47	9	4
000747	1	42	9	95	.4	35	10	524	2.77	11	2
000748	1	35	6	105	.6	35	8	479	2.56	10	4
000749	1	41	7	94	.2	36	9	363	3.02	15	10
000750	1	20	5	172	.4	35	9	228	2.72	11	1
000751	1	18	6	94	.2	28	8	274	2.31	7	3
000752	1	24	10	87	.5	41	9	474	2.84	9	10
000753	1	34	8	90	.6	41	11	550	3.35	16	1
000769	2	37	9	152	.5	42	11	495	3.58	21	2
000770	1	23	7	113	.4	34	9	369	2.77	10	1
000771	1	63	10	68	.4	24	7	155	2.22	10	1
000772	3	86	7	108	1.0	46	11	942	3.61	17	2
000773	2	52	12	118	.1	60	12	383	3.75	23	1
000774	1	46	9	96	.6	38	9	397	2.90	12	2
000775	2	79	15	116	.3	58	16	876	4.42	27	21
000776	1	34	7	85	.3	33	9	489	2.90	15	4
000777	1	41	7	85	.3	43	10	380	3.36	18	4
000778	1	35	11	127	.2	34	12	530	3.40	15	4
000779	1	36	9	142	.2	31	16	631	4.49	13	55
000780	2	90	15	115	.4	59	18	968	4.78	24	11
000781	1	30	12	102	.2	34	9	422	2.81	11	2
000782	1	42	9	119	.2	37	10	399	3.04	12	1
000783	2	79	15	152	1.0	76	13	838	5.00	19	1
000784	1	61	9	142	.7	60	11	538	4.28	18	1
000785	1	17	7	174	.3	26	8	334	2.64	7	1
000786	1	15	6	80	.1	20	6	337	2.06	6	1
000787	1	19	8	71	.5	28	7	336	2.32	6	10
000788	1	26	10	110	.3	38	10	468	2.82	10	3
000789	1	25	7	81	.1	33	8	385	2.66	7	1
STD C/AU-S	19	60	39	137	7.7	73	30	988	4.11	41	53
000790	2	61	16	209	.6	70	16	1792	4.96	15	1
000791	1	20	6	86	.3	29	7	344	2.12	2	2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000792	1	25	5	123	.5	29	11	473	2.64	8	1
000793	1	36	9	94	.4	37	11	720	3.21	10	2
000794	1	17	2	74	.4	22	8	465	2.21	7	1
000795	1	16	2	65	.4	22	7	285	2.39	8	9
000796	1	42	4	76	.5	36	7	259	2.80	13	4
000797	1	25	2	130	.4	37	9	286	3.04	13	1
000798	1	30	3	96	.3	26	5	197	1.83	8	1
000799	1	23	6	100	.5	27	7	388	2.31	6	1
000800	1	6	2	44	.3	12	4	204	1.39	5	1
000801	1	44	3	109	.4	45	10	591	3.20	13	4
000802	1	42	7	77	.2	37	11	522	3.18	12	3
000803	1	24	3	68	.4	28	7	302	2.33	10	2
000804	1	24	2	92	.2	30	7	235	2.67	10	1
000805	1	19	2	100	.3	31	7	247	2.49	9	1
000806	1	24	2	86	.3	33	7	260	2.52	7	6
000807	1	28	2	69	.1	36	9	475	2.75	9	1
000808	1	31	3	94	.2	36	10	358	2.81	16	10
000809	1	21	9	58	.3	27	8	290	2.35	11	1
000810	1	18	4	59	.3	32	8	297	2.63	12	2
000821	1	17	2	120	.2	26	9	359	2.67	5	1
000822	3	26	8	87	.5	34	12	1223	4.36	17	1
000823	1	28	7	54	.3	34	7	246	2.41	6	1
000824	1	42	2	89	.3	49	11	569	3.31	11	1
000825	1	28	3	70	.2	37	7	397	2.69	5	1
000826	1	45	6	75	.4	47	8	361	3.32	9	1
000827	1	51	9	137	.8	61	11	571	3.91	9	1
000828	1	15	5	95	.3	24	7	429	2.15	4	1
000829	1	13	4	63	.2	28	7	267	2.36	6	1
000830	1	14	2	71	.1	28	7	239	2.34	3	1
000831	1	15	4	59	.2	28	6	256	2.13	5	4
000851	1	32	12	124	.7	41	10	459	3.63	25	9
000852	1	33	12	138	.4	36	10	566	3.35	19	2
000853	2	58	22	210	.5	53	15	617	4.87	42	3
000854	2	26	13	157	.2	31	11	423	3.55	21	1
000855	3	96	17	420	.6	47	36	1144	5.72	20	1
000856	1	21	10	150	.4	29	8	360	3.23	19	2
STD C/AU-S	18	57	36	132	7.3	69	28	917	3.93	39	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000857	1	17	5	110	.5	28	6	494	2.28	7	2
000858	1	33	14	157	.1	20	15	668	5.56	280	4
000859	1	47	8	176	.3	25	15	1289	3.75	245	12
000860	1	16	9	117	.2	17	7	793	2.23	9	1
000861	1	22	5	93	.4	25	6	284	2.42	10	1
000862	1	27	4	94	.4	30	8	311	2.62	17	1
000863	1	18	8	98	.2	25	6	284	2.07	5	1
000864	1	35	14	101	.2	39	9	391	3.17	17	1
STD C/AU-S	19	59	38	134	7.6	72	29	963	3.89	41	48
000865	1	21	7	109	.3	27	7	364	2.38	10	1
000866	1	7	4	60	.3	8	3	218	1.18	5	1
000867	1	13	10	98	.2	23	5	214	1.90	7	1
000868	1	15	6	96	.2	20	6	165	2.16	9	1
000869	1	23	14	152	.2	25	6	199	2.84	14	1
000870	1	16	9	88	.3	18	5	328	1.87	4	1
000871	3	80	15	146	1.2	58	14	1370	4.04	25	1
000872	4	85	7	227	1.7	77	9	915	4.31	19	1
000873	14	93	14	168	1.2	99	17	4700	5.65	58	2
000874	1	39	13	154	.4	36	11	734	2.90	14	1
000875	1	20	7	117	.3	29	7	285	2.38	3	1
000876	1	28	10	117	.6	49	12	342	3.34	9	8
000877	1	33	9	106	.1	35	9	308	2.77	15	3
000878	2	79	13	160	.7	63	12	504	4.12	21	2
000879	1	82	14	153	.9	62	12	631	4.00	22	2
000880	2	106	22	173	1.3	79	15	1031	5.25	36	1
000881	2	119	13	172	2.3	87	13	771	4.93	28	4
000882	1	23	8	180	.4	30	9	312	3.19	16	1
000883	1	16	11	140	.1	20	6	296	2.13	14	1
000884	1	15	11	155	.3	20	9	706	2.31	8	1
000885	1	10	4	85	.2	12	5	330	1.32	7	1
000886	1	10	10	103	.1	16	7	1101	1.89	7	1
000887	1	22	5	111	.2	21	7	347	2.45	13	2
000888	2	35	8	195	.1	33	13	568	3.30	34	43
000889	1	29	14	91	.3	24	9	236	3.60	21	2
000890	2	87	13	135	.2	38	16	471	5.35	12	1
000891	4	113	14	162	2.6	83	12	1680	4.26	36	1
000892	1	21	7	74	.3	33	7	254	2.50	13	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000893	2	22	14	134	.3	22	7	245	2.41	12	3
000894	2	20	27	169	.2	24	9	406	2.89	18	1
000895	1	14	10	122	.1	17	8	1030	1.92	8	1
000896	2	21	13	115	.4	29	8	430	2.75	16	1
000897	3	24	17	210	.3	28	10	364	3.70	22	1
000898	142	425	28	303	.6	74	42	854	14.62	39	1
000899	2	10	9	144	.3	26	7	252	2.10	5	9
000900	2	27	12	75	.2	41	9	560	2.97	8	4
000985	1	10	6	46	.3	21	5	123	1.79	6	1
000986	1	17	9	67	.2	31	6	280	2.26	5	1
000987	1	11	8	88	.1	24	5	188	1.87	5	2
000988	1	11	6	66	.3	23	4	167	1.76	2	1
000989	1	9	7	71	.2	17	4	243	1.51	4	1
000990	1	11	10	74	.1	21	5	219	1.76	7	4
000991	1	15	6	64	.2	26	6	216	2.09	2	2
001002	1	10	9	85	.1	21	7	276	2.04	7	1
001003	1	19	9	64	.1	26	6	184	2.29	5	1
001004	1	19	7	100	.3	32	7	322	2.44	8	1
001005	1	14	5	87	.2	25	6	223	2.03	4	1
001006	1	31	10	146	.4	53	9	453	3.16	7	1
001007	1	20	10	79	.1	38	7	312	2.71	10	1
001008	1	18	5	68	.1	29	5	227	2.27	6	1
001009	1	19	4	66	.4	27	5	172	1.95	6	1
001010	1	9	7	89	.1	19	4	174	1.63	2	2
001011	2	26	8	94	.2	34	8	235	2.58	9	3
001015	3	60	12	132	.7	68	11	549	4.35	17	2
STD C/AU-S	19	58	41	129	7.5	70	28	935	3.90	39	52
001049	1	30	7	148	.1	30	8	326	3.13	6	1
001050	1	19	11	118	.2	23	6	347	2.09	10	1
001051	1	20	15	114	.2	27	7	237	2.52	14	1
001052	2	24	14	123	.4	33	8	451	2.59	15	6
001053	2	77	24	180	1.4	72	15	928	4.81	34	3
001054	2	37	21	175	.6	44	12	659	3.65	26	1
001055	2	42	9	76	.5	33	8	394	2.36	12	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001056	1	13	6	211	.1	21	8	357	2.47	10	2
001057	1	13	6	131	.3	22	8	1036	2.13	5	2
001058	2	27	16	110	.6	26	9	304	3.13	16	1
001059	1	7	7	177	.4	5	5	1926	1.50	6	2
001060	1	38	11	136	.2	22	14	791	3.70	12	1
001061	1	49	13	90	.3	47	12	401	3.45	20	3
001062	4	29	7	119	.5	32	10	238	3.32	20	1
001063	8	96	19	435	.3	34	30	737	7.31	1483	8
001064	1	16	9	181	.3	21	10	610	2.61	20	1
001065	2	43	12	105	.3	33	9	360	2.70	17	1
001066	1	18	11	120	.3	23	8	396	2.20	13	2
001067	1	27	11	99	.1	29	10	339	2.68	14	2
001068	1	24	12	100	.1	31	8	412	2.47	9	1
001069	1	26	12	125	.3	36	10	311	2.89	14	1
001070	1	17	10	144	.2	25	8	273	2.47	7	1
001071	1	20	11	100	.3	21	6	243	1.95	7	11
001072	1	40	15	92	.7	34	9	269	2.92	10	2
001073	1	21	9	109	.5	23	6	244	2.15	8	2
001074	1	15	9	94	.2	17	5	179	1.71	5	1
001075	1	25	4	83	.3	27	6	229	2.34	13	1
001076	1	23	9	84	.1	32	7	230	2.24	11	1
001077	1	20	11	89	.3	24	8	357	2.32	8	1
001078	1	30	7	89	.2	28	7	312	2.38	10	1
001079	1	22	9	76	.1	22	5	199	2.11	10	1
001080	1	30	7	119	.6	25	8	248	2.83	12	1
001081	1	23	9	78	.2	29	7	273	2.33	8	2
001082	1	27	8	76	.2	29	7	325	2.35	12	7
001083	1	24	8	122	.4	27	7	330	2.62	13	1
001084	1	30	7	69	.2	31	8	295	2.55	14	2
STD C/AU-S	20	61	40	132	7.2	68	30	993	3.82	40	48
001085	1	18	5	74	.1	24	7	266	2.14	8	7
001086	1	19	8	64	.1	24	6	270	2.10	11	1
001087	1	24	13	89	.2	26	7	303	2.28	11	1
001088	1	20	10	84	.1	27	7	291	2.08	8	1
001089	1	22	8	65	.1	25	6	234	1.98	11	2
001090	1	27	6	78	.2	27	6	274	2.13	6	3
001091	1	25	7	75	.2	28	7	286	2.16	12	2

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001092	1	22	7	84	.1	26	7	201	1.80	6	2
001093	1	32	2	97	.3	36	8	426	2.40	6	3
001094	1	29	7	94	.2	39	9	447	2.62	7	1
001095	1	16	7	96	.1	24	7	360	2.01	6	1
001096	1	30	5	105	.2	31	9	843	2.64	6	8
001097	1	21	11	64	.1	23	6	274	2.03	5	1
001098	1	18	5	88	.1	27	7	196	2.55	8	1
001099	1	22	4	99	.2	30	9	256	2.91	13	1
001100	1	22	10	80	.1	22	6	281	2.48	12	6
001101	1	27	10	101	.1	27	9	665	2.40	7	1
001102	1	34	7	90	.1	31	9	424	3.07	14	4
001103	1	49	15	95	.2	36	10	596	3.09	14	3
001104	1	14	5	93	.1	21	7	295	2.04	6	1
001105	1	19	8	79	.1	24	6	214	2.14	9	1
001106	1	16	6	89	.1	22	8	378	2.01	4	1
001107	1	13	6	124	.1	23	6	257	2.10	5	1
001108	1	14	8	68	.1	23	7	473	2.17	7	1
001109	1	41	8	102	.1	27	13	642	3.25	9	2
001110	1	24	11	173	1.0	13	10	680	3.08	5	9
001111	1	74	13	315	.4	41	17	1306	5.04	13	15
001112	1	25	9	174	.3	31	9	376	2.72	10	1
001113	1	21	6	94	.2	26	7	567	2.40	7	1
001114	1	31	8	74	.1	32	8	318	2.71	9	1
001115	1	16	5	62	.1	20	5	265	1.77	2	1
001116	1	14	7	144	.3	21	6	388	1.93	3	1
001117	1	36	13	117	.1	34	10	530	2.95	8	1
001118	1	29	11	152	.3	36	10	564	2.76	11	1
001119	1	32	12	92	.3	37	8	402	2.69	12	2
001120	1	23	10	67	.2	29	7	274	2.30	6	6
001121	1	39	13	81	.3	40	9	396	3.03	17	1
001122	1	24	12	126	.3	31	9	467	2.75	13	1
001123	1	27	10	73	.3	31	7	269	2.56	19	1
001124	1	36	18	128	.4	34	10	553	3.26	24	4
001125	1	31	12	79	.3	33	9	412	2.72	17	8
001126	2	40	21	159	.5	45	13	464	4.05	24	4
001127	1	20	10	86	.1	25	7	360	2.19	6	13
STD C/AU-S	19	60	41	133	7.6	72	29	1040	3.96	41	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001160	1	26	7	132	.5	31	11	609	2.73	5	1
001161	2	69	15	172	1.0	57	15	1496	3.46	10	2
001162	1	26	11	84	.2	35	10	391	2.80	11	1
001163	1	19	6	128	.2	24	11	538	3.13	11	1
001164	1	12	7	118	.2	19	10	1001	2.41	5	1
001165	5	73	24	372	.8	50	41	4866	6.78	13	1
001166	1	22	13	150	.2	31	12	780	3.06	13	1
001167	2	63	17	108	.6	50	14	365	5.19	15	2
001168	2	80	13	203	.5	62	14	1055	3.99	13	3
001169	1	26	8	135	.3	31	10	665	2.65	16	1
001170	1	29	10	110	.2	33	9	352	2.69	12	1
001171	1	16	6	90	.1	23	8	312	2.20	7	1
001172	1	8	7	76	.1	13	4	146	1.52	8	1
001173	2	22	9	78	.1	27	7	216	2.54	8	1
001174	1	22	6	105	.1	31	8	504	2.39	9	1
001175	1	18	7	93	.2	29	7	363	2.32	8	1
001176	1	20	8	90	.1	33	9	344	2.48	9	2
001177	1	20	8	88	.2	30	8	270	2.53	9	1
001178	2	123	3	162	.1	42	21	903	5.95	10	5
001179	2	73	13	241	.3	32	27	1679	5.78	5	2
001180	1	21	11	99	.1	31	11	438	2.78	11	2
001181	1	20	7	78	.3	24	8	325	2.09	10	1
001182	1	15	7	94	.2	23	6	205	2.11	8	1
001183	1	28	12	98	.2	32	9	372	2.72	8	1
001184	2	23	13	102	.4	34	8	248	2.71	10	1
001185	1	13	8	72	.1	19	5	236	1.77	10	1
001186	1	12	8	145	.1	22	6	199	2.23	4	2
001187	1	16	6	117	.2	27	7	216	2.52	9	1
001188	1	22	7	174	.2	32	9	306	2.65	6	1
001189	2	30	16	190	.9	24	8	431	3.48	14	1
001190	1	18	5	73	.1	12	5	228	2.74	6	2
001191	1	21	10	78	.1	22	10	653	2.89	10	4
001192	1	18	6	105	.3	19	10	657	3.05	7	1
001193	6	50	12	182	.5	41	14	456	4.88	28	5
001194	1	43	11	139	.4	48	13	992	3.59	12	2
001195	1	48	14	131	.8	40	13	761	3.56	14	1
STD C/AU-S	19	62	38	133	7.0	68	29	1025	3.99	39	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001196	1	50	14	98	.5	53	14	838	3.83	17	21
001197	1	52	14	103	.3	54	14	777	3.93	17	3
001198	1	30	12	91	.2	42	11	591	3.15	4	2
001199	2	45	15	113	.4	51	10	557	4.05	11	3
001211	1	19	10	142	.1	24	9	393	2.81	9	1
001212	3	74	19	310	.2	47	23	1934	4.23	25	7
001213	1	27	10	120	.3	30	10	891	2.97	12	1
001214	1	12	8	164	.1	23	7	341	2.42	4	1
001215	1	19	14	120	.1	27	8	322	2.50	11	1
001216	1	19	20	100	.2	27	8	376	2.63	16	1
001217	1	13	8	121	.1	20	5	210	2.07	9	1
001218	1	20	7	97	.3	24	5	260	2.16	4	1
001219	1	38	10	97	.3	32	8	351	2.94	17	2
001220	1	31	11	114	.5	27	7	268	2.96	13	1
001232	2	37	10	101	.5	37	8	531	2.99	19	2
001233	1	20	10	59	.3	29	5	187	2.06	14	13
001234	2	19	13	147	.4	27	8	417	2.88	18	1
001235	1	19	11	132	.4	25	7	269	2.67	16	1
001236	1	22	7	112	.1	40	9	387	3.29	23	9
001237	1	24	11	167	.6	43	9	266	3.12	23	2
001238	1	8	6	187	.2	15	6	575	2.11	11	1
001239	1	38	12	174	.4	34	9	643	2.87	15	1
001240	1	24	13	156	.1	33	9	296	3.27	24	1
001241	1	18	12	110	.2	27	7	320	2.30	10	1
001242	2	19	13	174	.1	24	9	442	3.10	10	1
001243	2	45	20	294	.3	44	17	1906	4.40	26	1
001244	2	133	29	215	2.3	108	17	1047	5.82	34	5
001245	3	10	23	176	.3	14	5	269	2.87	9	2
001246	4	38	31	385	.1	29	9	843	4.60	17	1
001247	1	11	10	93	.1	16	5	284	2.55	10	1
001248	1	11	10	153	.3	23	6	205	2.32	10	1
001249	2	21	20	342	.2	35	11	421	3.76	30	7
001250	2	27	18	376	.4	43	14	1113	3.94	24	1
001251	2	56	21	324	.8	58	15	1662	3.95	25	1
001252	1	31	13	95	.4	36	8	381	2.71	17	2
001286	3	59	19	129	.6	54	14	648	4.43	23	14
STD C/AU-S	18	58	40	131	7.2	69	28	952	3.94	39	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001287	3	71	27	237	1.0	47	18	1698	4.32	27	1
001288	2	33	17	137	.7	32	13	757	3.43	27	1
001289	1	55	18	110	.8	51	14	738	3.80	18	1
001290	1	31	11	115	.4	38	10	508	3.15	13	1
001400	1	16	8	59	.2	28	6	256	2.33	7	2
001401	1	11	7	127	.5	31	7	234	2.32	7	1
001402	1	19	8	87	.9	31	5	278	2.29	6	1
001403	1	15	9	70	.4	21	6	238	2.56	12	1
001404	1	17	8	74	.4	24	6	345	2.18	6	1
001405	1	10	8	73	.4	16	5	328	1.72	4	1
001406	1	11	7	57	.1	20	5	231	1.86	4	2
001407	1	27	8	72	.3	30	9	852	2.69	8	1
001441	1	36	11	147	.7	43	10	636	3.10	11	1
001442	1	21	16	105	.4	22	10	524	2.56	13	1
001443	2	25	10	106	.6	36	8	1515	2.65	12	1
001444	1	111	18	168	1.1	106	12	821	4.47	18	2
001445	1	67	16	170	1.0	70	14	874	4.60	18	1
001446	1	20	15	140	.5	27	9	345	3.02	13	1
001447	14	31	19	202	.4	20	9	812	3.70	22	1
001448	2	77	37	453	.4	47	17	981	5.47	10	1
001449	2	17	14	215	.3	34	9	492	2.40	7	6
001460	1	28	9	65	.4	36	9	304	2.46	8	1
001461	1	25	10	59	.1	32	8	403	2.37	9	2
001462	1	22	9	79	.1	35	8	382	2.59	10	1
STD C/AU-S	20	60	39	129	7.2	68	29	999	3.98	38	50
001463	1	17	7	73	.1	27	5	231	2.11	7	1
001464	1	23	9	108	.2	48	8	327	2.43	8	1
001465	1	14	9	61	.1	24	5	181	1.89	7	2
001466	1	15	11	74	.2	25	5	187	1.86	2	1
001467	1	14	11	66	.3	24	5	185	1.87	7	2
001468	1	17	8	100	.1	27	5	159	1.85	7	8
001469	1	15	8	76	.1	24	5	178	1.88	8	2
001608	1	20	9	60	.1	26	6	173	1.94	8	1
001609	1	17	7	82	.1	24	6	258	2.08	8	1
001610	1	29	11	91	.2	29	7	289	2.54	10	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001611	1	28	10	104	.2	37	8	361	2.60	6	1
001612	1	25	11	98	.5	31	8	353	2.69	7	8
001613	1	23	9	80	.1	28	6	235	2.19	7	123
001614	1	16	10	61	.1	23	5	224	1.94	2	1
001615	1	16	7	73	.1	25	6	238	2.03	4	1
001616	1	21	10	76	.3	23	5	252	1.99	6	10
001617	1	22	10	69	.2	32	8	300	2.50	5	1
001650	1	9	13	121	.2	10	3	1417	1.38	2	1
001651	1	18	10	160	.1	30	7	299	2.20	4	1
001682	1	14	11	107	.1	20	7	424	2.06	8	1
001683	1	21	13	153	.3	25	10	645	2.64	5	7
001684	1	91	13	173	.8	82	12	586	4.81	23	10
001685	2	23	12	87	.2	18	6	367	2.23	7	1
001686	1	68	14	154	.5	63	12	642	4.13	19	6
001687	1	102	16	164	.9	81	14	778	4.77	17	15
001688	1	61	12	104	.5	53	10	384	3.31	16	4
001689	1	30	7	73	.2	32	8	269	2.52	12	8
001690	1	75	10	148	.7	67	11	647	3.83	12	7
001691	1	69	7	149	.7	63	11	642	3.53	10	1
001940	1	14	5	65	.2	25	5	259	1.96	5	1
001941	1	16	7	97	.3	29	5	278	2.24	6	1
001942	1	19	5	102	.3	33	6	233	2.58	8	1
001943	1	40	11	117	.4	37	7	299	2.57	7	2
001944	1	21	5	74	.1	37	6	201	2.47	11	2
001945	1	22	7	116	.2	35	6	361	2.28	6	1
001946	1	18	7	51	.1	27	6	205	2.03	8	2
001947	1	15	7	81	.2	25	6	345	2.25	11	1
001948	2	38	16	113	.1	45	12	537	3.34	19	2
001949	1	12	6	136	.3	23	6	239	2.50	7	1
002001	3	10	13	154	.1	12	7	2786	1.69	2	1
002002	5	19	17	321	.2	32	10	376	3.60	24	1
002003	2	17	22	457	.2	45	10	494	2.99	19	1
002004	1	76	21	423	.5	51	29	2436	7.49	25	1
002005	2	105	20	233	.7	105	24	1637	5.45	30	1
002006	2	36	10	221	.2	61	18	1503	4.57	19	1
002007	1	13	7	132	.1	30	9	314	2.63	11	1
002008	1	18	10	120	.3	35	10	575	3.03	11	3
STD C/AU-S	19	58	38	132	7.3	71	28	946	3.98	38	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002009	5	30	14	155	.3	59	17	722	4.11	24	2
002010	1	32	9	105	.4	40	10	527	2.70	9	1
002011	1	24	9	114	.2	30	7	354	2.57	12	1
002012	1	13	4	74	.2	20	5	308	1.98	11	1
002013	1	54	8	103	.4	48	8	287	2.99	12	3
002014	1	22	9	83	.3	28	7	384	2.46	5	1
002015	1	14	9	45	.5	27	6	142	1.88	2	1
002016	1	14	9	96	.3	15	4	150	2.31	11	1
002017	1	47	12	128	.3	47	12	555	3.88	20	2
002018	2	94	14	363	1.0	68	12	1480	3.52	24	1
802019	1	16	12	128	.1	26	8	702	2.50	7	1
802020	1	24	14	127	.1	37	9	315	3.07	13	1
802021	1	16	12	219	.1	30	13	868	3.03	7	1
STD C/AU-S	17	57	42	132	7.5	70	27	1040	3.93	40	50

ME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251011

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 11 1987 DATE REPORT MAILED: Aug 20/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000036	1	14	3	64	.1	20	6	358	1.71	3	1
000037	1	25	9	76	.1	35	8	327	2.21	5	1
000038	1	19	8	125	.1	25	9	401	2.39	5	1
000039	1	21	5	143	.1	39	9	275	2.55	5	1
000040	1	22	6	70	.1	29	8	230	2.62	8	1
000041	1	22	11	99	.1	22	7	242	2.63	8	1
000042	1	30	9	67	.1	39	11	455	2.69	9	8
000043	1	25	9	235	.1	30	11	849	2.80	5	1
000044	1	78	12	345	.3	47	19	1525	4.47	9	8
000045	1	58	11	191	.1	23	16	854	4.26	6	1
000301	2	56	16	107	.2	56	17	862	4.57	17	1
000302	1	36	13	80	.1	44	12	633	3.28	10	1
000303	1	13	10	89	.1	23	7	237	2.07	4	1
000304	1	16	11	51	.1	26	6	179	2.17	5	5
000305	1	16	6	45	.1	24	6	206	2.04	6	1
000306	1	15	8	66	.1	24	7	251	2.05	5	1
000307	1	15	8	103	.1	28	7	332	2.13	5	1
000308	1	20	8	79	.1	32	8	250	2.40	5	2
000309	1	28	8	95	.2	35	8	229	2.49	9	1
000310	1	36	8	62	.1	38	10	365	2.75	9	8
000311	1	33	10	60	.1	37	9	358	2.66	9	3
000312	2	29	7	81	.1	24	8	469	2.00	7	2
STD C/AU-S	19	60	38	125	7.1	68	28	916	3.80	40	52
000313	1	35	12	106	.1	35	12	674	2.95	10	5
000314	1	27	10	131	.2	40	11	417	3.39	12	1
000315	1	19	12	141	.1	22	9	700	2.33	10	1
000316	1	19	7	112	.3	23	8	547	2.11	6	1
000317	1	25	10	63	.1	32	9	383	2.51	11	2
000318	1	25	11	95	.1	34	9	321	2.63	9	27
000319	1	72	10	111	.3	61	16	732	3.91	23	9
000320	1	51	16	75	.1	46	11	532	3.22	17	9
000321	1	14	9	68	.1	25	7	442	2.14	5	1
000322	1	11	8	73	.1	18	6	425	1.67	2	1
000323	3	94	19	160	.7	94	15	954	5.34	17	4
000324	1	106	47	148	1.2	72	11	601	3.56	10	3
000325	1	38	9	88	.4	46	10	509	3.12	13	1
000350	1	22	15	176	.3	20	12	1105	3.10	4	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
000351	1	75	16	203	.1	24	19	855	5.40	5	3
000352	1	22	8	70	.1	36	8	348	2.52	9	1
000353	8	67	15	237	.3	79	14	475	4.77	32	1
000354	10	45	12	481	.5	70	17	711	3.98	16	2
000355	2	28	12	226	.1	33	11	637	3.32	7	1
000356	1	20	9	86	.1	28	6	312	2.23	5	1
000357	1	40	15	77	.1	46	12	573	2.91	10	1
000358	1	26	9	91	.1	32	9	409	2.46	6	3
000359	1	19	6	95	.1	22	7	366	2.07	3	1
000360	1	25	10	66	.1	32	7	265	2.49	5	1
000361	1	13	8	64	.1	18	5	286	1.69	4	1
000362	1	28	11	89	.1	34	9	404	2.72	9	12
000363	1	22	9	77	.1	34	7	342	2.42	4	1
000364	1	24	12	154	.1	40	12	311	3.18	7	11
000365	1	25	11	68	.1	36	9	297	2.65	8	1
000366	1	31	11	72	.1	45	9	285	2.94	10	1
000367	1	30	9	68	.1	39	10	371	2.79	9	4
000368	1	39	13	71	.1	38	11	446	3.06	10	1
000369	1	31	19	55	.1	34	9	256	2.21	4	1
000370	1	47	17	232	.9	28	12	724	3.84	22	46
000371	1	27	8	213	.5	35	14	2087	3.32	5	1
000372	1	18	13	88	.2	25	8	281	2.26	4	1
000373	1	26	10	60	.1	37	8	252	2.26	5	1
000374	2	52	10	98	.1	44	13	697	3.52	13	3
000375	2	31	12	79	.1	31	9	413	2.79	8	1
000376	1	27	11	93	.1	24	10	519	2.59	7	1
000377	1	32	14	93	.1	27	9	483	3.47	13	1
000378	1	22	13	205	.2	28	11	537	3.21	16	2
STD C/AU-S	18	60	39	128	7.2	69	28	940	3.88	39	53
000379	1	47	12	200	.3	39	14	503	4.28	10	76
000380	5	31	16	291	.4	55	13	875	5.68	8	1
000381	1	53	12	99	.4	36	5	98	1.25	7	9
000382	1	33	13	49	.1	35	8	172	2.06	3	1
000383	1	71	13	108	.3	53	15	467	3.90	10	68
000384	1	20	12	144	.3	27	8	357	2.33	4	1
000385	1	28	9	76	.1	36	11	525	2.71	9	1
000386	1	31	12	111	.1	36	11	446	3.04	8	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001292	2	27	10	81	.2	10	8	293	4.87	12	1
001293	1	22	5	103	.1	28	9	483	2.37	5	1
001294	1	26	14	103	.1	30	8	213	2.74	9	1
001295	1	31	8	108	.2	33	9	391	2.94	10	5
001296	1	25	14	113	.1	24	10	595	2.98	8	1
001297	1	26	10	135	.5	29	9	814	2.51	5	1
001298	1	19	7	90	.1	23	8	490	2.42	5	2
001299	1	22	5	187	.2	20	8	660	2.15	6	20
001362	2	47	16	236	.1	39	15	1206	4.46	28	1
001363	1	35	10	129	.7	31	8	263	3.19	27	1
STD C/AU-S	19	60	40	125	7.3	66	27	959	3.93	38	53
001364	1	13	6	75	.2	11	5	373	1.39	4	1
001365	1	31	13	145	.4	30	11	641	2.91	10	2
001366	1	40	14	91	.1	34	11	495	3.28	19	1
001367	1	22	16	230	.3	21	9	910	2.30	8	1
001368	1	24	12	135	.1	26	8	287	2.75	17	1
001369	1	27	12	163	.1	29	10	650	2.96	14	1
001370	1	45	17	122	.5	42	12	404	3.76	20	2
001371	2	22	19	270	.1	16	8	2097	2.39	6	1
001372	1	47	20	104	.5	46	12	638	3.56	21	1
001500	1	17	6	78	.1	18	5	380	1.77	5	1
001501	1	15	9	80	.1	23	5	229	1.97	5	1
001502	2	4	6	20	.1	7	1	58	1.03	6	1
001503	1	16	13	78	.3	20	5	178	1.69	3	1
001504	1	15	10	57	.1	18	5	213	1.84	5	1
001505	1	17	6	74	.1	19	5	218	1.85	5	2
001506	1	20	10	76	.1	24	6	239	2.32	9	1
001507	1	24	7	97	.1	27	8	586	2.36	10	1
001508	1	22	5	71	.1	25	6	223	2.11	7	1
001509	1	25	13	67	.1	28	6	254	2.42	9	3
001510	1	18	7	75	.1	24	6	269	2.02	3	2
001511	1	19	8	81	.1	23	6	373	2.03	4	1
001512	1	24	8	103	.4	28	6	289	2.23	5	8
001513	1	17	5	72	.1	23	5	179	1.89	4	1
001514	1	37	7	107	.3	40	9	548	2.67	9	1
001515	1	18	7	64	.2	22	5	192	2.01	8	1
001516	1	29	11	71	.1	32	8	296	2.48	8	3

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001517	1	19	9	76	.3	26	6	247	2.16	6	8
001518	1	19	11	134	.4	23	8	341	2.60	10	14
001519	1	23	11	104	.3	32	8	377	2.45	9	1
001672	1	12	7	86	.1	17	6	301	1.77	3	1
001673	2	46	10	159	.4	34	11	558	2.88	10	8
001674	1	17	11	41	.1	22	6	270	1.96	6	6
001675	3	99	18	164	1.3	85	22	1748	7.11	29	7
001676	1	44	12	137	.3	34	11	694	2.93	11	1
001677	2	27	9	88	.2	28	8	321	2.65	7	3
001678	2	43	15	100	.3	37	11	473	3.25	10	5
001679	2	30	15	136	.3	32	11	571	2.94	8	1
001680	1	14	11	68	.3	16	6	345	1.84	3	1
001681	1	18	12	90	.1	24	7	264	2.17	4	1
001706	1	11	12	110	.2	30	6	139	1.82	4	5
STD C/AU-S	21	61	40	137	7.0	73	29	1026	4.15	41	47
001707	1	15	10	89	.1	40	7	201	2.28	5	1
001708	1	21	11	52	.1	30	6	287	2.22	5	1
001709	1	13	9	81	.3	28	5	187	1.75	2	132
001710	1	14	11	62	.2	27	5	214	1.95	4	1
001711	1	18	11	66	.1	33	5	192	1.91	2	1
001712	1	17	12	74	.1	30	5	200	2.00	4	2
001713	1	14	13	66	.1	28	5	188	1.81	5	2
001714	1	16	10	77	.2	30	5	216	2.07	4	2
001715	6	81	17	140	.3	78	17	647	5.56	28	1
001716	1	17	12	106	.2	36	8	314	2.49	6	6
001717	1	18	6	69	.3	31	6	282	2.22	5	1
001718	1	19	14	108	.1	36	7	301	2.19	7	1
001719	1	24	11	87	.1	36	8	345	2.57	6	2
001720	2	29	14	68	.1	37	8	351	2.69	8	2
001721	1	24	14	111	.1	33	7	273	2.27	4	2
001722	1	23	11	78	.1	36	7	293	2.50	6	2
001723	1	28	14	82	.1	43	9	521	2.93	8	1
001724	1	16	11	88	.4	35	7	269	2.30	4	1
001725	2	28	14	83	.2	40	7	292	2.56	5	6
001726	1	16	8	101	.1	28	7	283	2.09	4	1
001727	1	17	8	67	.1	26	7	236	2.07	4	1
001728	1	13	9	83	.1	24	6	219	1.86	3	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
001729	1	31	9	104	.2	41	9	477	2.81	3	1
001730	1	22	7	69	.3	36	7	291	3.02	2	1
001731	1	15	10	90	.1	30	6	262	2.04	4	1
001732	1	16	7	61	.1	26	5	218	1.78	4	1
001733	1	15	9	67	.2	28	5	222	1.96	3	1
001734	1	17	8	51	.1	27	5	213	2.01	4	1
001735	1	13	9	61	.1	24	5	180	1.65	2	1
001736	1	15	7	55	.1	25	5	216	1.87	3	1
001737	1	20	8	65	.1	34	6	267	2.16	4	1
001738	1	12	5	79	.1	25	5	232	1.67	2	1
001827	1	20	13	113	.1	39	10	480	2.98	11	1
001828	1	23	19	129	.2	31	10	331	3.35	15	1
001829	35	31	271	890	3.3	49	6	2042	5.20	90	1
001830	3	32	21	585	.5	23	20	2108	6.09	4	1
001831	2	14	12	199	.1	11	5	567	2.30	3	1
001832	1	20	10	108	.3	27	9	478	2.61	10	1
001833	1	29	15	148	.3	35	10	743	2.65	9	1
001834	1	34	14	103	.3	36	9	410	2.84	10	1
STD C/AU-S	19	60	40	127	7.6	70	28	957	3.89	39	49
001835	3	105	19	237	1.5	95	20	1502	5.68	17	1
001836	1	36	15	100	.1	36	11	390	3.28	18	1
001837	1	40	13	127	.3	40	10	717	3.06	12	1
001838	1	22	13	100	.2	26	8	688	2.50	11	1
001839	2	34	18	114	.1	36	11	530	2.99	14	1
001840	2	38	17	101	.1	36	10	384	3.22	18	1
001841	1	24	14	183	.8	31	8	268	2.77	13	1
001842	1	19	30	156	.2	22	6	236	2.40	7	1
001843	1	6	21	71	1.2	4	2	35	.46	2	1
001844	1	9	14	161	.1	15	7	535	1.87	4	1
001845	1	40	20	200	.8	47	11	925	3.14	9	1
001846	1	39	14	103	.5	38	8	451	2.58	8	1
001847	1	22	13	111	.2	28	8	204	2.74	12	1
001848	2	41	28	189	.3	35	11	1419	2.69	12	1
001849	2	27	16	115	.4	21	10	713	2.06	4	1
002032	1	20	10	93	.2	37	9	354	2.67	14	1
002033	1	14	12	144	.1	21	9	1094	2.14	11	1
002034	1	25	26	462	.3	38	9	619	2.62	26	55

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	AU* PPB
002035	1	74	16	128	.8	68	10	622	3.29	11	3
002036	1	47	15	319	.1	45	17	1679	3.72	21	1
002037	2	30	16	182	.2	34	19	907	4.52	21	1
002038	1	22	11	112	.1	34	9	286	2.60	11	1
002039	16	68	18	270	.5	45	31	1698	6.71	14	1
002040	2	7	24	143	.1	5	3	633	1.60	2	1
002041	2	9	10	126	.2	11	6	1760	1.65	4	1
STD C/AU-S	18	60	40	132	7.2	71	29	938	3.93	39	48

PROJECT 128 Elementary Statistics
87 HAT GEOCHEM

Variable:Mo PPM

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	142.000
Range:	141.000
Mean:	1.369
Median:	1.000
Variance:	11.370
Standard Deviation:	3.372
Standard Error:	0.074
Coefficient of Variation (%):	246.285
Coefficient of Skewness:	35.496
Coefficient of Kurtosis:	1451.092
Log 10 Transformed Mean:	1.152
Log 10 Variance:	1.619
Log 10 Standard Deviation:	1.272

PROJECT 128 Elementary Statistics
87 HAT GEOCHEM

Variable:Cu PPM

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	4.000
Maximum:	586.000
Range:	582.000
Mean:	30.574
Median:	24.000
Variance:	694.973
Standard Deviation:	26.362
Standard Error:	0.576
Coefficient of Variation (%):	86.226
Coefficient of Skewness:	7.677
Coefficient of Kurtosis:	125.273
Log 10 Transformed Mean:	25.305
Log 10 Variance:	2.434

PROJECT 128
87 HAT GEOCHEM

Elementary Statistics

Variable:Pb PPM

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	2.000
Maximum:	322.000
Range:	320.000
Mean:	12.137
Median:	11.000
Variance:	113.520
Standard Deviation:	10.655
Standard Error:	0.233
Coefficient of Variation (%):	87.786
Coefficient of Skewness:	19.360
Coefficient of Kurtosis:	513.973
Log 10 Transformed Mean:	10.711
Log 10 Variance:	2.045
Log 10 Standard Deviation:	1.430

PROJECT 128
87 HAT GEOCHEM

Elementary Statistics

Variable:Zn PPM

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	20.000
Maximum:	890.000
Range:	870.000
Mean:	117.134
Median:	100.000
Variance:	4333.309
Standard Deviation:	65.828
Standard Error:	1.439
Coefficient of Variation (%):	56.199
Coefficient of Skewness:	3.757
Coefficient of Kurtosis:	28.540
Log 10 Transformed Mean:	105.836
Log 10 Variance:	1.902
Log 10 Standard Deviation:	1.379

PROJECT 128
87 HAT GEOCHEM

Elementary Statistics

Variable:Ag PPM

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	0.100
Maximum:	3.700
Range:	3.600
Mean:	0.251
Median:	0.100
Variance:	0.083
Standard Deviation:	0.288
Standard Error:	0.006
Coefficient of Variation (%):	114.646
Coefficient of Skewness:	4.817
Coefficient of Kurtosis:	38.571
Log 10 Transformed Mean:	0.182
Log 10 Variance:	3.363
Log 10 Standard Deviation:	1.834

PROJECT 128
87 HAT GEOCHEM

Elementary Statistics

Variable:Ni PPM

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	3.000
Maximum:	165.000
Range:	162.000
Mean:	33.389
Median:	31.000
Variance:	211.214
Standard Deviation:	14.533
Standard Error:	0.318
Coefficient of Variation (%):	43.527
Coefficient of Skewness:	2.714
Coefficient of Kurtosis:	16.832
Log 10 Transformed Mean:	30.959
Log 10 Variance:	1.747
Log 10 Standard Deviation:	1.322

PROJECT 128 *Elementary Statistics*
87 HAT GEOCHEM

Variable:Co PPM

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	52.000
Range:	51.000
Mean:	9.143
Median:	8.000
Variance:	16.252
Standard Deviation:	4.031
Standard Error:	0.088
Coefficient of Variation (%):	44.094
Coefficient of Skewness:	2.733
Coefficient of Kurtosis:	17.936
Log 10 Transformed Mean:	8.481
Log 10 Variance:	1.783
Log 10 Standard Deviation:	1.335

PROJECT 128 Elementary Statistics
87 HAT GEOCHEM

Variable:Mn PPM

Number of Samples Selected:	2088
Number of Missing or Null Values:	0
Minimum:	35.000
Maximum:	2911.000
Range:	2876.000
Mean:	482.164
Median:	365.000
Variance:	129218.852
Standard Deviation:	359.470
Standard Error:	7.867
Coefficient of Variation (%):	74.553
Coefficient of Skewness:	2.593
Coefficient of Kurtosis:	11.460
Log 10 Transformed Mean:	399.813
Log 10 Variance:	2.478
Log 10 Standard Deviation:	1.574

PROJECT 128
87 HAT GEOCHEM

Elementary Statistics

Variable:As PPM

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	2.000
Maximum:	1483.000
Range:	1481.000
Mean:	11.118
Median:	8.000
Variance:	1470.828
Standard Deviation:	38.351
Standard Error:	0.838
Coefficient of Variation (%):	344.935
Coefficient of Skewness:	31.563
Coefficient of Kurtosis:	1125.379
Log 10 Transformed Mean:	7.853
Log 10 Variance:	2.917
Log 10 Standard Deviation:	1.708

PROJECT 128
87 HAT GEOCHEM

Elementary Statistics

Variable:Fe %

Number of Samples Selected:	2093
Number of Missing or Null Values:	0
Minimum:	0.460
Maximum:	10.440
Range:	9.980
Mean:	2.824
Median:	2.600
Variance:	1.027
Standard Deviation:	1.013
Standard Error:	0.022
Coefficient of Variation (%):	35.876
Coefficient of Skewness:	2.266
Coefficient of Kurtosis:	11.323
Log 10 Transformed Mean:	2.684
Log 10 Variance:	1.583
Log 10 Standard Deviation:	1.258

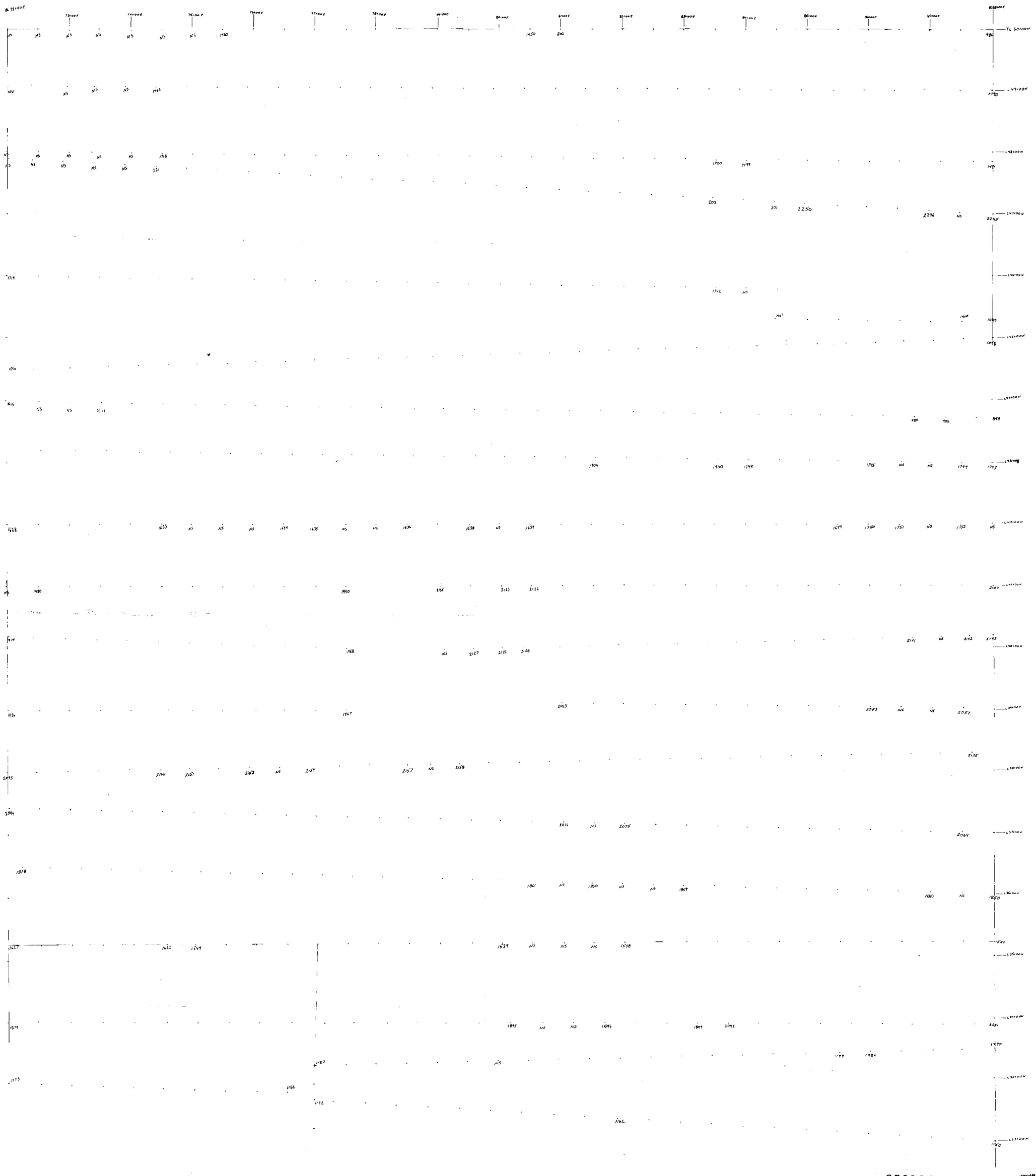
PROJECT 128
87 HAT GEOCHEM

Elementary Statistics

Variable:Au PPB

Number of Samples Selected:	2094
Number of Missing or Null Values:	0
Minimum:	1.000
Maximum:	195.000
Range:	194.000
Mean:	3.018
Median:	1.000
Variance:	80.358
Standard Deviation:	8.964
Standard Error:	0.196
Coefficient of Variation (%):	297.012
Coefficient of Skewness:	13.454
Coefficient of Kurtosis:	230.106
Log 10 Transformed Mean:	1.700
Log 10 Variance:	3.482
Log 10 Standard Deviation:	1.866

HAT 88E - 72E



LEGEND

· 1234 Soil Sample Location

NS no sample

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
NORTH
SAMPLE LOCATION

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	6

LEGEND

PLEISTOCENE AND RECENT

Glacial deposits: mainly sandy and pebbly tills

EOCENE OR OLIGOCENE

22 Granite, Rhyolite, Feldspar Porphyry

UPPER JURASSIC OR LOWER CRETACEOUS

3 OMINECA INTRUSIONS

- 3a Granodiorite
- 3b Diorite
- 3c Gabbro
- 3d Syenite

UPPER TRIASSIC AND LOWER JURASSIC

9 TAKLA GROUP
basaltic and minor andesitic flows, breccia, tuffs and epiclastic rocks; interbedded shale, conglomerate and greywacke

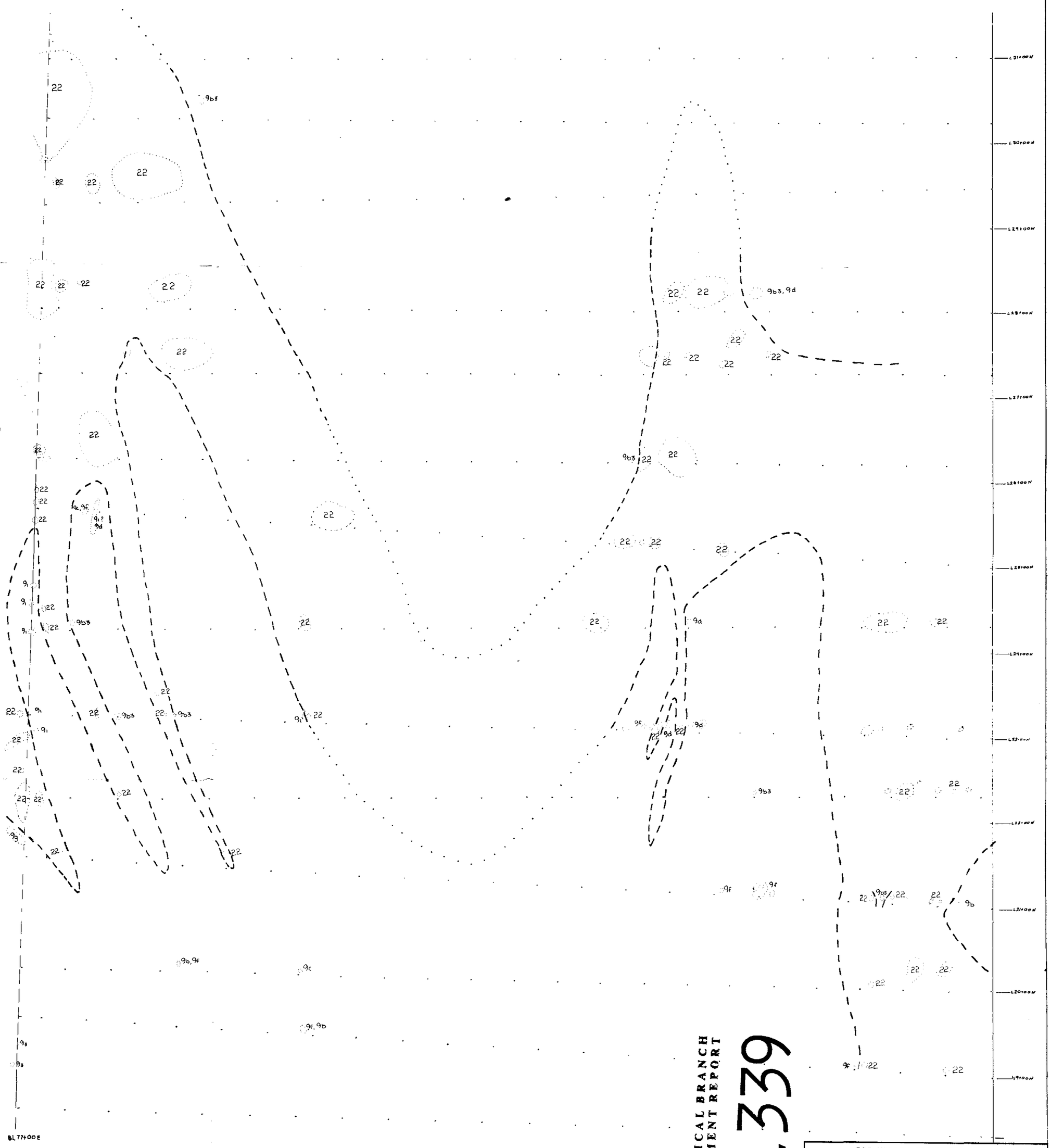
- 9a Argillite
- 9b Mudstone
- 9c Siltstone
- 9d Greywacke
- 9e Volcanic conglomerate
- 9f Andesite
- 9g Augite Porphyry Basalt
- 9h Chert

Alteration indicated by numeric code

1 hornfels
2 biotite schist
3 silicification
4 pyrite
5 carbonate
6 epidote

SYMBOLS

- Soil sample location
- Limit of outcrop
- Limit of outcrop and sub-outcrop
- py Pyrite or Pyrrhotite
- cpy Chalcopyrite
- gn Galena
- vn Vein
- Geological Boundary: defined, inferred, assumed
- Bedding: vertical, inclined
- Dyke or Vein: inclined
- Gravel Road



GEOLOGICAL BRANCH
ASSESSMENT REPORT

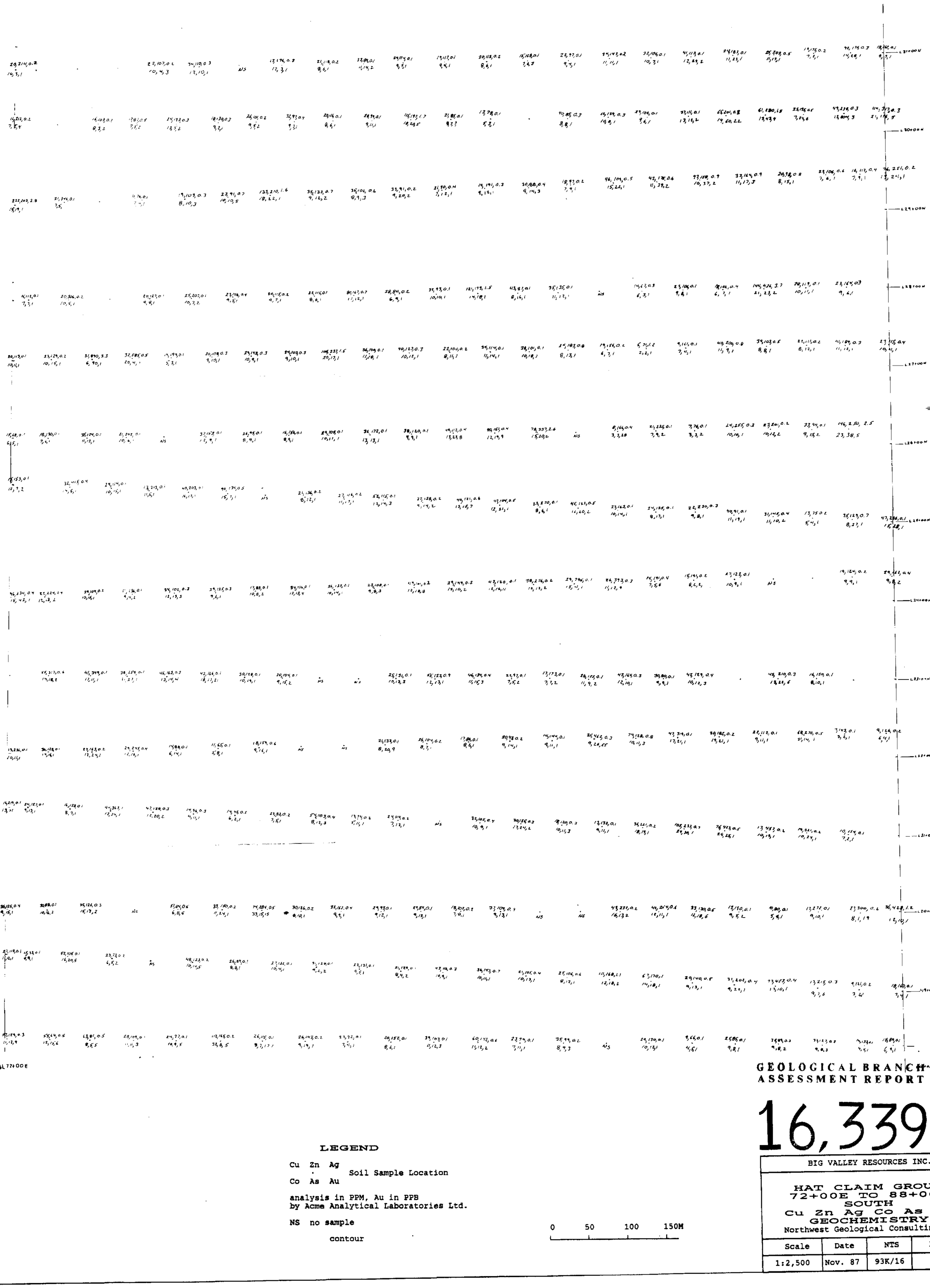
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
SOUTH
GEOLOGY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	7a



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

contour

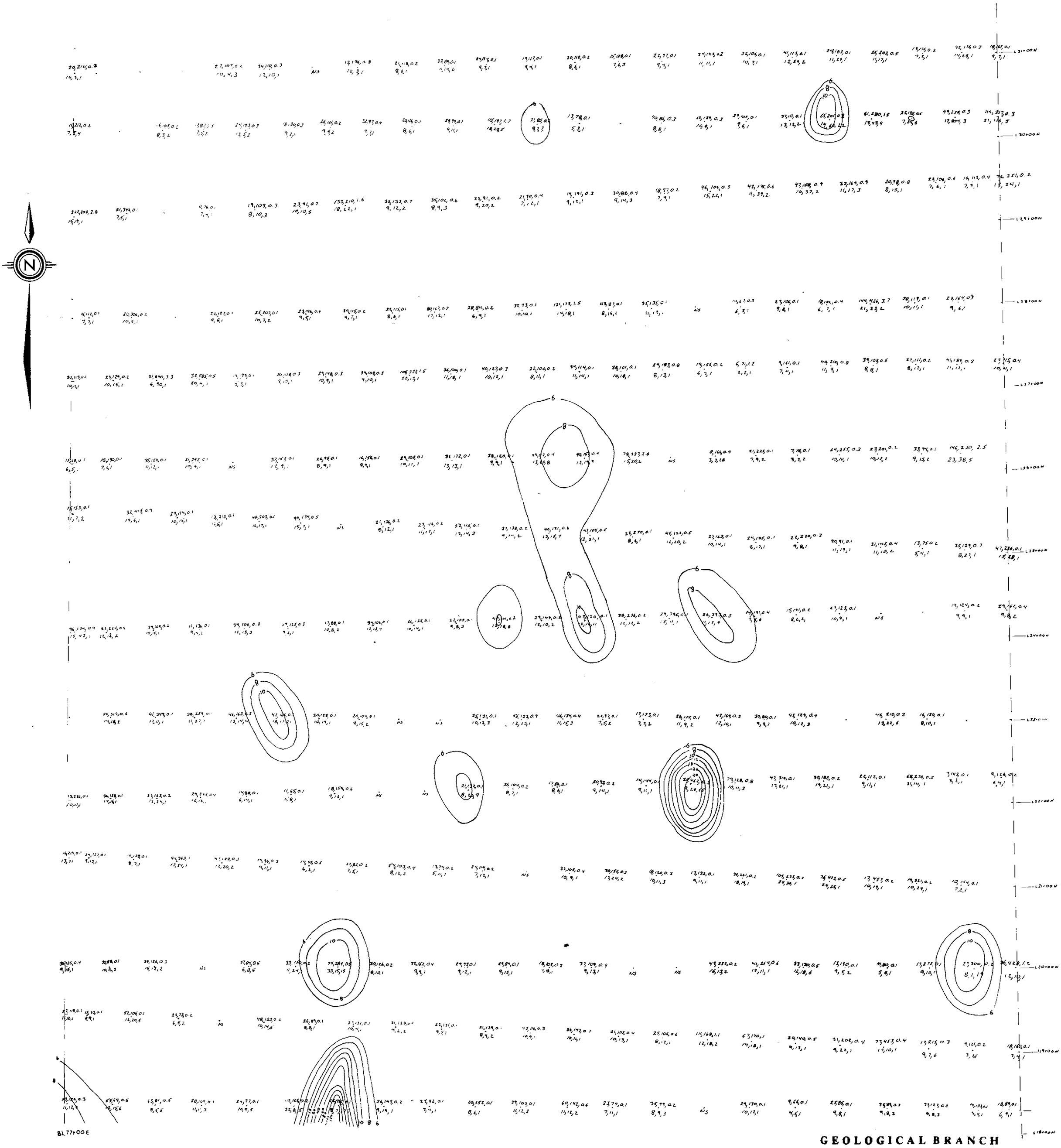
GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
SOUTH
Cu Zn Ag Co As Au
GEOCHEMISTRY
Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	7b



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

6 — contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

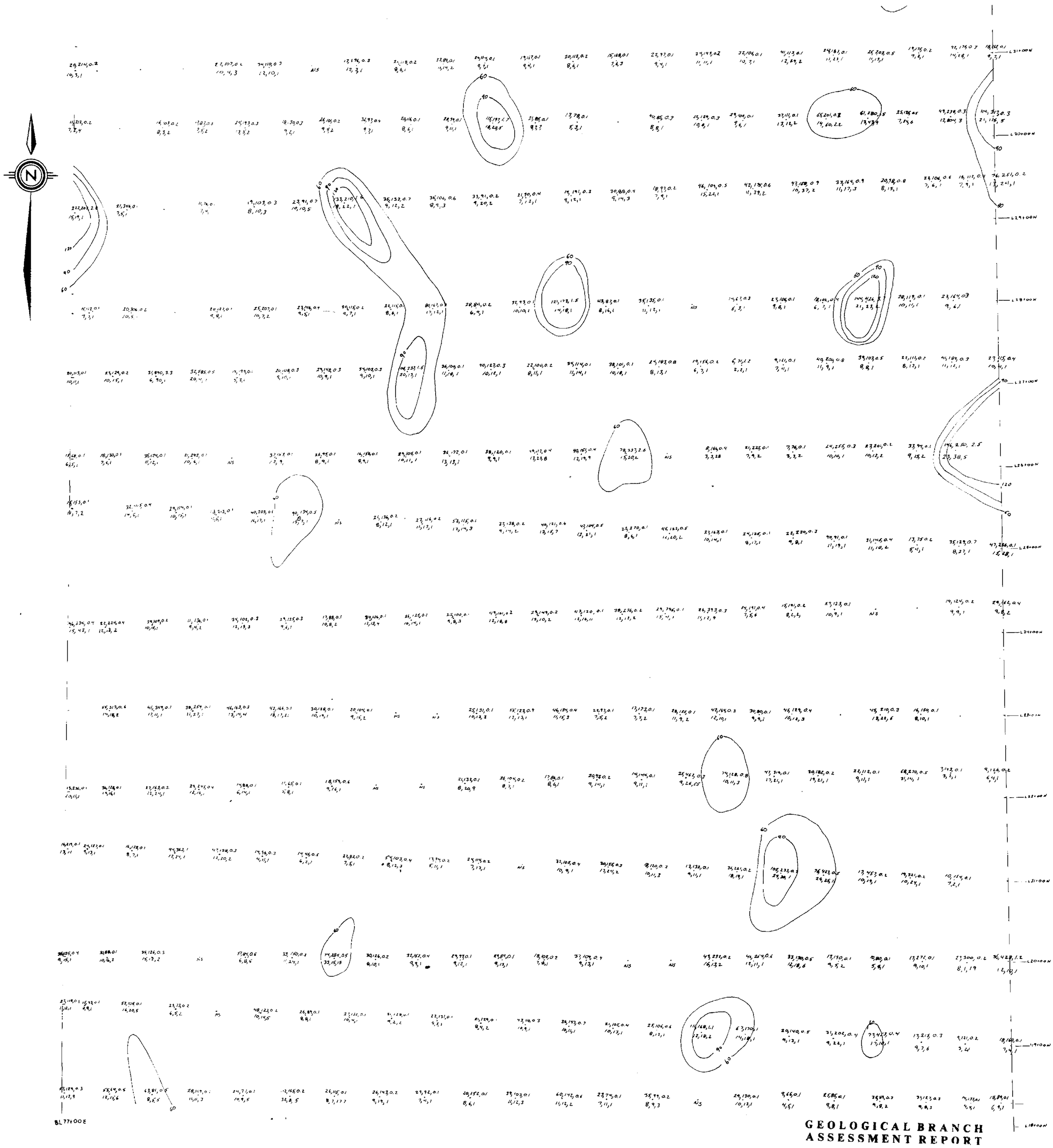
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
SOUTH
CONTOURED Au
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	7c



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

60 — contour

GEOLOGICAL BRANCH
ASSESSMENT REPORT

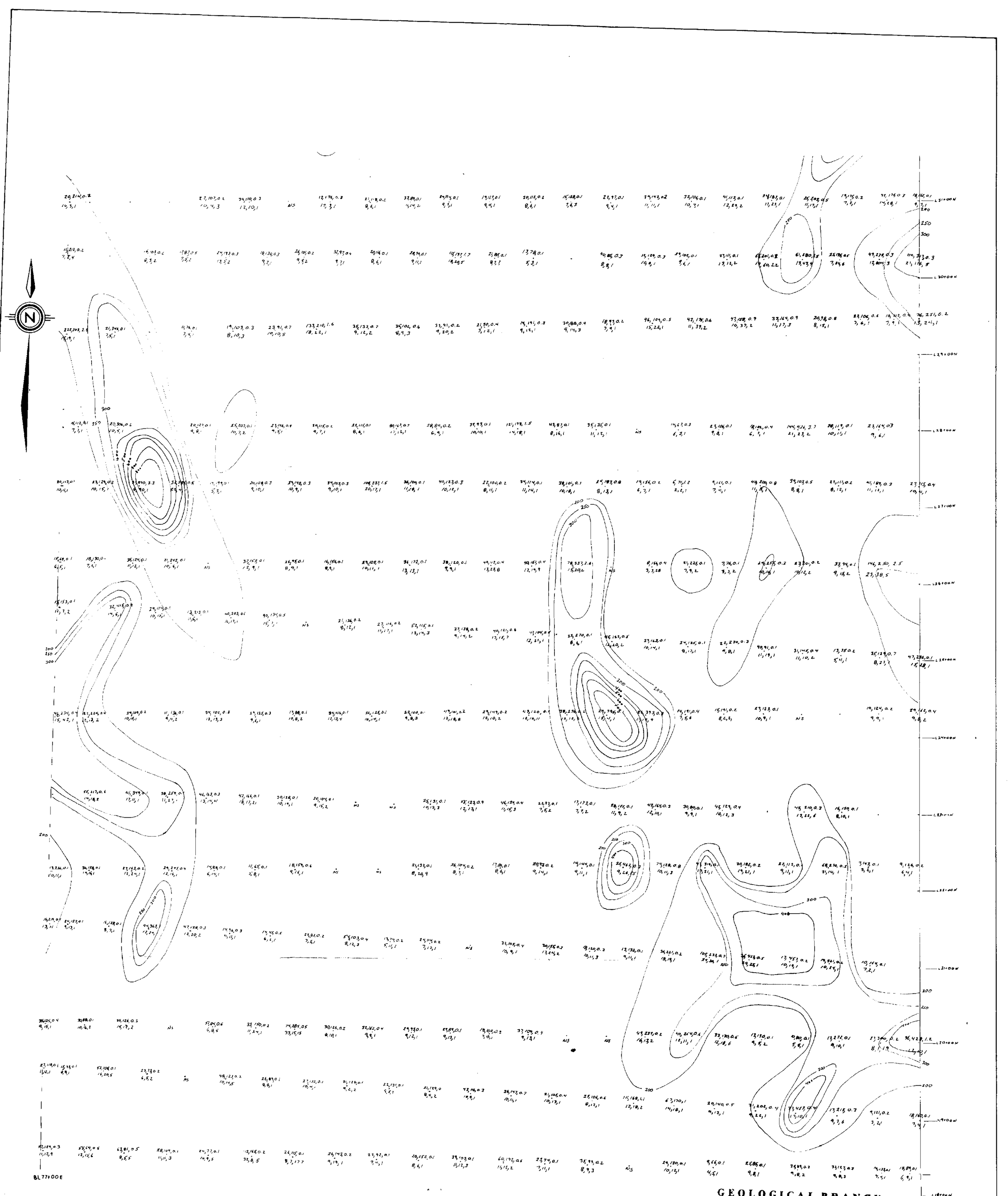
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
SOUTH
CONTOURED Cu
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	7d



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

200 contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

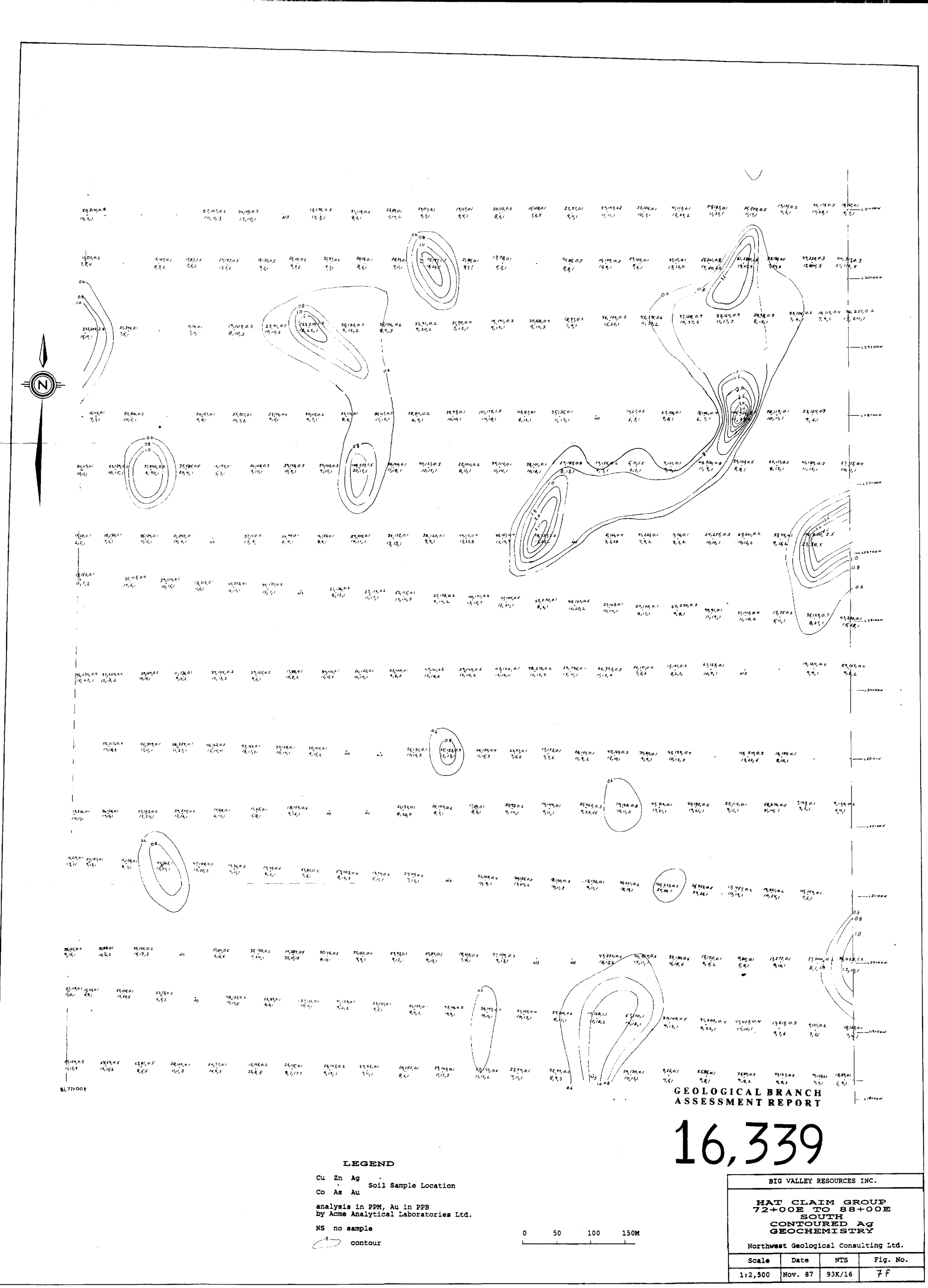
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
SOUTH
CONTOURED Zn
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	7c



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

.8 — contour

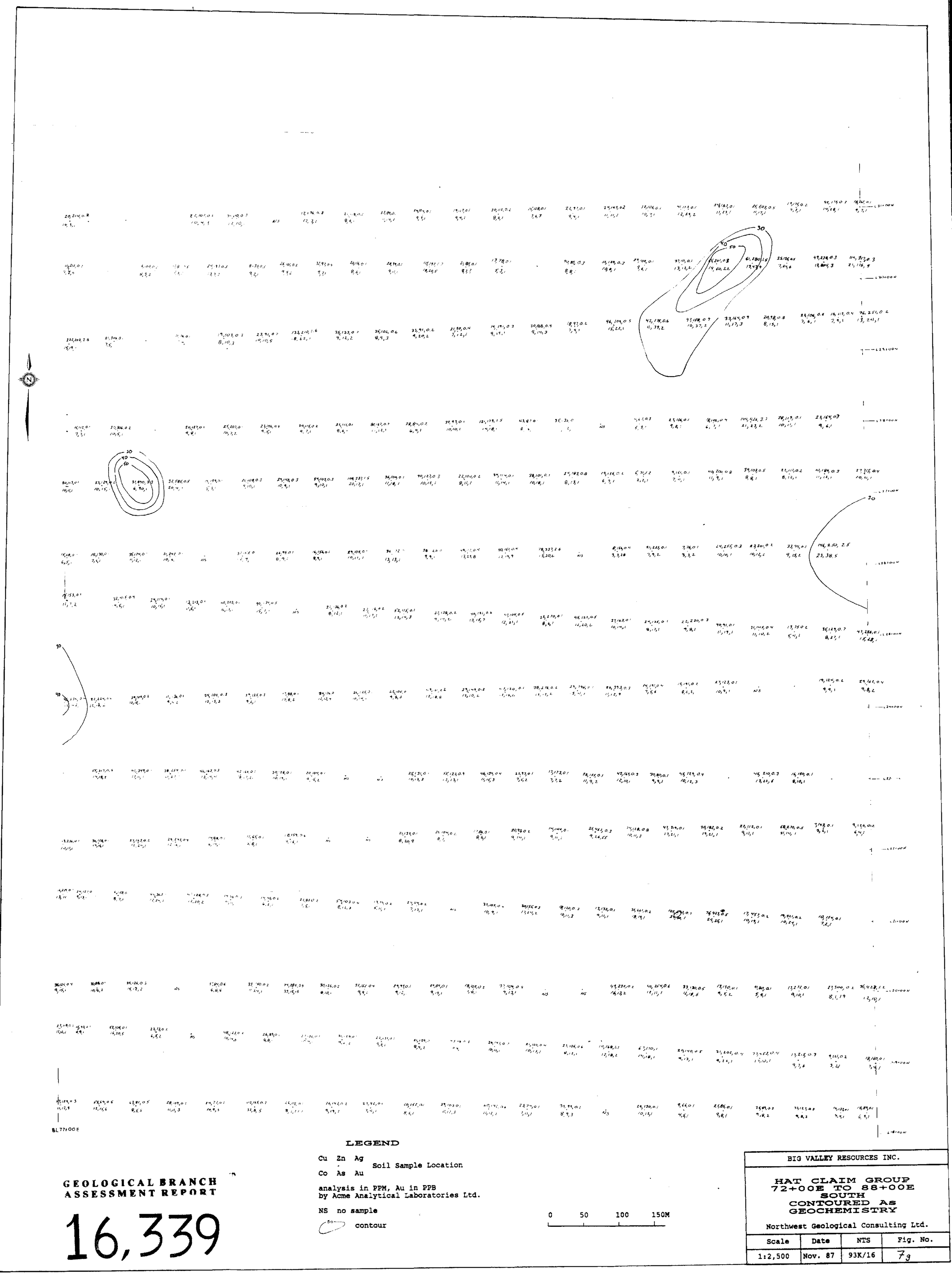
0 50 100 150M

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
SOUTH
CONTOURED Ag
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	7f



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

50 contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
SOUTH
CONTOURED AS
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	7g

HAT Baselines 88-100

LEGEND

PLEISTOCENE AND RECENT

Glacial deposits: mainly sandy and pebbly tills

EOCENE OR OLIGOCENE

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4 pyrite
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SYMBOLS

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- Gravel Road

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

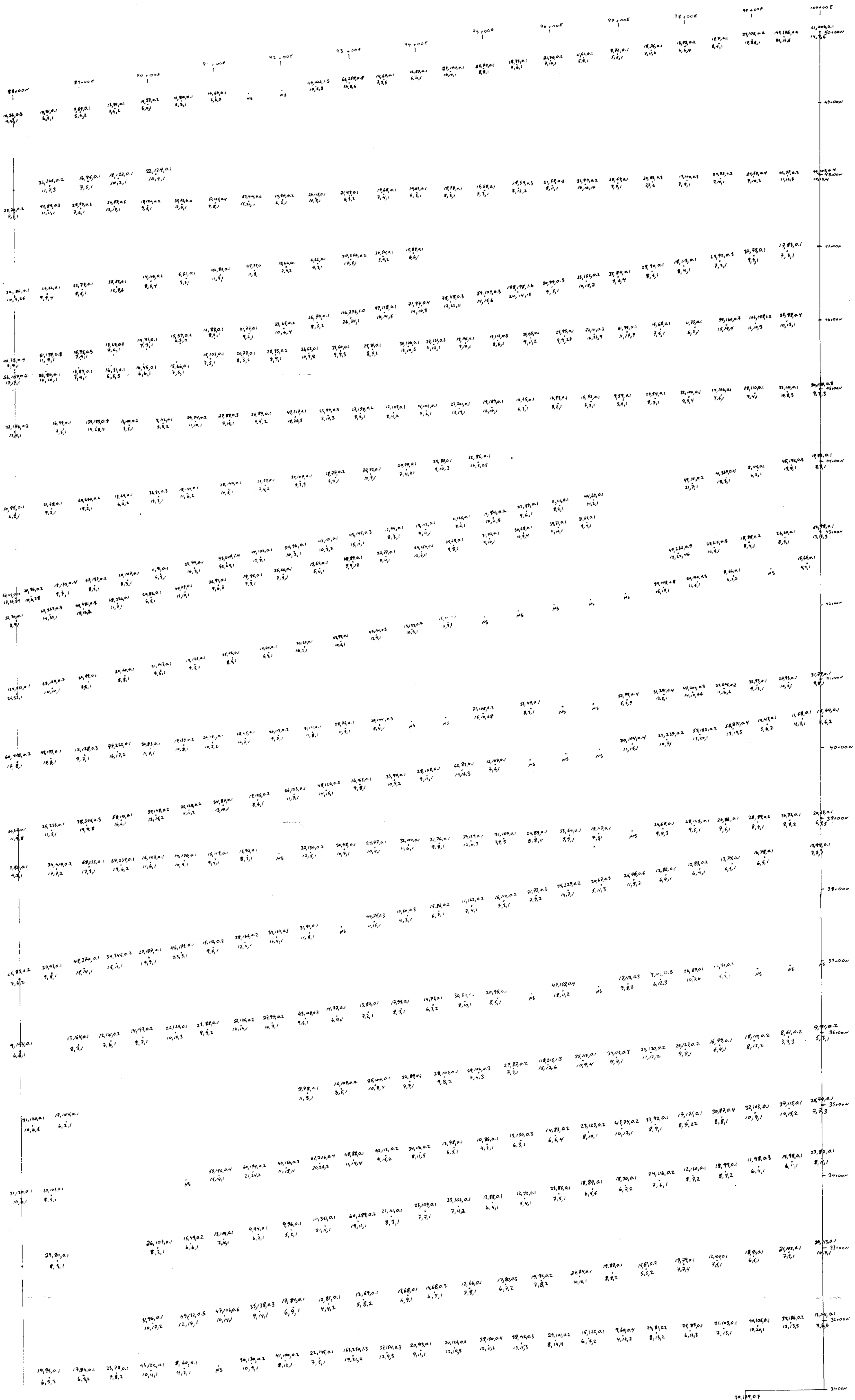
BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
NORTH
GEOLOGY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	8.

HAT claims 88-100



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
NORTH
Cu Zn Ag Co As Au
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	86

HAT Baselines 88-100

88+00E
89+00E
90+00E
91+00E
92+00E
93+00E
94+00E
95+00E
96+00E
97+00E
98+00E
99+00E
100+00E

50+00N
49+00N
48+00N
47+00N
46+00N
45+00N
44+00N
43+00N
42+00N
41+00N
40+00N
39+00N
38+00N
37+00N
36+00N
35+00N
34+00N
33+00N
32+00N
31+00N
30+00N
29+00N

LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

8 — contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
NORTH
CONTOURED Au
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	8c

HAT 88E ·72E

LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
NORTH
Cu Zn Ag Co As Au
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	66

HAT Basel res 88-100

88+00E 89+00E 90+00E 91+00E 92+00E 93+00E 94+00E 95+00E 96+00E 97+00E 98+00E 99+00E 100+00E

50+00N 49+00N 48+00N 47+00N 46+00N 45+00N 44+00N 43+00N 42+00N 41+00N 40+00N 39+00N 38+00N 37+00N 36+00N 35+00N 34+00N 33+00N 32+00N 31+00N 30+00N 29+00N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

contour

0 50 100 150M

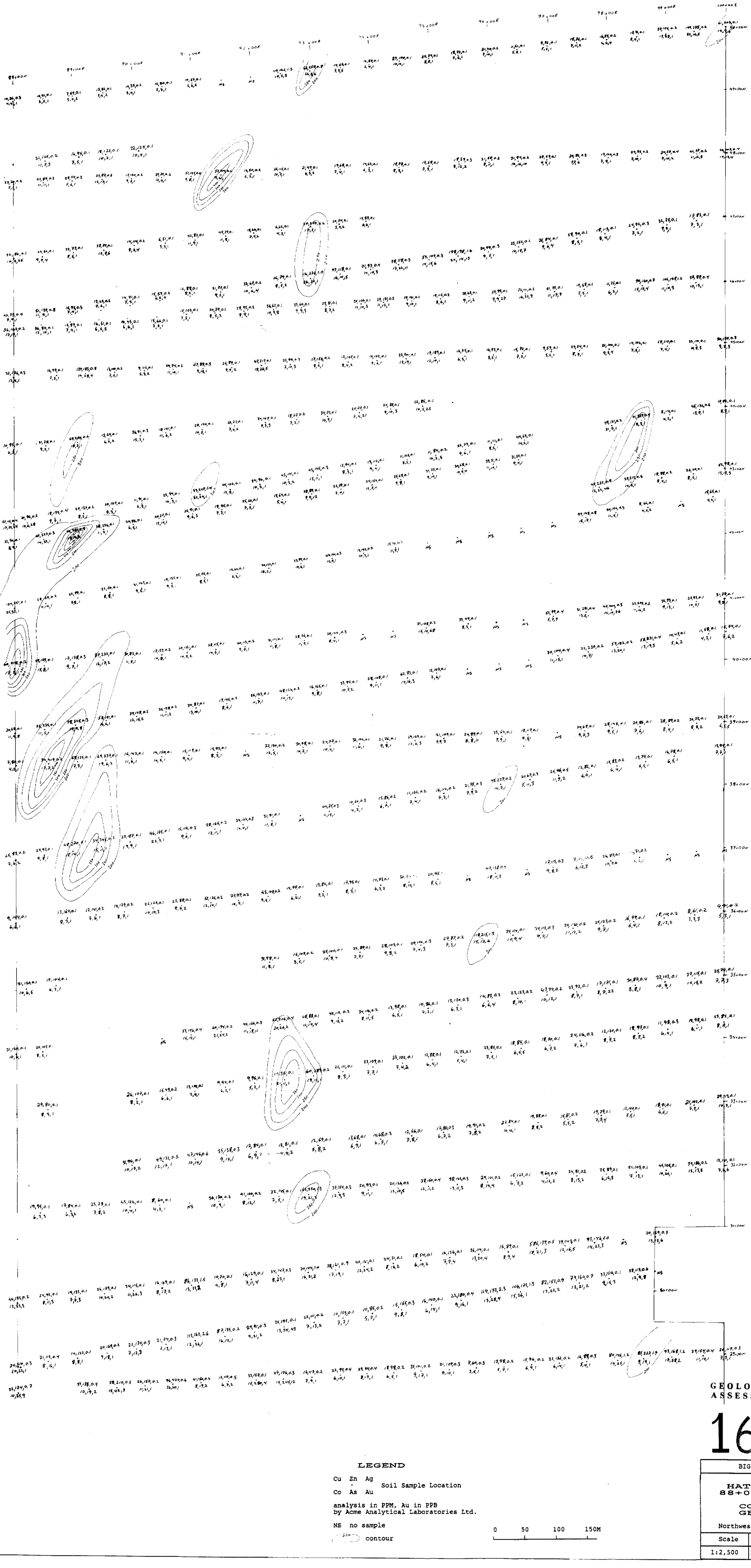
BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
NORTH
CONTOURED Cu
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	8d

HAT Baselines 88-100



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

200 contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

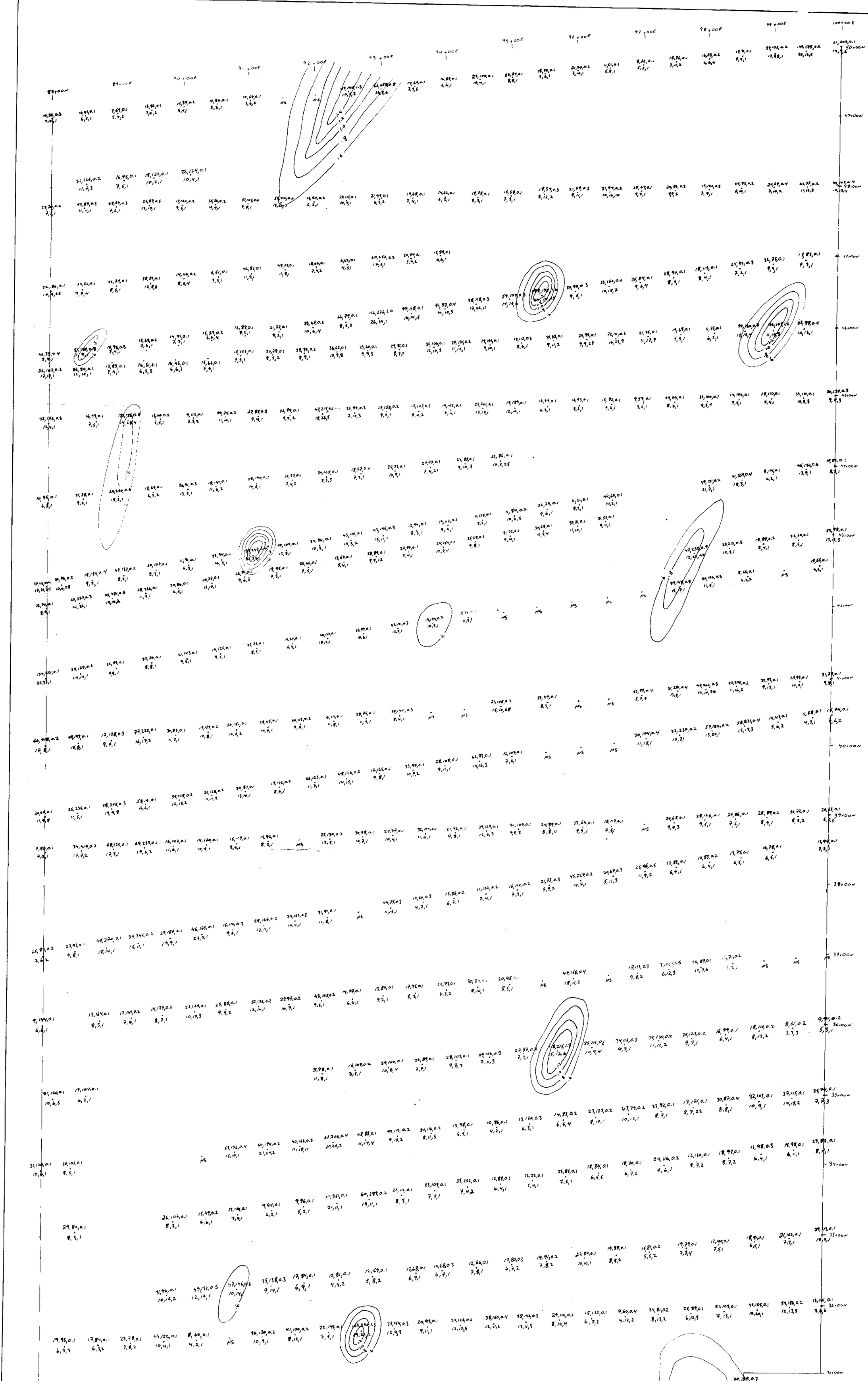
BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
NORTH
CONTOURED Zn
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	8e

HAT Baselines 88-100



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

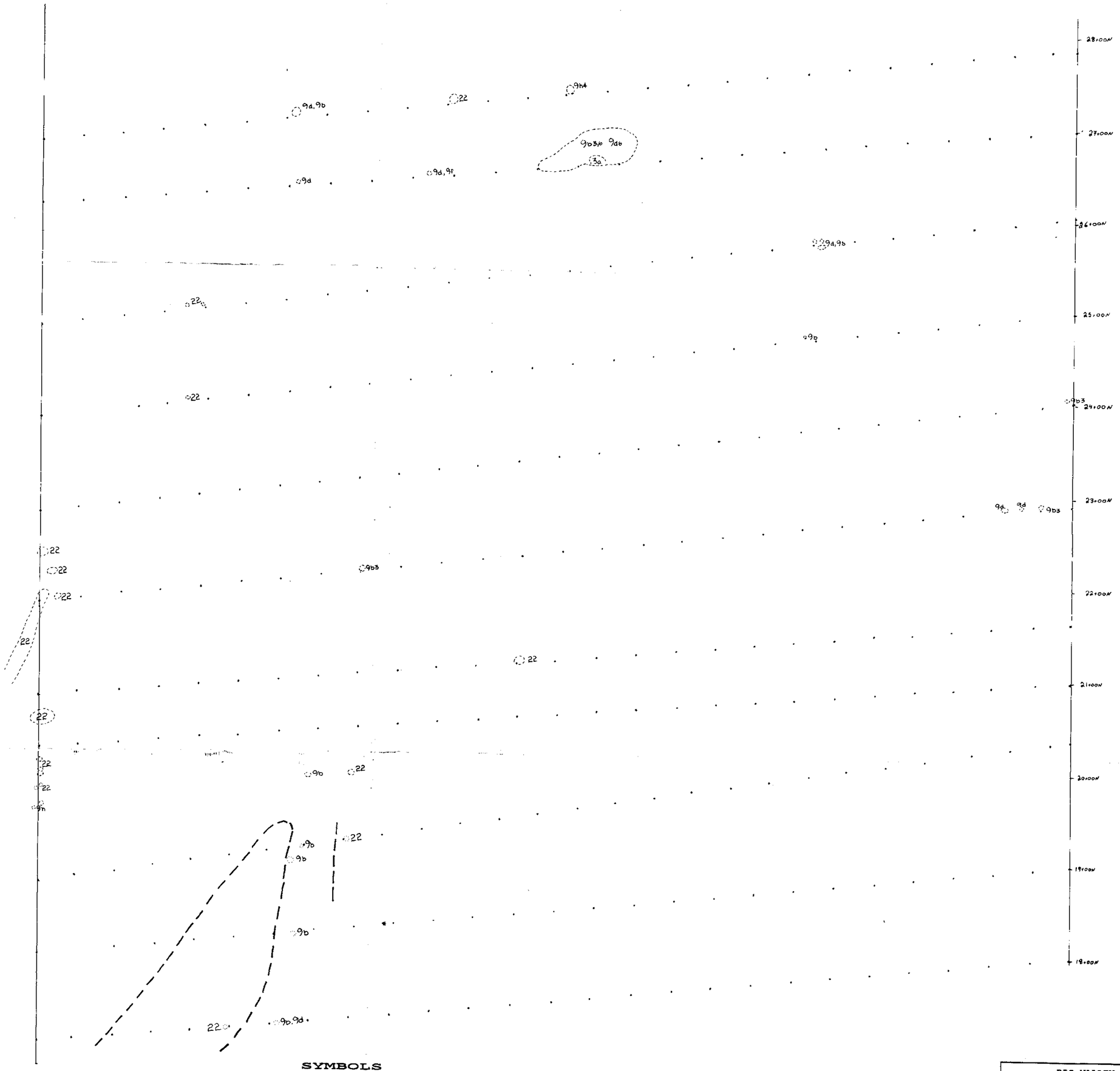
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
NORTH
CONTOURED Ag
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	8f



LEGEND

PLEISTOCENE AND RECENT

Glacial deposits: mainly sandy and pebbly tills

EOCENE OR OLIGOCENE

22 Granite, Rhyolite, Feldspar Porphyry

UPPER JURASSIC OR LOWER CRETACEOUS

3 OMINECA INTRUSIONS

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- 3c Gabbro
- 3d Syenite

UPPER TRIASSIC AND LOWER JURASSIC

9 TAKLA GROUP
basaltic and minor andesitic flows, breccia, tuffs and epiclastic rocks; interbedded shale, conglomerate and greywacke

- 9a Argillite
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- 9c Siltstone
- 9d Greywacke
- 9e Volcanic conglomerate
- 9f Andesite
- 9g Augite Porphyry Basalt
- 9h Chert

Alteration indicated by numeric code

1 hornfels
2 biotite schist
3 silicification
4 pyrite
5 carbonate
6 epidote

SYMBOLS

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- Limit of outcrop and sub-outcrop
- py Pyrite or Pyrrhotite
- cpy Chalcopyrite
- gn Galena
- vn Vein
- Geological Boundary: defined, inferred, assumed
- Bedding: vertical, inclined
- Dyke or Vein: inclined
- Gravel Road

0 50 100 150M

BIG VALLEY RESOURCES INC.

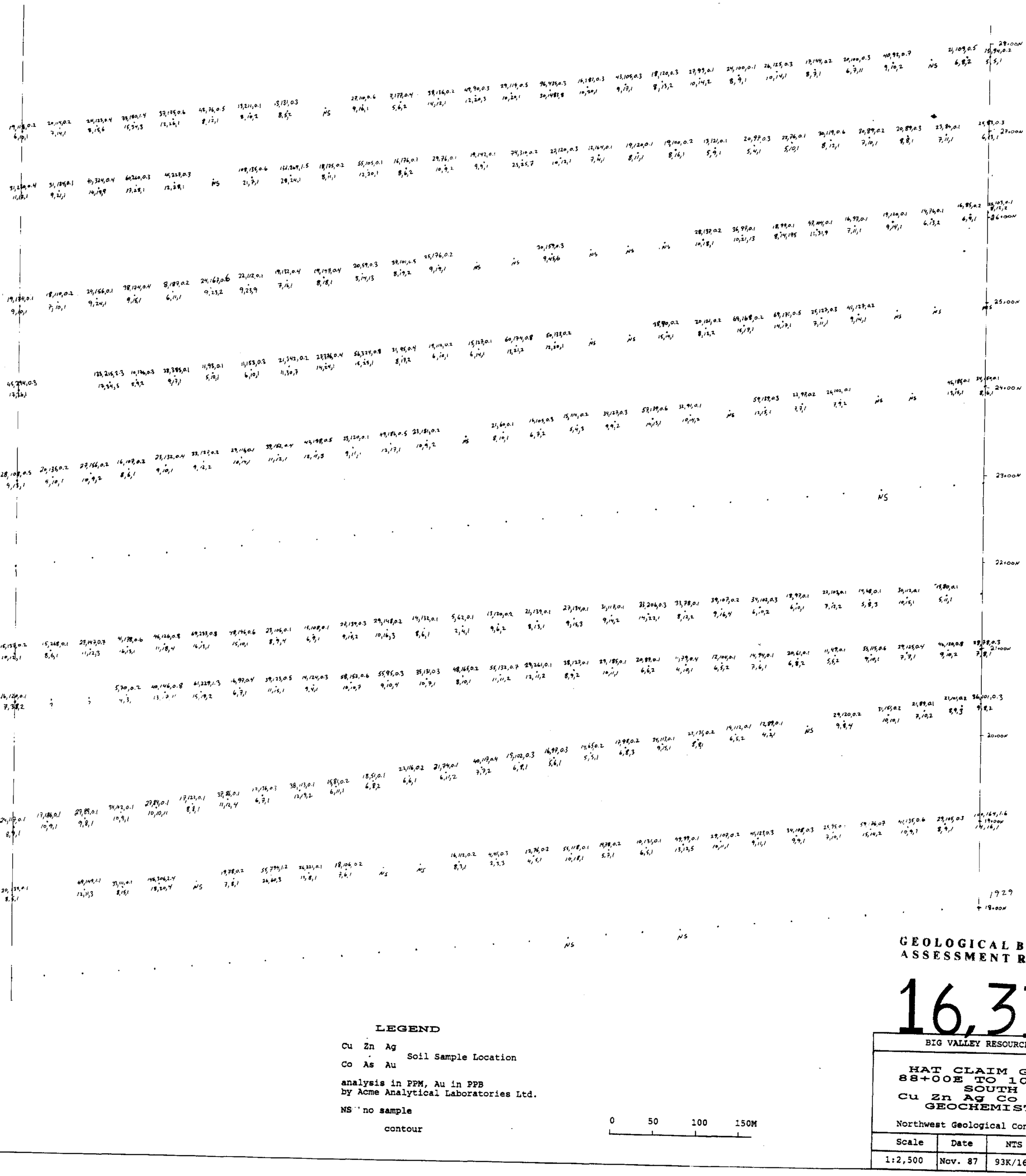
HAT CLAIM GROUP
88+00E TO 100+00E
SOUTH
GEOLOGY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	9a

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS - no sample

contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

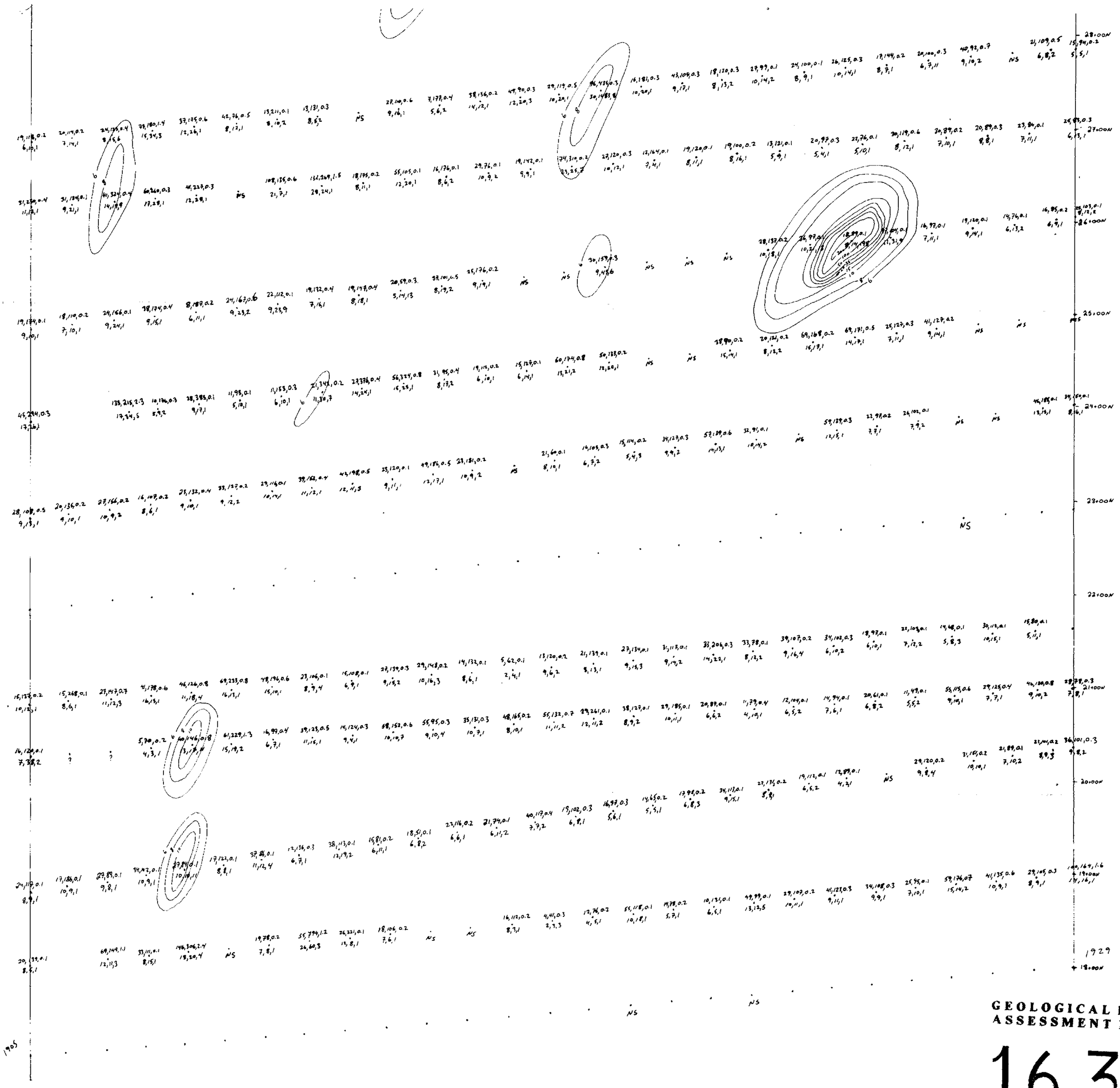
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
SOUTH
Cu Zn Ag Co As Au
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	96



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

contour

0 50 100 150M

GEOLOGICAL BRANCH ASSESSMENT REPORT

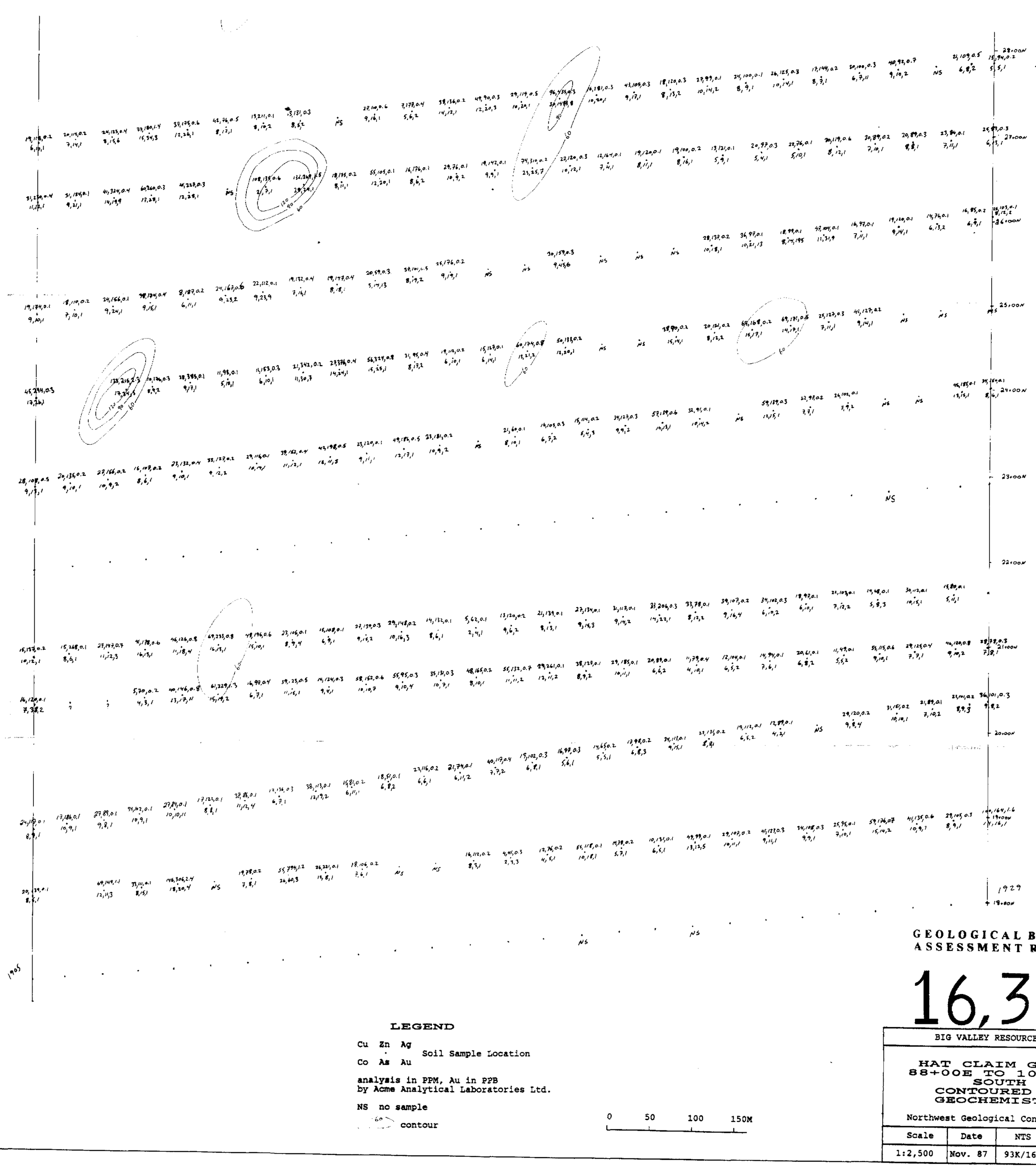
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP 88+00E TO 100+00E SOUTH CONTOURED Au GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	9c



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

60 contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

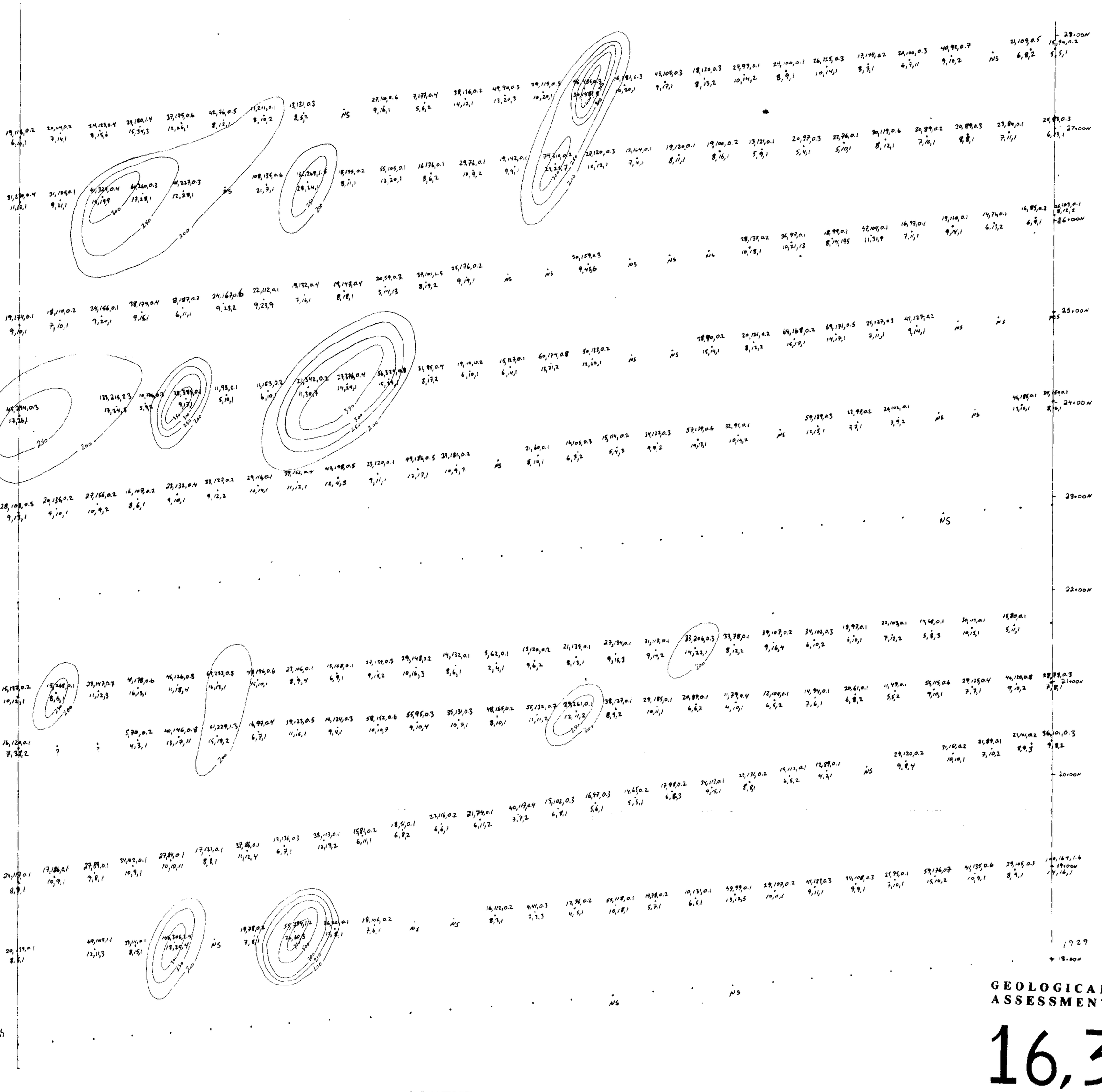
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
SOUTH
CONTOURED Cu
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	9d



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

200 — contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

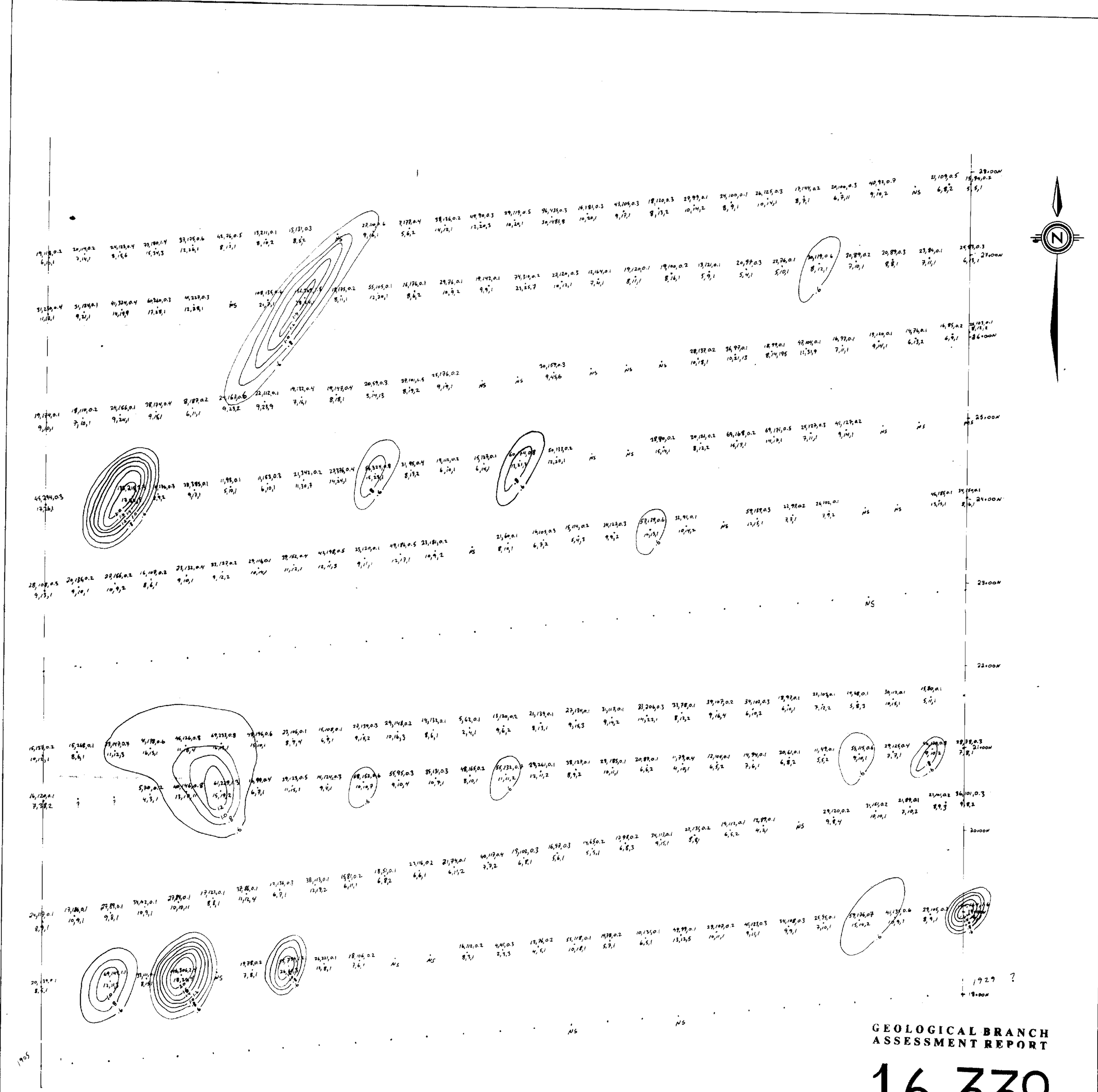
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
SOUTH
CONTOURED Zn
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	9e



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
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NS no sample

contour

GEOLOGICAL BRANCH
ASSESSMENT REPORT

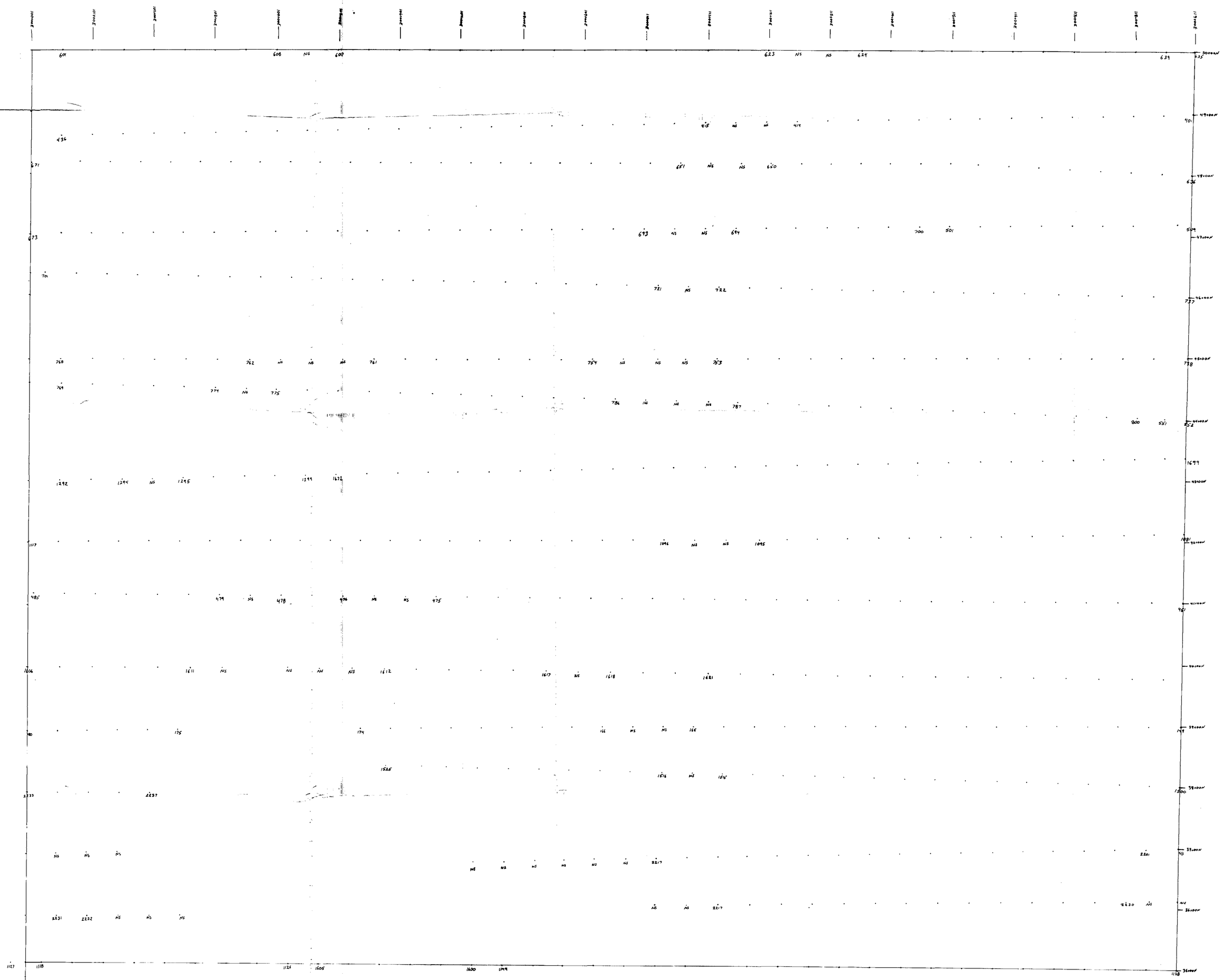
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
88+00E TO 100+00E
SOUTH
CONTOURED Ag GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	9f



LEGEND

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NS no sample

contour

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

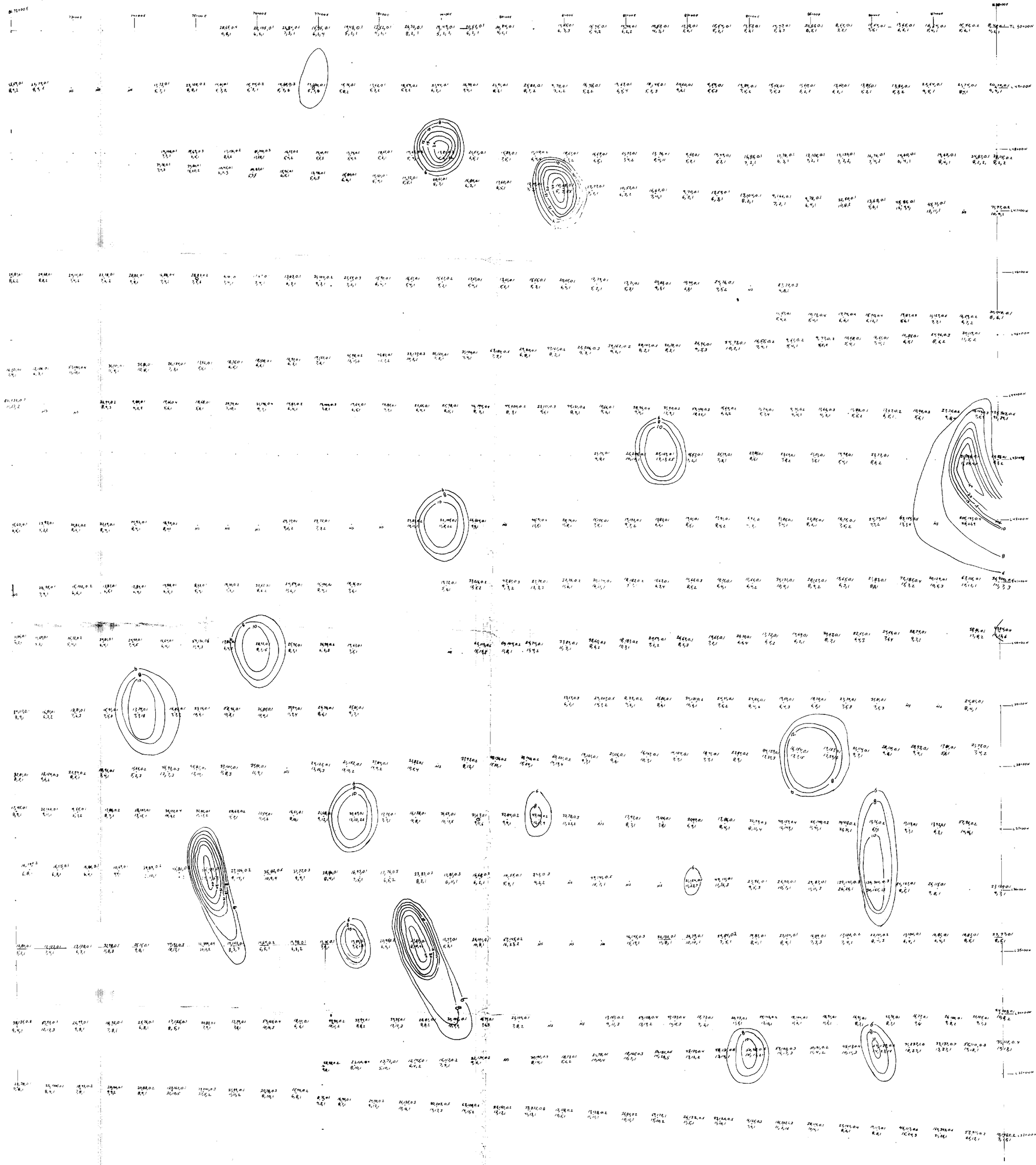
BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
100+00E TO 119+00E
SAMPLE LOCATION

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	10

HAT 88E - 72E



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
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NS no sample

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
NORTH
CONTOURED Au
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	6c

LEGEND

PLEISTOCENE AND RECENT

Glacial deposits: mainly sandy and pebbly tills

EOCENE OR OLIGOCENE

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UPPER JURASSIC OR LOWER CRETACEOUS

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GEOLOGICAL BRANCH
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BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
100+00E TO 119+00E
GEOLOGY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	10a

LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

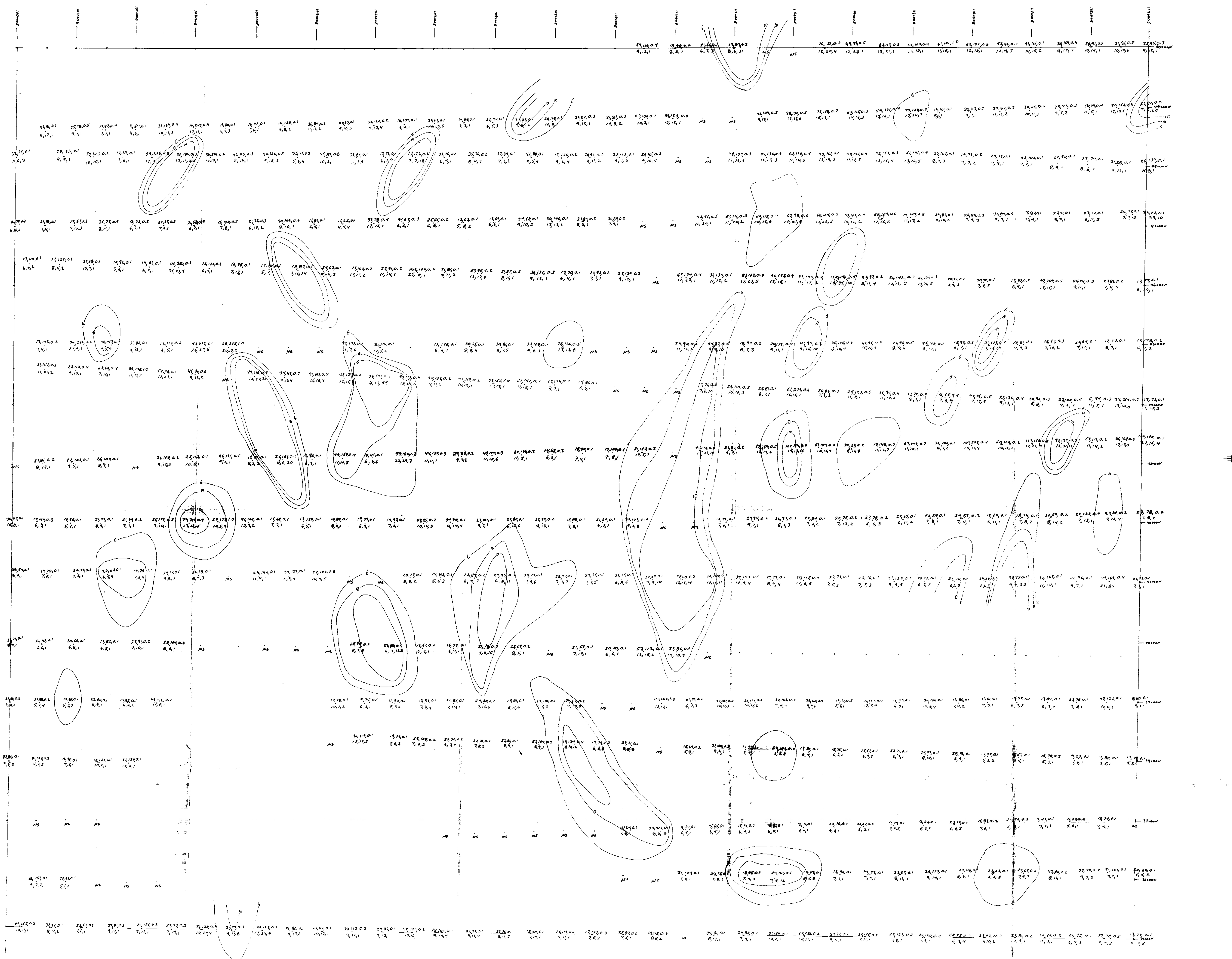
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
100+00E TO 119+00E
Cu Zn Ag Co As Au
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	10b



LEGEND

Cu Zn Ag
· Soil Sample Location
Co As Au

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

(8) contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

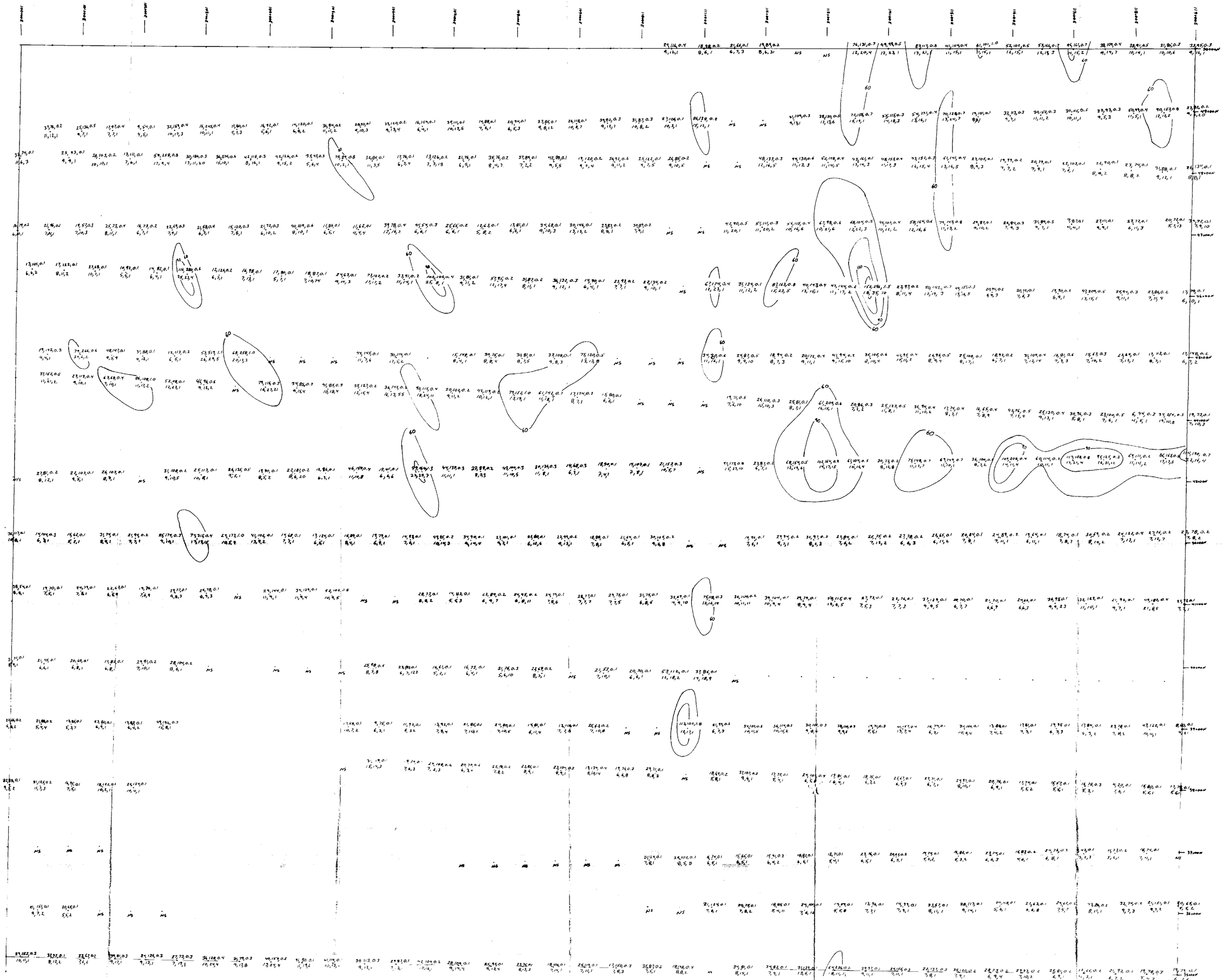
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
100+00E TO 119+00E
CONTOURED Au
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	10c



GEOLOGICAL BRANCH
ASSESSMENT REPORT

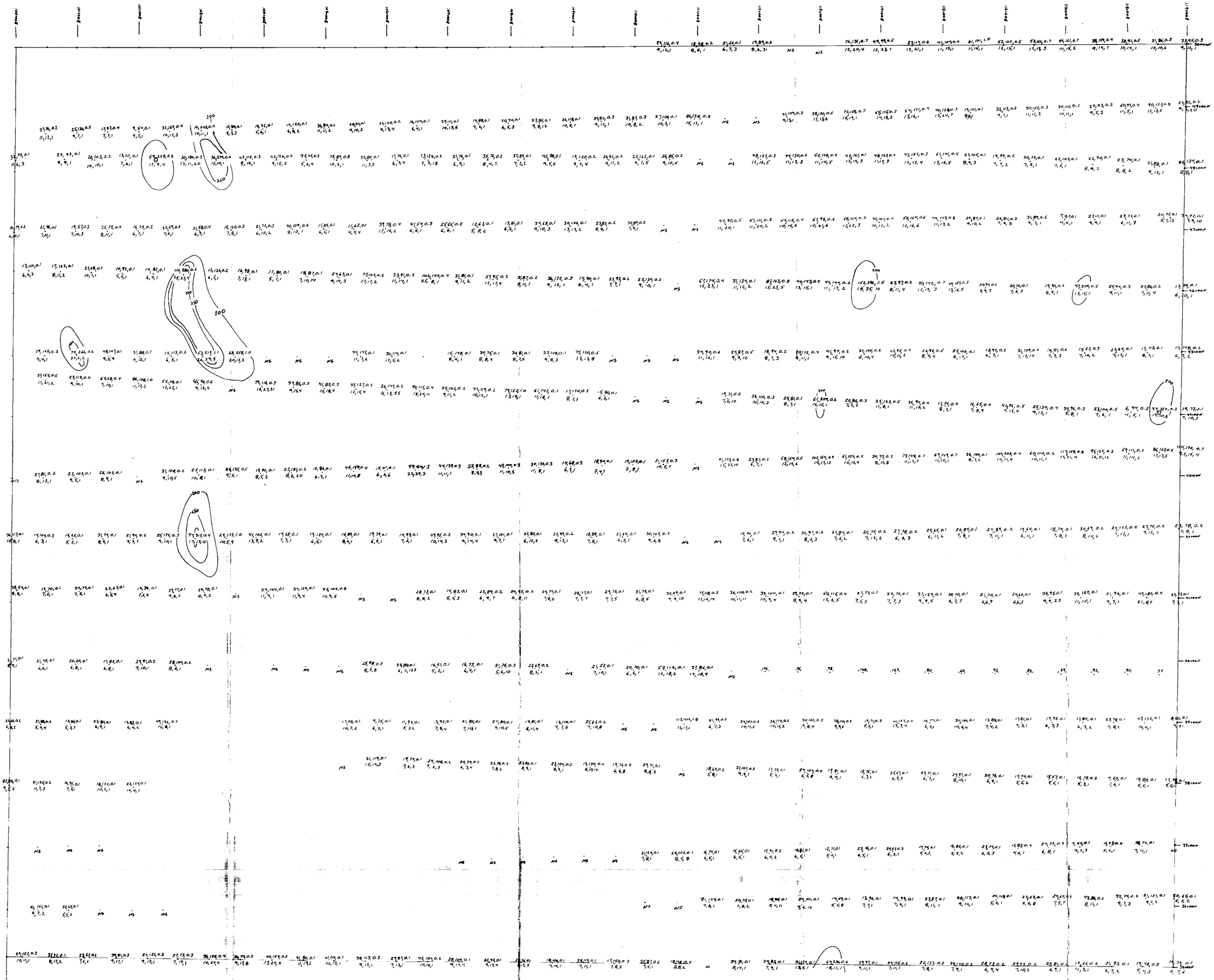
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
100+00E TO 119+00E
CONTOURED Cu
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	10d



LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

200 — contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

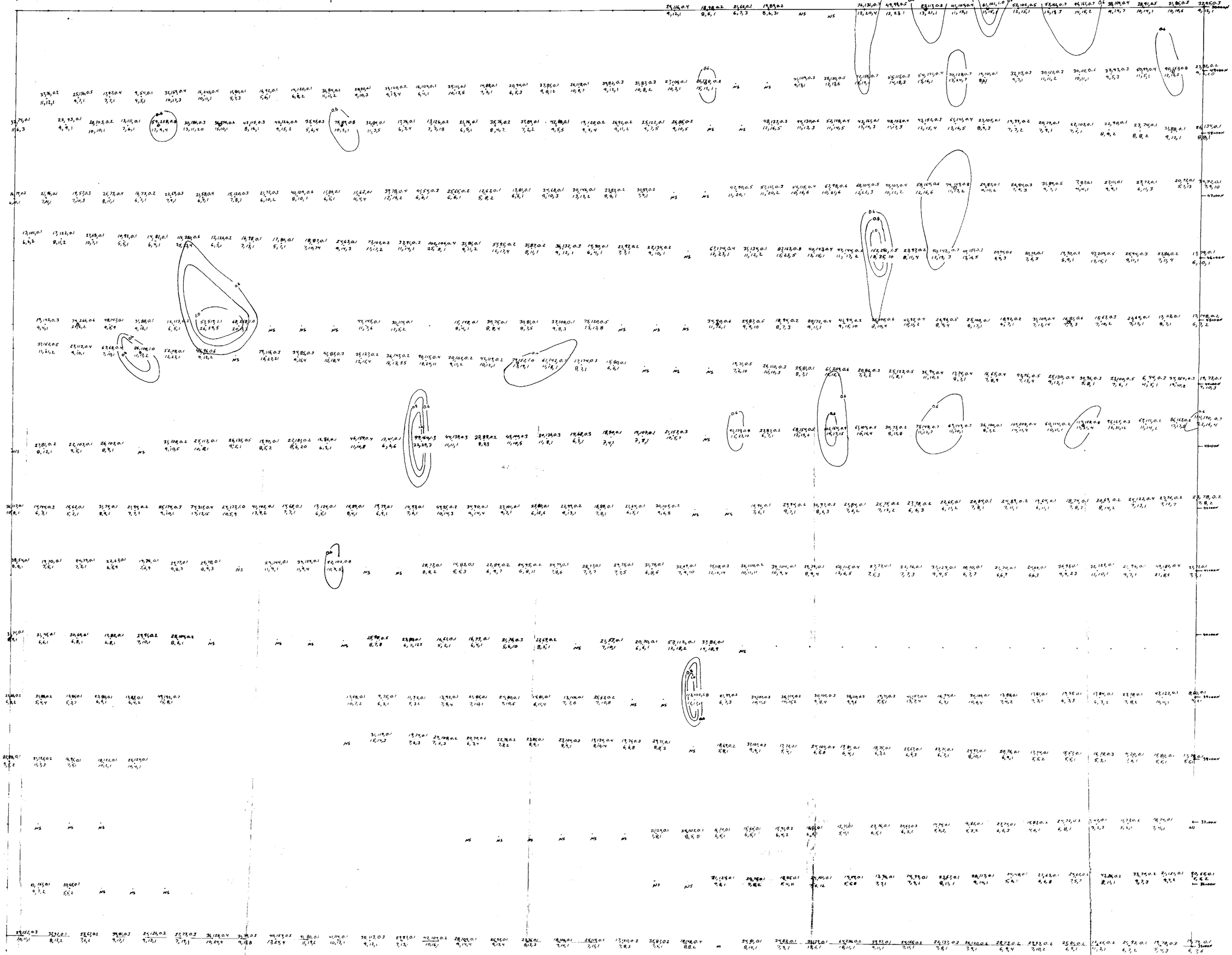
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
100+00E TO 119+00E
CONTOURED Zn
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	10e



GEOLOGICAL BRANCH
ASSESSMENT REPORT

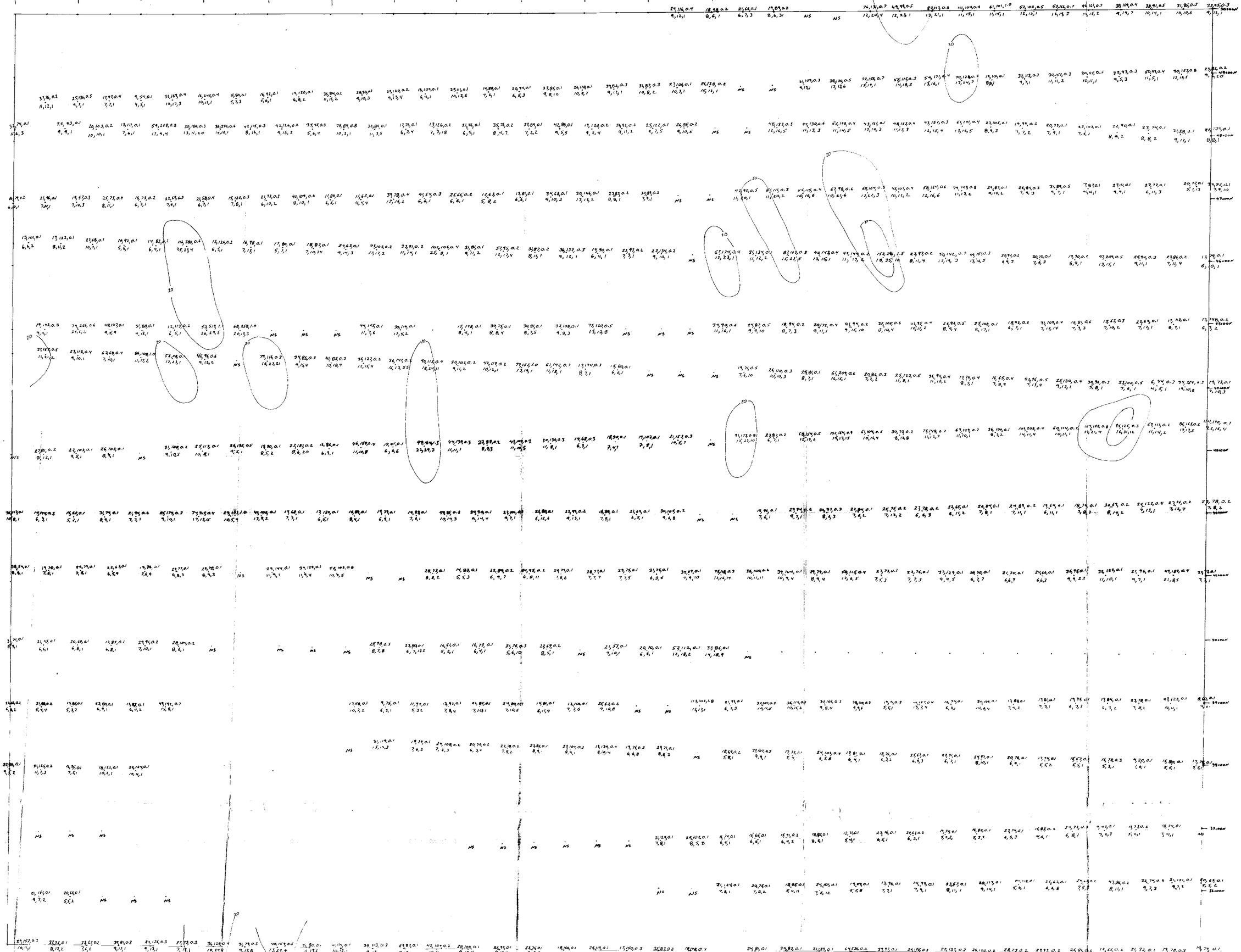
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
100+00E TO 119+00E
CONTOURED Ag
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	10 of



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

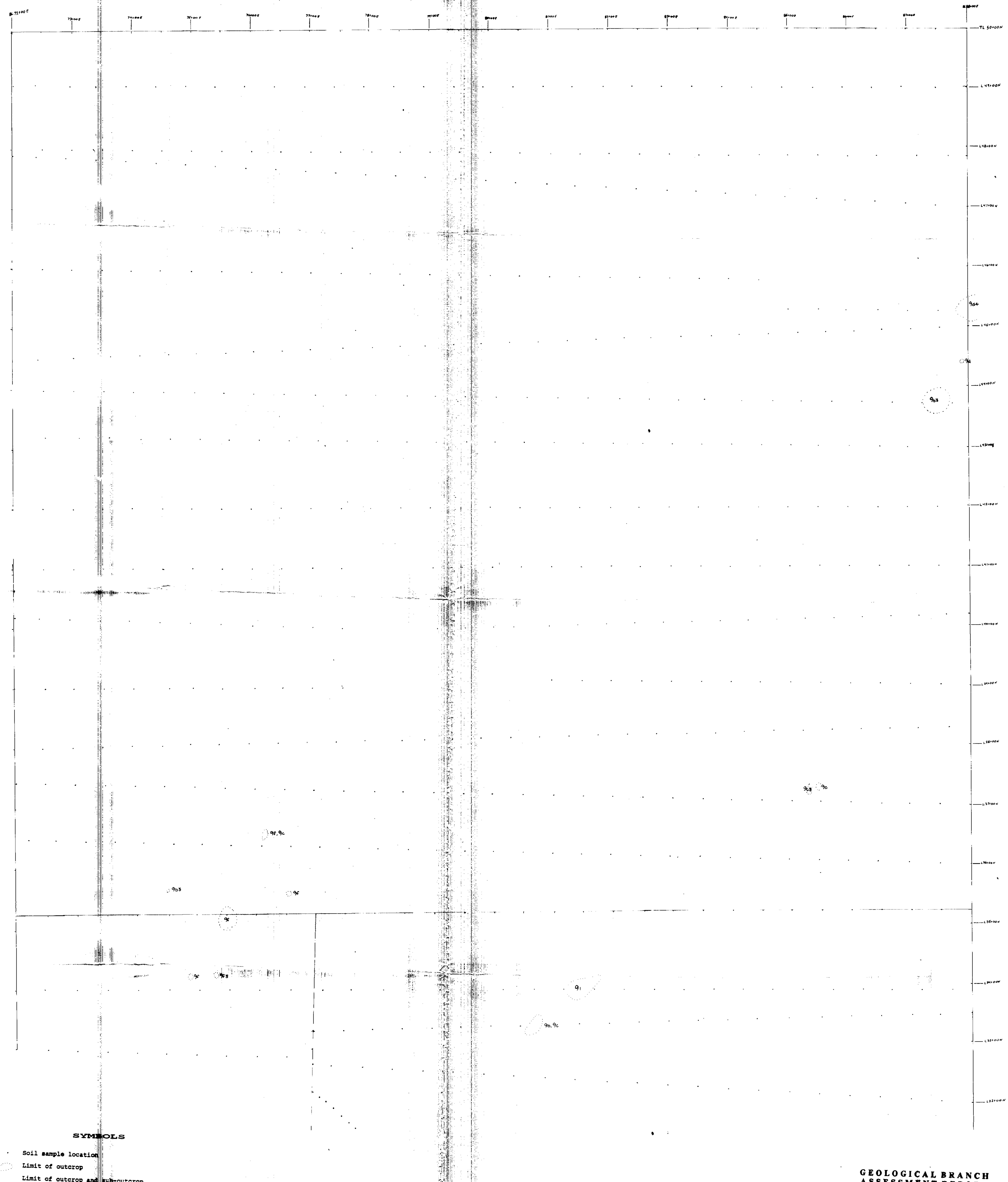
BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
100+00E TO 119+00E
CONTOURED AS
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	10

HAT88E ·72E



LEGEND

PLEISTOCENE AND RECENT

Glacial deposits: mainly sandy and pebbly tills

EOCENE OR OLIGOCENE

22 Granite, Rhyolite, Feldspar Porphyry

UPPER JURASSIC OR LOWER CRETACEOUS

3 OMINECA INTRUSIONS

- 3a Granodiorite
- 3b Diorite
- 3c Gabbro
- 3d Syenite

UPPER TRIASSIC AND LOWER JURASSIC

9 TAKLA GROUP
basaltic and minor andesitic flows, breccia, tuffs and epiclastic rocks; interbedded shale, conglomerate and greywacke

- 9a Argillite
- 9b Mudstone
- 9c Siltstone
- 9d Greywacke
- 9e Volcanic conglomerate
- 9f Andesite
- 9g Augite Porphyry Basalt
- 9h Chert

Alteration indicated by numeric code

1 hornfels
2 biotite schist
3 silicification
4 pyrite
5 carbonate
6 epidote

SYMBOLS

· Soil sample location
Limit of outcrop
Limit of outcrop and sub-outcrop
py Pyrite or Pyrrhotite
cpy Chalcopyrite
gn Galena
vn Vein

Geological Boundary: defined, inferred, assumed
Bedding: vertical, inclined
Dyke or Vein: inclined
Gravel Road

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
NORTH
GEOLOGY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	6a

HAT 88E - 72E

LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

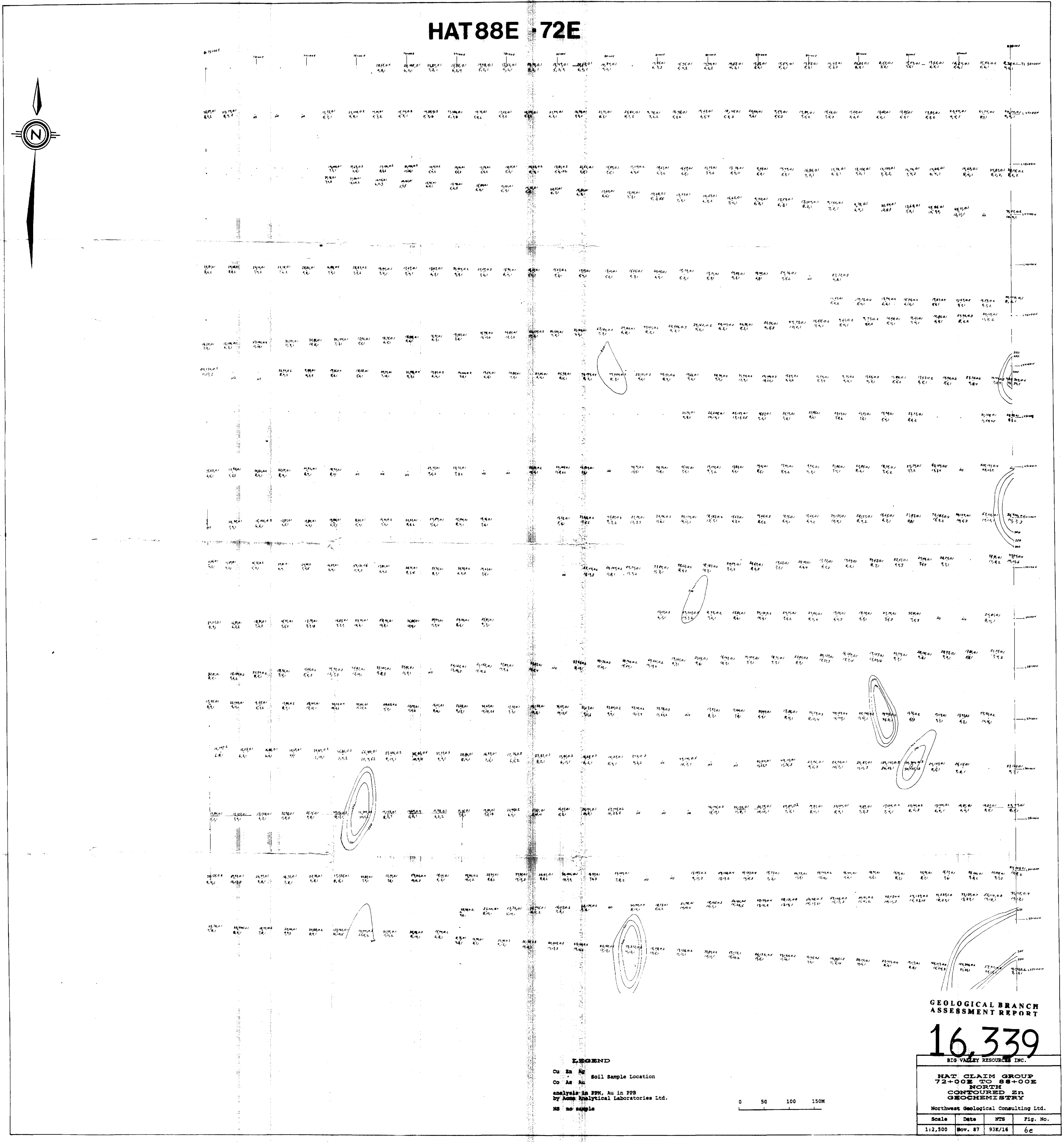
NS no sample

0 50 100 150M

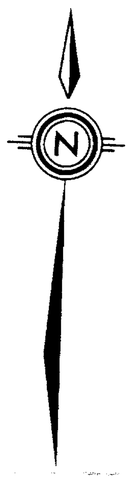
GEOLOGICAL BRANCH
ASSESSMENT REPORT

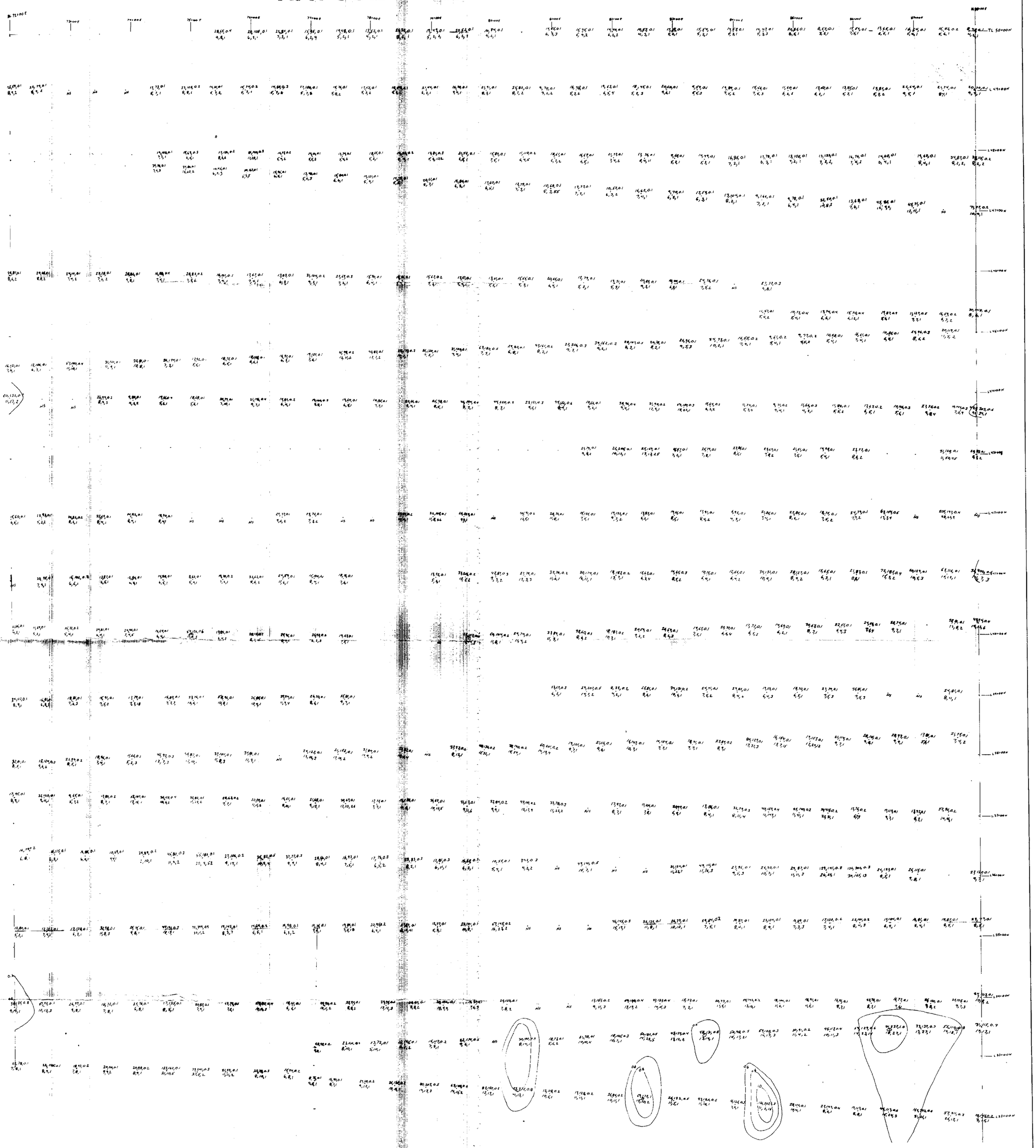
16,339

BIG VALLEY RESOURCES INC.			
HAT CLAIM GROUP 72+00E TO 88+00E NORTH CONTOURED Cu GEOCHEMISTRY Northwest Geological Consulting Ltd.			
Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	6J


HAT88E ·72E
L 72+00E
TL 50+00N
GEOLOGICAL BRANCH ASSESSMENT REPORT
16,339
LEGEND
Cu Zn Ag
Co As Au
Soil Sample Location
analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.
NS no sample
0 50 100 150M
BIG VALLEY RESOURCES INC.
HAT CLAIM GROUP
72+00E TO 88+00E
NORTH
CONTOURED Zn
GEOCHEMISTRY
Northwest Geological Consulting Ltd.
Scale
1:2,500
Date
Nov. 87
NTS
93K/16
Fig. No.
6e

HAT 88E - 72E





LEGEND

Cu Zn Ag
Co As Au — Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
NORTH
CONTOURED Ag
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	6f

HAT 88E - 72E

LEGEND

Cu Zn Ag
Co As Au

Soil Sample Location

analysis in PPM, Au in PPB
by Acme Analytical Laboratories Ltd.

NS no sample

contour

0 50 100 150M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

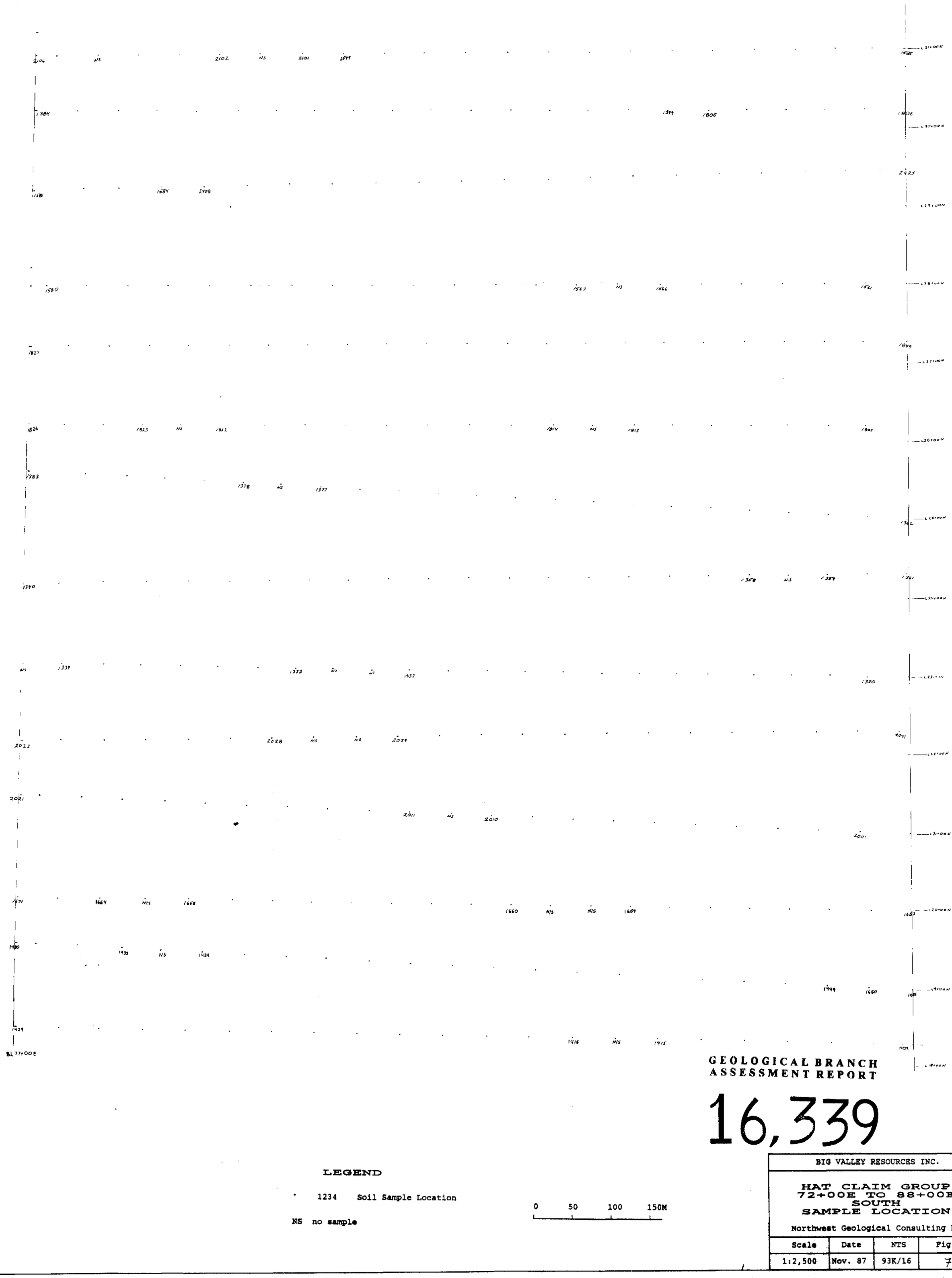
16,339

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
NORTH
CONTOURED As
GEOCHEMISTRY

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	6g



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,339

LEGEND

• 1234 Soil Sample Location

NS no sample

0 50 100 150M

BIG VALLEY RESOURCES INC.

HAT CLAIM GROUP
72+00E TO 88+00E
SOUTH
SAMPLE LOCATION

Northwest Geological Consulting Ltd.

Scale	Date	NTS	Fig. No.
1:2,500	Nov. 87	93K/16	7