86-806-15864
12/87

GEOLOGICAL, GEOCHEMICAL, AND GEOPHYSICAL REPORT

ON THE

JAN CLAIM GROUP

LOCATED IN THE

SIMILKAMEEN MINING DIVISION

WEST OF

HEDLEY, B. C.

PROPERTY : 49°23' N Latitude
120° 08' W Longitude

NTS 92H/8E

OWNER/OPERATOR: Kirby Energy Ventures Inc.
1140-625 Howe St., Vancouver, B.C.

WRITTEN BY: Michael R. Sanford, Geologist
Box 225, Hedley, B.C.

DATED : December 18, 1986

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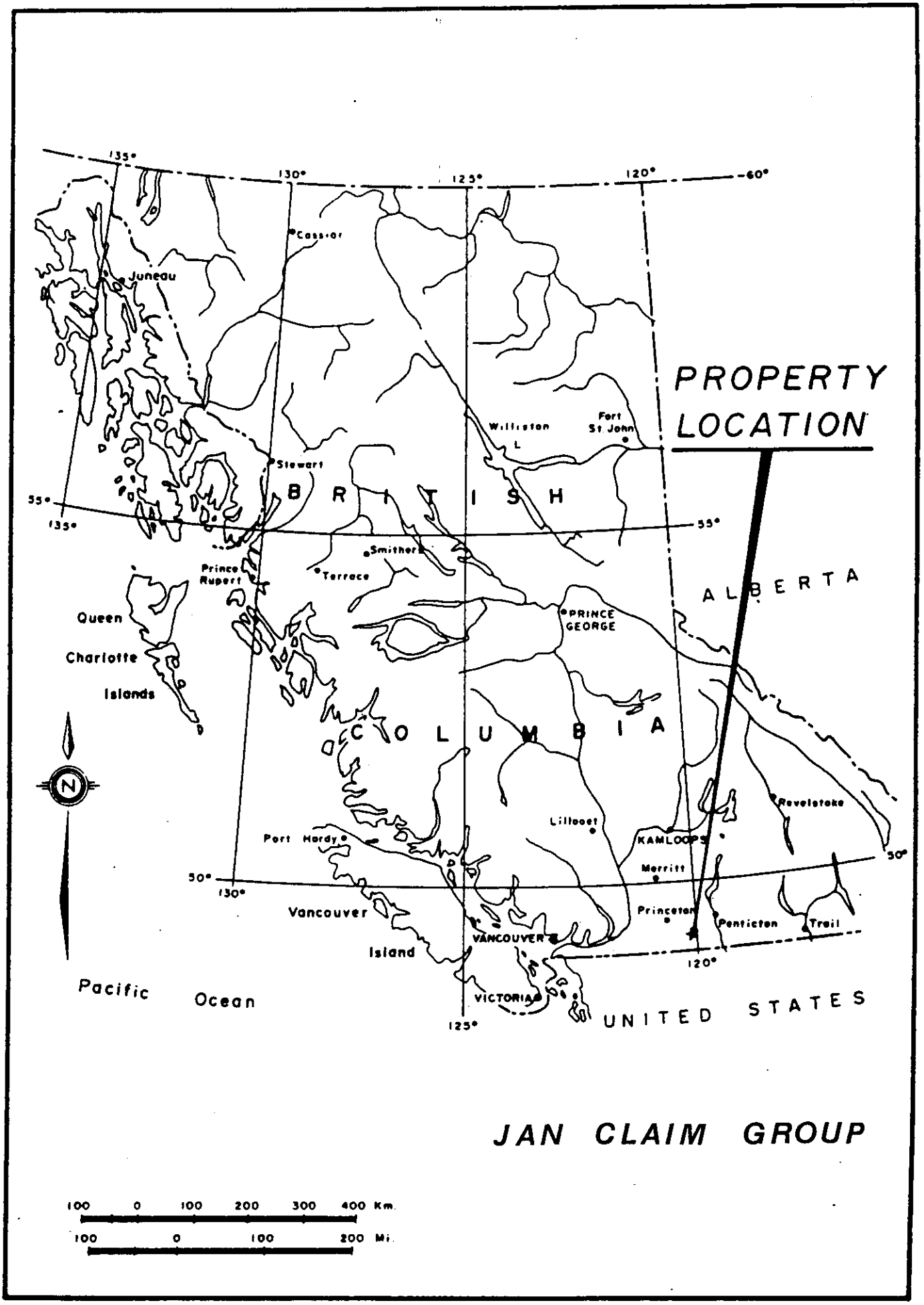
PROPERTY LOCATION
JAN CLAIM GROUP
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Cassiar
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BRITISH
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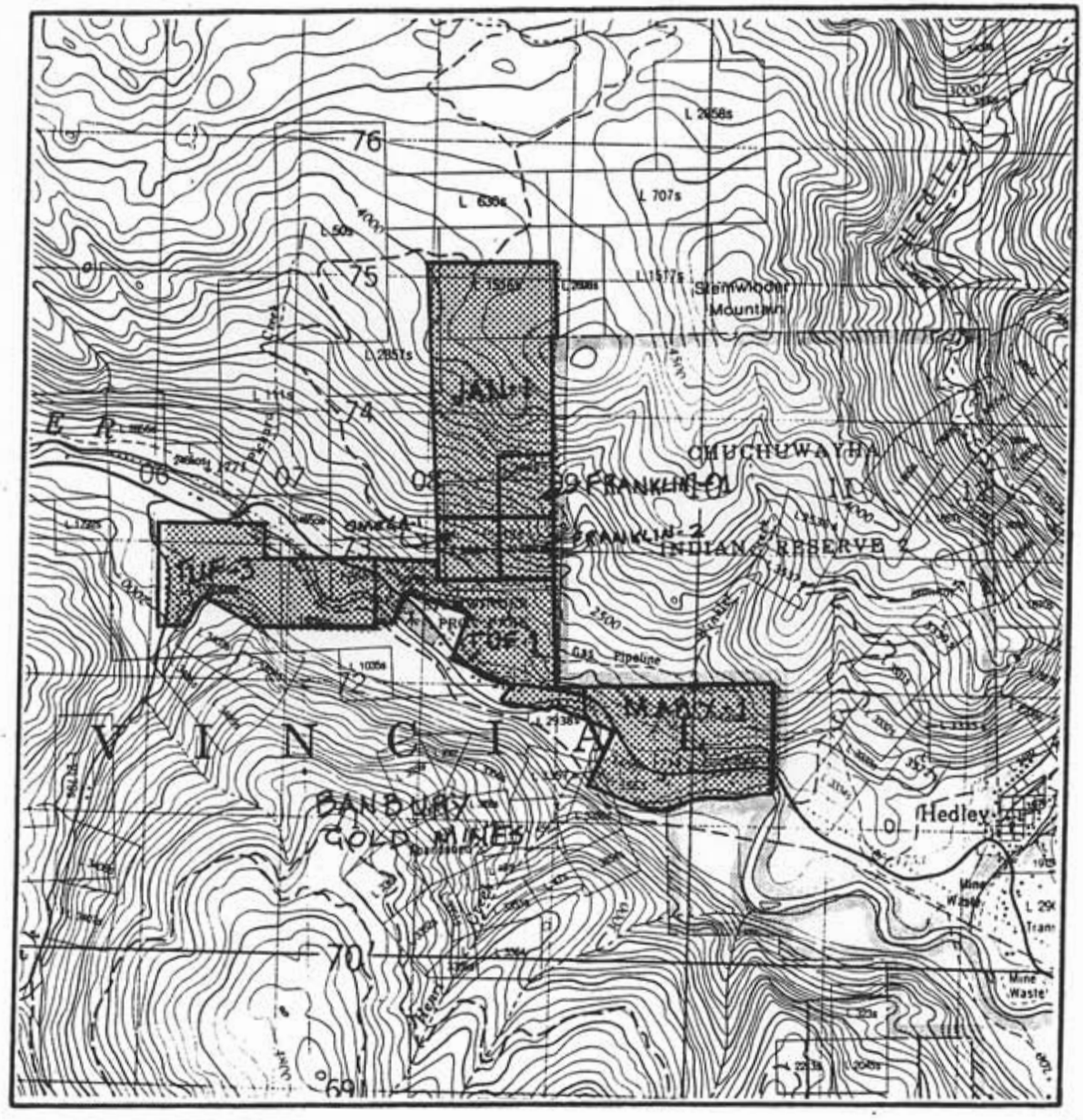

JAN CLAIM GROUP

49°23'N 120° 08'W, HEDLEY AREA, B.C.

SIMILKAMEEN M.D., B.C.

CLAIM LOCATION MAP

SCALE:	DATE:	SHEET:	N.T.S.
1:50,000			92 H/8 E

I. INTRODUCTION:

From the first of May, 1986, to the 31st of October 1986, a general exploration program was carried out on the Jan Group mineral claims, belonging to Kirby Energy Ventures Ltd. The program was managed by M. R. Sanford of Banbury Gold Mines Ltd. at the request of Mr. C. Underhill of Kirby Energy Ventures Ltd.

A summary of the work is presented as follows:

1. Grid establishment: 4.6 km cut base line; 37.0 km flagged line; covering all claims.

2. Geological Survey: covering all claim units; 16 rock samples taken for assay.

3. Geochemical Survey: 462 soil samples taken on 100m lines with 50m grid spacing and on 50m lines with 25m grid spacing; and analysed for Au, As, Zn, Cu, Pb, Ag, Co, Mo, Mn, Sb, W; taken over the Jan, Mary, Franklin I-2, and Omega claims.

4. Geophysical Surveys:
   - A. Magnetometer Survey 10.5 km
   - B. VLF - EM Survey 10.5 km
   - C. I.P. Survey (chargeability & resistivity) 10.5 km
     taken over Jan, Franklin I-2, and Omega claims.

II THE PROPERTY:

The Jan Claim Group consists of 8 claims totalling 41 units as follows:

CLAIM NAME	RECORD NO.	UNITS	EXPIRY DATE
Jan - 1	1609	10	Dec. 3
Mary - 1	1610	6	Dec. 3
Tuf - 1	1611	12	Dec. 3
Tuf - 2	1631	4	Feb. 2
Tuf - 3	1620	6	Feb. 8
Franklin - 1	1582	1	Sept. 28
Franklin - 2	1583	1	Sept. 28
Omega - 1	1584	1	Sept. 28
		41	

Ownership

The claims are owned by Kirby Energy Ventures Inc. of Vancouver, B. C.

Location

The Jan Group is located predominantly north of the Similkameen River, just west of the town of Hedley, B. C. It is bounded to the east by Indian Reservation 2, to the south by the claims of Banbury Gold Mines Ltd., and on all other sides by existing claims.

Access

Excellent access exists both to the property and on it. Highway #3 traverses the south boundary of the property from east to west, while a network of logging roads and the service road of the natural gas pipeline provide access to all parts of the claim group.

Physiography

Steep to gentle, grassy to forested south-facing slopes form the Jan-1, Mary-1, Tuf-1, Franklin 1-2, and Omega claims to the north of the Similkameen River. The elevation ranges between 500m at the Similkameen River, to 1220m on the north end of the Jan-1 claim. Water is scarce and would have to be transported for exploration purposes.

The Tuf-3 claim lies mainly to the south of the river near the mouth of Whistle Creek. It is made up of steep, north-facing slopes and bluffs.

III HISTORY OF THE PROPERTY AND REGION:

Regional History

Placer gold in the Similkameen River was discovered in the mid-eighteen-hundreds and actively worked until the turn of the century. The first major discovery of lode gold in the region was on Nickel Plate Mountain in 1897. Since then the area has had a long history of gold mining and between 1902 and 1955 approximately 51 million grams (1.6 million ounces) of gold were won from several mineralized skarn orebodies. Most production came from the Nickel Plate and Hedley Mascot mines located near the summit of Nickel Plate Mountain. Total production from the smaller French, Canty, Good Hope and Banbury mines was approximately 1.8 million grams of gold. Mineralization is also seen at the Peggy (Hedley Amalgamated) and Gold Hill properties.

The Hedley district was geologically mapped more than 40 years ago (Camsell, 1910; Bostock, 1930, 1940a, 1940b) but since that time little regional geological work has been done. The areas immediately surrounding some of the gold producers were mapped and studied in detail (Warren and Cummings, 1936; Dolmage and Brown, 1945; Lee, 1951), but less attention was devoted to either the regional geology or synthesising and comparing the various gold-bearing deposits in the district.

Interest in the Hedley gold camp has recently revived due to Mascot Gold Mines Limited planned 1987 reopening of the Nickel Plate mine as an open-pit operation (Simpson and Ray, 1986). Current open-pit reserves total approximately 6.5 million tonnes of ore grading 5.1 grams gold per tonne.

Banbury Gold Mines, currently under option to Noranda Exploration, has also created interest in the Hedley camp in prospects peripheral to Mascot Gold Mines Ltd.

Property History

It is evident that the property has held interest for many years. Many open cuts, shallow shafts, and five short adits were discovered, mainly excavated in gossans and sulphide-rich zones. As far as this author can make out, these are not recorded in any literature.

III HISTORY OF THE PROPERTY AND REGION (CONTD)

In the fall of 1980, a soils geochem survey was completed over part of the claim group, and the several anomalous zones were reported on by R. W. Phendler, P. Eng.

In the fall of 1982, 21 line km of simultaneous mag and VLF-EM surveys were carried out over part of the Jan Claim Group, and reported on by David G. Mark.

A preliminary report on the geology of the Jan Group was prepared by Thomas R. Tough, P. Eng. in Feb. 1983.

In 1984, the property was geologically mapped by Guy A. Royer, Geologist, on a scale of 1:5000.

IV GEOLOGY:

Regional

The Hedley region lies within the Intermontane Belt of the Canadian Cordillera. The area between Winters Creek to the east, and Smith Creek to the west is underlain by a sedimentary and volcaniclastic package of rocks of Upper Triassic age of the Nicola Group. These rocks are relatively highly deformed, and in the Hedley area are folded tightly along North-South axial planes. The entire package is roughly 1500 m thick.

As did Bostock in 1930, G. Ray of the B. C. Department of Mines divides the package in two, comprising an older Hedley Sequence, and a younger Whistle Creek Sequence. A description of these two sequences follows:

> "... our preliminary work indicates that the package can be informally separated into a younger Whistle Creek sequence to the west and an older Hedley sequence to the east. The latter comprises a generally westerly dipping, 450 to 600-metre-thick succession of sedimentary rocks that are characterized by thin-bedded, calcareous and cherty turbiditic siltstones, black argillites and impure limestone beds of variable thickness. Some parts of the Hedley sequence, particularly its upper portion, contain appreciable amounts of fine-grained volcaniclastic and crystal tuff material....
>
> "The Hedley sequence passes stratigraphically upwards into the 700 to 1200-metre-thick Whistle Creek sequence. This forms a generally westerly dipping, west-facing succession that mainly underlies the western portion of the district although small, downfaulted outliers of the sequence are present east of Hedley township and in the vicinity of Lookout Mountain. It contains tuffaceous siltstones and rare argillites in its lower portion, but higher in the succession is characterized by bedded to massive ash and lapilli tuffs with minor volcanic breccia. The Whistle Creek sequence is distinguished from the underlying rocks by a general lack of limestones and a predominance of volcaniclastic material. No volcanic flows have been identified in the sequence."

IV GEOLOGY (CONTD)

"The Whistle Creek sequence is divisible into three stratigraphic units, the oldest (Unit A) is believed to be Late Triassic in age, while the precise age of the upper two younger units (Units B and C) is uncertain. Unit A is mainly comprised of well-bedded to massic ash tuffs of andesitic to basaltic composition. In its lower portion the unit is predominantly sedimentary in character and includes tuffaceous siltstones, interbedded with thin horizons of well-bedded to massive crystal-lithic tuff. Higher in the unit, ash tuffs with minor lapilli tuffs and volcanic breccias predominate; individual horizons are thicker and more massive, and sedimentary bedding is uncommon. thin-section studies reveal that many ash tuffs in Unit A contain abundant euhedral, pristine crystals of plagioclase and pyroxene that show little evidence of mechanical abrasion or transportation...

"The Whistle Creek and Hedley sequences are separated by a limestone boulder conglomerate which forms the most distinctive and important stratigraphic marker horizon in the district. This conglomerate is best developed west of Hedley where it forms a northerly trending, steeply dipping unit that is traceable discontinuously for over 15 kilometres along strike. Remnant outliers of the same conglomerate are also seen further east, in the Nickel Plate mine-Lookout Mountain vicinity where it was originally called the "Copperfield breccia.

"The Copperfield conglomerate is best developed and exposed west and northwest of the Banbury Gold Mines property where it reaches its maximum thickness of 200 metres. Elsewhere, it is often less than 10 metres thick, but is well developed south of Lookout Mountain (100 metres thick), and southeast of Ashnola Hill (70 metres thick). The conglomerate varies from clast to matrix supported and is characterized by abundant, well-rounded to angular pebbles, cobbles, and boulders of limestone generally up to 1 metre in diameter. In some localities, rare limestone blocks and olistoliths up to 15 metres in diameter are present,

IV. GEOLOGY (CONTD)

"usually at the stratigraphic base of the conglomerate. Limestone generally comprises more than 95 per cent of the clasts but rare clasts of argillite, siltstone, wacke, chert, crystalline quartz, and both felsic plutonic and acid to intermediate volcanic rocks are also present. The limestone clasts vary considerably in appearance, from grey to buff to pink in colour, from fine to coarse grained, and from massive to thinbedded. Some limestone boulders contain fragments of bivalve shells and crinoid stems, and a few are composed of a limestone conglomerate comprising grey limestone clasts cemented in a calcareous matrix. Other less common boulders consist of chert pebble conglomerate with a gritty calcareous matrix.

"Some of the larger, elongate, siltstone clasts are deformed and exhibit soft sediment deformation structures, suggesting that they were unlithified when incorporated into the conglomerate. The conglomerate throughout the district exhibits both normal and reverse grading; larger blocks and boulders are generally more common towards the stratigraphic base, and finer grained, moderately bedded grits and conglomerates are found towards the top of the unit. The conglomerate matrix varies from massive to thin bedded and ranges from siliceous and gritty, to calcareous or finely tuffaceous; locally it shows evidence of chaotic slumping and soft sediment disruption.

"The Copperfield conglomerate is interpreted to be an olistostrome. It probably resulted from the catastrophic slumping of an unstable accumulation of reef debris down a steep submarine slope, and the widespread, chaotic deposition of this mass onto a sequence of unlithified, deeper water turbidites. South of Lookout Mountain some of the larger limestone blocks were apparently autobrecciated during the downslope movement. They are now represented by highly angular, closely interlocking fragments, separated by a thin limy gouge matrix."

IV GEOLOGY (CONTD)

"Sedimentary indicators show that the Hedley and Whistle Creek sequences generally young westward.
Measurements of crossbeds and flame structures indicate that the Hedley sequence, and Unit A of the Whistle Creek sequence were deposited by northwesterly to southwesterly directed paleocurrents.

"Three plutonic suites are recognized in the area:

"The oldest is probably Middle Jurassic in age and comprises massive, coarse-grained, hornblende-bearing diorites, quartz diorites and minor gabbros of the Hedley intrusions (Rice, 1947). Potassium-argon age dates from these rocks range between 170 and 190 million years (Roddick et al., 1972). These rocks form major stocks up to 1.5 kilometres in diameter and swarms of thin sills and dykes, up to 200 metres in thickness and over 1 kilometre in strike length. The suite is absent in the Apex Mountain Group, but further west is widespread throughout the Upper Triassic rocks in the Hedley district. Most of the Hedley intrusions are concentrated along a northerly trending, elongate zone that coincides with the slope-related change of sedimentary facies in the Hedley sequence. Varying degrees of sulphide-bearing skarn alteration are developed within and adjacent to many of these intrusions. Some previous workers (Billingsley and Hume, 1941; Dolmage and Brown, 1945) considered this plutonic suite to be genetically related to the skarn-hosted gold mineralization in the district, including that at the Nickel Plate, Hedley Mascot and French mines. The preliminary geochemical and mapping results of this project support their conclusions.

"The second plutonic suite, the Similkameen intrusions, comprises coarse, massive, biotite hornblende-bearing granodiorite of presumed Late Jurassic age; most potassium-argon ages from these rocks range from 150 to 160 million years (Roddick et al., 1972). These intrusions generally form large bodies such as the Pennask pluton which outcrops northwest of Hedley and a granodiorite body outcropping between Winters Creek and Hedley township ...referred to as the Cahill Creek Pluton type in the region."

IV GEOLOGY (CONTD)

"The third and youngest intrusive suite in the district is represented by a fine-grained, felsic, quartz-bearing porphyry that cuts and postdates the Cahill Creek pluton. These rocks are characteristically leucocratic and contain rounded, partially resorbed quartz phenocrysts up to 4 millimetres in diameter. Sills and dykes, generally less than 3 metres wide, are widespread but not abundant throughout the area. West of Ashnola Hill one 300-metre-wide, 1.3-kilometre-long dyke-like body of quartz porphyry is controlled by the west-southwest-trending Cahill Creek fracture zone."

Property Geology

The Jan Group claims were mapped at a scale of 1:2500 during June and July, 1986, by Peter Peto, geologist. (Map A, B, C.)

The property lies at the geological boundary between the Hedley and Whistle Creek sequences and these are separated by the Copperfield conglomerate. To the east the Mary claim is composed entirely of Hedley sequence sediments with minor volcaniclastics while to the west the Tuf-3 claim is underlain entirely by Whistle Creek sequence rocks. Striking N 15E through the Tuf-1, Omega, Franklin 1-2 and Jan claims runs the Copperfield conglomerate, separating the steeply dipping Hedley sequence to the east from the younger steeply dipping Whistle Creek sequence to the west. All strata young to the west indicating that the sediments across the property form the western limb of a major anticline.

The sequence has been invaded by three suites of intrusive rocks. The oldest of these represents the mid-Jurrasic Hedley intrusions of dioritic to gabbroic composition. On the Tuf-3 claim, the Whistle Creek sequence is intruded by a 50 meter wide medium-grained gabbro dyke trending N-S and dipping steeply east. The several pits and short adits were located in quartz veins and sulphide bearing shear zones in the volcaniclastic rocks within 50m of this dyke. It would appear that the gabbro is responsible for the quartz veining, sulphide introduction, and the associated gold values that accompany these small leads. On the Tuf-2, Franklin 1-2, Omega, and Jan-1 claims several small sills and dykes of porphyritic composition were encountered. These are believed to be of the Hedley diorite suite of

IV GEOLOGY (CONTD)

Property Geology (contd)

intrusives. They contain between 2 and 4% fine pyrrhottite and pyrite, and are generally less than 3 meters wide. They are usually conformable or sub-conformable to bedding, and intrude both the Hedley and Whistle Creek sequences.

The north part of the Jan claim is composed of the Late Jurassic Pennask Pluton, of quartz-diorite composition. In general it is barren, medium to coarse-grained, unmineralized, and uninteresting. Its contact with the Nicola package to the southeast on the claims is somewhat irregular, and has had little effect on the sediment-volcaniclastic country rocks other than a moderate hornfelsing.

The youngest intrusives on the property are biotite-feldspar porphyry dykes which are generally steeply dipping, and are from one meter to 30 meters wide. Generally these are altered to a greenish colour, the biotite and hornblende phenocrysts are chloritized, and the ground mass mafics altered to epidote and chlorite. Typically they have five to twenty percent fine to medium-grained phenocrysts in a fine to very fine-grained groundmass. These are widespread, and are thought to accompany zones of weakness in the sediment-volcanic package. On Banbury Gold Mines property, adjacent to the south, these dykes often accompany shear zones and quartz veins.

Across the southern boundaries of the Franklin-2 and Omega claims runs a N 60 E fault. Movement along the fault, as indicated by the offset Copperfield conglomerate, is 500m. Displacement along the sub-parallel fault 200 meters to the southeast of this appears to be negligible.

Sixteen chip samples were taken for assay from the claim group, and are presented in Appendix A. Briefly, the areas of interest are as follows:

1. a zone of moderate silicification and alteration between lines 18 N and 26 N, and between 6650E and 7200E. It appears that two or more parallel zones that also parallel the bedding exist in this broad envelope. Alteration and silicification of this nature are generally caused by Hedley diorite in this author's experience, but no Hedley diorite

IV GEOLOGY (CONTD)

Property Geology (contd)

was apparent in outcrop. Possibly an intrusive that underlies the zone and is not exposed on surface is responsible for the alteration and associated values in gold, silver, arsenic, zinc, and lead.

2. a quartz-arsenopyrite vein associated with late stage altered dykes on the Mary claim at line 3N, 8450 E. This mineralization is similar to that found on Banbury Gold Mines Property.

3. quartz-fissure and shear zones on the Tuf-3 claim adjacent to the gabbro dyke.

V. GEOCHEMISTRY:

Historical Surveys

Part of the Jan Group was covered by a geochemical survey in 1980. This included the Omega, Franklin 1 and 2, and parts of the Tuf-1 and Jan-1 claim. The soils were taken on 100 meter lines with a 50 meter spacing, and analysed for gold. Several anomalous zones were outlined, and the zones of primary importance are reviewed.

Anomaly "E" is located along the northern boundary of the Omega Claim and has an east-west orientation. It was the largest anomaly discovered in the survey area, measuring seven hundred meters long by one hundred to one hundred and fifty meters wide. It is located in the Whistle Creek sequence. Gold values ranged from 70 to 330 ppb.

Anomaly "F" is centered on line 29 N, 6800E and has a North-south orientation. It is roughly 200 meters long and 75 meters wide, having gold values between 80 and 200 ppb.

Numerous other values were obtained locally from 70 to 270 ppb.

Present work

The current survey was carried out over the Jan-1, samples were taken on 100 meter lines with 50 meter sample intervals over the entire Mary-1 claim, while samples were taken on 50 meter lines with 25 meter sample intervals over parts of the other claims. The grid area between lines 18 N and 26 N, and between 6650E and 7150E were covered. The soils were taken from the "B" horizon, and were analysed for Au, As, Zn, Pb, Ag, Cu, Co, Mo, Mn, Sb, and W. The results are tabulated in Appendix B. Map II shows the results of the four most significant elements: Au, As, Zn, Pb.

The most significant anomalies indicated by the survey can be summarized as follows:

1. Anomaly "G": This is centered on line 24.5 N at 6750E , and trends N-S. It is 300m long and open to the north, and is 100m wide. It is strongly anomalous in zinc (300 to 4,000 ppm),

V. GEOCHEMISTRY: (CONTD.

Present work contd.

moderately anomalous in arsenic (40 to 200 ppm) and lead (40 to 1300 ppm) and weakly anomalous in gold (70-100 ppb). There is a strong relationship between zinc, arsenic, and lead, but the relationship with gold is unclear. Anomaly "G" appears to be a southerly extension of Anomaly "F" of the 1981 geochem survey. It is evident that the 50 meter by 25 meter soils grid should be extended to the north to cover Anomaly "F", and the samples should be tested for Zn, Pb, and As as well as Au.

2. Anomaly "H": This is centered on line 24 N at 7025 E and is sub-parallel to Anomaly "G". It is 250 meters in length and 100 to 200 meters wide. It is far less intense than Anomaly "G" with less relationship between the elements. It trends off the property to the NE.

3. Anomaly "I": This is only partially picked up on lines 18 N and 18.5 N at 6850 E -7000 E, and represents an extension of Anomaly "E". Further testing to the south and west is necessary.

VI. GEOPHYSICAL SURVEY

Historical surveys

During 1982, magnetometer and VLF-EM surveys were carried out over the Jan-1, Omega, Franklin 1-2, and Tuf-1 claims. The following are excerpts from the report dated Jan. 6, 1983 by D. G. Mark, Geophysicist, entitled "Geophysical Report on Magnetic - VLF-EM Surveys over the Jan Claim Group and the Louise Claim Group, Hedley Area, B. C."

> "The major trend of the VLF-EM anomalies, as seen on the Jan Claim Group is primarily southwest...considering the VLF-EM anomalies are likely to be reflecting structure, the major strike of structure ... is concluded to be in (this) direction.
>
> On the Jan Claim Group, the survey has produced a high number of anomalies. In the writer's experience the anomalies are relatively short with good intensity. Also the anomalies are quite complex striking in several directions and therefore indicating cross structure ... the highs often are at points of intersection of two conductors striking in two different directions.
>
> The magnetic field ... is relatively fairly quiet. Over most of the southern two thirds of Jan Claim Group, the magnetic field varies only 3600 to 4000 gammas, and on the northern third, 4200 to 4600 gammas.... This is typical of Nicola Group rocks.
>
> ... one magnetic high lineation located on the Jan Claim Group survey is of particular interest. It correlates with soil geochemistry Anomaly "E" as well as a series of VLF-EM anomalies."

Present work

The geophysical survey conducted in 1986 included magnetic and VLF-EM surveys as well as an I.P. survey where chargeability and resistivity of the rocks were measured. The surveys were conducted over Nicola Group rocks in the Jan-1, Omega, Franklin 1-2, and Tuf -1 claims. Readings were taken at 25 meter intervals on 100 meter E-W lines.

VI. GEOPHYSICAL SURVEY (CONTD)

Unlike the survey of 1982, the major trends of both magnetic and VLF-EM surveys were shown to be predominantly N10E to N20E. VLF-EM conductors are generally moderate to weak and from 100 meters to 500 meters in strike length. Magnetic anomalies strengthen in general towards the northeast part of the survey area. This observation corresponds with the alteration zone noted in this area.

The I. P. survey confirms the N10E to N20E strike that is indicated by the mag and VLF-EM surveys, except in the southern part of the survey area, where a N20E trend on a small scale (widths of less than 50 m) is imprinted by a major N65E trend.

Whereas the N10E to N20E trend is likely to be reflecting lithology, and in places, the conformable to sub-conformable sills and dykes of Hedley Diorite, the major N65E trend across the southern portion of the survey area is caused by structure, i.e. faulting of the rocks

The areas of primary importance that are indicated by the geophysical surveys are as follows:

1. Northeast corner of the survey area, centered on line 28N, 7050E, and line 29N, 6850E. This corresponds roughly with the area of silicification and alteration, that is accompanied by many mineralized showings, and soils Anomaly "F".

2. Southern margin of survey area, along lines 17N and 18N from 6500E to 7100E. This corresponds with soils Anomaly "E", and is parallel to the major faulting along the southern boundaries of the Franklin 2 and Omega claims.

The geophysics should be completed in more detail in these areas, as well as extended to the south and north of the present limits.

A Scintrex MP4 was used for the magnetometer survey, and the total field intensity was measured in a T. A Scintrex VLF4 was used for the VLF survey and the station used was Seattle, NLK, broadcasting at 24.8 KH.

A Scintrex IPR-10 Time Domain Receiver and 250W Time Domain Transmitter was used for the I.P. Survey. The Schlumberger array was used with AB=175m and MN=25m.

VII. DISCUSSION AND CONCLUSIONS:

Upon reviewing all aspects of the past season's exploration program on the Jan Claim Group, as well as all other historical and background information, a list of the author's observations and conclusions are presented:

1. The Jan Claim Group has anomalous gold values in both soils and rocks in four discrete areas.

   In order of importance, these are:

   i) Anomaly "F" - Anomaly "G": 600 meters in strike length; probably related to bedding; in Hedley sequence; moderate silicification and alteration; partial fit to Mascot-type model.

   ii) Anomaly "E" - Anomaly "I": 700 meters in length; possibly related to faulting-shear zones; possible fit to Banbury-vein model.

   iii) Mary-1 vein: arsenopyrite-quartz-calcite vein in Hedley sequence.

   iv) Tuf-3 hydrothermal system: arsenopyrite-quartz calcite veinlets in Whistle Creek sequence adjacent to Hedley gabbro intrusion.

2. The lithology is similar in many ways to both Banbury Gold Mines Ltd. and Mascot Gold Mines Ltd.

3. Except in the northeast part of the property, the alteration is weak. Alteration seen in the northeast part of the property is similar to that on the Banbury property, and thought to be a product of Hedley diorite intrusives.

4. The Hedley diorite intrusives on the property are limited to small dykes and sills of low intensity. It is thought that the northeast part of the property may overlie a more significant intrusion, and that the anomalous geophysics, geochem, and especially the silicification, alteration, and evidence of hydrothermal venting is reflecting this phenomenon.

5. Major faulting in the south part of the property as described may represent channel ways along which mineralizing fluids emigrated.

VIII. RECOMMENDATIONS:

The past year's exploration program has resulted in the creation of a model which explains the data that has been collected from the property. In the next stage of developing the greater understanding of the property, the model must be tested. Before this is done, however, certain refinements are necessary as follows:

1. extend the soils geochem grid north and south to completely cover Anomaly "F-G" and Anomaly "E-I" with 50 meter lines and 25 meter sample intervals. As well, the grid should be tightened up around the anomalous soils geochem result at line 6N, 7750E and around the quartz-arsenopyrite vein located at line 3N, 8450E on the Mary-1 claim. The Tuf-3 grid should be sampled. All samples should be analysed for Au, As, Zn, Pb, and Cu.

2. continue the geophysical surveys south to cover the major fault system on the Tuf-1, Omega, and Franklin 1-2 claims. A geophysical survey should be carried out over the area of silicification and alteration in the northeastern part of the property. Suggested line spacing: 50 meters; 25 meter intervals.

Upon completion of this, diamond drill targets should be established to test the established model as follows:

1. A drill hole should be targeted below the most promising surface expression of Anomaly "F-G", which is located in zone of alteration in the northeast part of the claim group to a depth of 200 m. This will determine whether the mineralization increases to depth, and may indicate the presence of a Hedley diorite intrusive.

2 A drill hole should be targeted to determine the nature and possible economic significance of the fault zone that strikes N60E and is represented by Anomaly "E-I".

IX. ITEMIZED COST STATEMENT

1. Geological Survey:

- Geologist - 23 days @ $250.00/day..... ...	$ 5,750.00
- Assistant - 23 days @ $100.00/day	$ 2,300.00
- Food and Accommodation - 23 days @ $25/day for 2 men...	$ 1,150.00
- Transportation - 23 days @ $35/day	$ 805.00
- Rock Chip samples - 16 @ $25/sample	$ 400.00
Total	$10,405.00

2. Geochemical Survey:

- 462 samples @ $25/sample inclusive	$11,550.00

3. Grid Establishment:

- 3 Line cutters - 8 days @ $100/man	$ 2,400.00
- Food and accommodation 8 days @ $75/day..	$ 600.00
- Transportation 8 days @ $35/day..	$ 280.00
Total	$ 3,280.00

4. Geophysical Survey:

- 8 days @ $960/day all inclusive for mag, VLF-EM, I.P.	$ 7,680.00

5. Report Preparation:

- Geologist - 4 days @ $250.00/day	$ 1,000.00
- Typing and office expenses	$ 250.00
Total	$ 1,250.00

TOTAL COST OF PROGRAM.....	$34,165.00

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XI. GEOLOGIST'S CERTIFICATE:

I, Michael R. Sanford, of Hedley, B.C., do hereby certify:

1. that I am a graduate of the University of British Columbia, 1978, and hold a B.Sc. degree in geology.

2. that I have been the geologist for Banbury Gold Mines Ltd. for the past 6 years.

3. that I have been active in the field of mineral exploration for the past 12 years.

4. that this report is based on data collected from May 1st, 1986 to October 31st, 1986, on the Jan-1, Mary-1, Tuf-1, Tuf-2, Tuf-3, Franklin 1 and 2, and Omega-1 claims located in the Similkameen Mining Division, B.C., for Kirby Energy Ventures Inc., of Vancouver, B.C.

5. I have no direct or indirect interest in the claims set forth in section 4., nor in Kirby Energy Ventures Inc., nor do I expect to receive any interest as a result of writing this report.

6. I hereby grant my permission for Kirby Energy Ventures Inc. to use this report for a prospectus or a statement of material facts.

Dated at Hedley, B.C., this 18th day of December, 1986.

MICHAEL R. SANFORD
GEOLOGIST

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

DATE RECEIVED: AUG 25 1986

DATE REPORT MAILED: Aug. 28/86

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-ROCKS P2-5 SOILS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

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

BANBURY GOLD MINES PROJECT-KIRBY FILE # 86-2263 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	CO PPM	MN PPM	AS PPM	SB PPM	W PPM	AU* PPB
R83583	6	762	9	335	2.7	7	2553	15	2	517	15
R83584	1	347	16	289	2.9	14	453	16460 ✓	3	2	19500 ✓
R83585	13	8	7	25	.1	1	152	16	2	1	65
R83586	16	139	4	185	.3	7	2176	11	2	1	4
R83587	13	437	9978	30883 ✓	16.5	9	854	44	7	3	180

✓ Assay required for correct result

APPENDIX A

ACME ANALYTICAL LABORATORIES LTD. 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,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 8 1986 DATE REPORT MAILED: Aug 12/86 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

BANBURY GOLD MINES PROJECT - JAN CLAIMS FILE # 86-1936 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
R-83572	3	121	21	27	2.5	6	66	387	25.87	171054✓	5	6	1	115	3	209	14	17	.20	.013	17	1	.11	22	.01	18	.38	.05	.14	1	5500
R-83573	5	72	2742	960	8.6	3	4	60	1.06	2817	5	ND	1	6	6	6	4	2	.02	.015	2	4	.01	15	.01	2	.10	.01	.09	1	270
R-83574	12	60	80	4549	1.1	31	13	1617	2.60	219	5	ND	2	21	40	2	3	10	3.53	.075	9	8	.18	27	.01	4	.38	.03	.13	1	50
R-83575	2	112	11	73	.4	12	10	2433	2.60	103	5	ND	5	42	1	2	6	16	14.15	.108	7	8	.69	9	.04	2	.59	.02	.01	2	6
R-83576	33	63	7	1039	.6	51	8	399	2.27	72	8	ND	3	271	12	2	5	280	3.67	.095	12	22	.25	162	.13	3	1.68	.18	.08	1	2
R-83577	3	164	5	62	.4	8	20	404	3.90	23	5	ND	1	40	1	2	5	121	.72	.094	2	9	1.31	176	.31	5	1.29	.10	.07	1	1
R-83578	17	211	1000	26669✓	3.9	22	15	6777	6.17	166	8	ND	6	70	194	2	8	63	13.13	.198	4	125	1.67	18	.06	4	2.02	.01	.04	1	38
R-83579	3	17	23	291	.4	7	2	1065	.74	21	5	ND	1	52	2	2	5	5	2.94	.045	3	6	.08	60	.01	2	.20	.02	.08	1	6
R-83580	11	67	131	597	1.0	15	9	2225	2.09	60	5	ND	1	37	3	2	7	7	3.64	.028	2	7	.17	30	.01	2	.31	.01	.09	1	28
R-83581	20	49	2275	16186	3.3	17	4	1093	1.63	18	5	ND	1	15	73	2	6	11	.61	.025	2	4	.21	73	.03	2	.57	.01	.17	1	29
R-83582	8	1428	23112	3242	80.7	44	22	136	6.23	360	5	ND	1	3	24	21	4	1	.01	.006	2	3	.01	11	.01	2	.04	.01	.06	1	545
STD C/AU-0.5	21	60	42	139	7.0	70	29	1162	3.87	41	21	8	34	49	18	15	21	65	.46	.111	37	61	.89	181	.09	37	1.72	.07	.13	12	515

✓ Assay required for correct result

BANBURY GOLD MINES PROJECT-KIRBY FILE # 86-2263

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	CO PPM	MN PPM	AS PPM	SB PPM	W PPM	AU* PPB
K L700N 7050E	3	114	10	235	1.3	15	1035	13	2	1	8
K L700N 7100E	5	259	25	647	2.8	42	1946	35	2	1	27
K L700N 7150E	4	97	11	274	1.0	16	1042	8	2	1	4
K L700N 7200E	2	120	9	214	2.5	19	722	7	2	1	2
K L700N 7250E	1	84	12	227	.7	16	960	11	2	1	4
K L700N 7300E	2	49	14	126	.3	10	780	12	2	1	3
K L700N 7350E	1	58	9	163	.5	14	1129	5	2	1	2
K L700N 7400E	2	59	10	254	.5	16	1742	14	2	1	3
K L700N 7450E	1	38	8	124	.2	8	738	9	2	1	1
K L700N 7500E	1	33	8	98	.2	8	705	5	2	1	1
K L700N 7550E	2	53	7	203	.3	14	1331	7	2	1	1
K L700N 7600E	2	35	13	138	.1	8	878	2	2	1	1
K L700N 7650E	2	38	11	141	.2	9	863	4	2	1	2
K L700N 7700E	1	36	11	167	.3	9	1109	5	2	1	1
K L700N 7750E	1	27	9	125	.1	7	749	5	2	1	2
K L700N 7800E	1	52	16	148	.4	11	974	8	2	1	1
K L700N 7850E	1	50	11	137	.7	10	1005	6	2	1	1
K L700N 7900E	1	36	9	109	.2	8	733	2	2	1	2
K L700N 7950E	1	42	10	104	.3	8	618	7	2	1	3
K L700N 8000E	2	58	13	152	.7	8	646	19	2	1	2
K L700N 8050E	2	39	12	128	.3	7	608	13	2	1	1
K L700N 8100E	2	65	14	206	.8	13	892	17	2	1	18
K L700N 8150E	1	35	13	143	.2	9	923	8	2	1	4
K L700N 8200E	2	34	12	154	.1	8	815	13	2	1	2
K L700N 8250E	1	41	11	170	.2	9	1127	10	2	1	1
K L700N 8300E	2	52	16	268	.3	11	1022	25	2	1	6
K L700N 8350E	2	53	9	171	.6	10	695	12	2	1	2
K L700N 8400E	2	51	9	130	.8	8	580	10	2	1	1
K L700N 8450E	7	109	21	573	1.3	20	1928	32	2	1	4
K L700N 8500E	2	59	14	321	.5	13	1101	36	2	1	3
K L700N 8550E	2	65	15	319	.7	19	1600	9	2	1	1
K L700N 8600E	2	66	14	322	.3	14	1390	12	2	1	1
K L700N 8650E	3	94	15	270	1.5	15	1120	12	2	1	4
K L700N 8700E	3	84	13	259	1.4	12	842	27	2	1	7
K L600N 7200E	2	99	91	181	.6	13	768	20	2	1	5
K L600N 7250E	2	77	13	354	.3	18	1212	6	2	1	1
STD C/AU-0.5	22	61	40	138	7.3	30	1132	41	16	13	495

BANBURY GOLD MINES PROJECT-KIRBY FILE # 86-2263

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	CO PPM	MN PPM	AS PPM	SB PPM	W PPM	AU* PPB
K L600N 7300E	1	49	8	165	.2	11	1043	8	2	1	7
K L600N 7350E	1	56	12	158	.2	10	846	7	2	1	1
K L600N 7400E	1	37	15	163	.1	9	1018	8	2	1	2
K L600N 7450E	1	53	13	184	.1	11	1131	12	2	1	3
K L600N 7500E	1	84	13	184	.3	20	1085	11	2	1	4
K L600N 7550E	1	42	10	159	.1	9	930	7	2	1	1
K L600N 7600E	1	45	14	136	.1	9	919	5	4	1	2
K L600N 7650E	1	41	10	157	.2	9	966	10	2	1	1
K L600N 7700E	1	40	14	138	.2	9	821	7	3	1	6
K L600N 7750E	1	29	12	123	.2	8	760	2	5	1	350
K L600N 7800E	1	29	12	136	.1	8	935	6	2	1	3
K L600N 7850E	1	41	12	141	.2	9	797	7	3	1	1
K L600N 7900E	1	69	10	131	.8	9	509	22	2	1	8
K L600N 7950E	2	89	16	245	1.2	13	588	12	4	1	5
K L600N 8000E	1	29	10	216	.2	7	1216	3	3	1	1
K L600N 8050E	1	23	10	152	.1	7	689	6	2	1	1
K L600N 8100E	1	23	8	150	.2	6	847	8	3	1	3
K L600N 8150E	1	25	11	170	.1	7	966	5	2	1	1
K L600N 8200E	1	42	12	208	.3	9	1275	7	2	1	1
K L600N 8250E	1	30	8	158	.2	8	957	11	4	1	1
K L600N 8300E	1	48	9	202	.2	11	1168	10	2	1	1
K L600N 8350E	1	42	7	190	.3	9	884	9	2	1	1
K L600N 8400E	1	47	13	162	.1	9	827	11	2	1	27
K L600N 8450E	1	34	11	184	.2	8	812	10	3	1	4
K L600N 8500E	1	48	11	170	.4	10	787	25	2	1	7
K L600N 8550E	1	46	8	151	.3	9	725	8	2	1	3
K L600N 8600E	2	39	10	276	.3	8	821	8	3	1	1
K L600N 8650E	2	42	10	329	.3	8	642	9	2	1	1
K L600N 8700E	6	101	11	445	1.1	18	985	27	8	1	5
K L500N 7350E	3	112	18	424	1.4	26	990	9	2	1	3
K L500N 7400E	1	60	11	208	.3	16	1124	11	10	1	4
K L500N 7450E	2	124	12	386	1.1	21	1456	15	2	1	2
K L500N 7500E	2	81	15	345	.3	12	1442	12	2	1	3
K L500N 7550E	1	35	10	156	.1	8	797	6	2	1	3
K L500N 7600E	1	35	13	156	.2	8	690	9	2	1	3
K L500N 7650E	1	43	13	128	.2	10	804	4	2	1	1
STD C/AU 0.5	21	61	39	138	7.2	29	1131	40	16	11	500

BANBURY GOLD MINES PROJECT-KIRBY FILE # 86-2263

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	CO PPM	MN PPM	AS PPM	SB PPM	W PPM	AU* PPB
K L500N 7700E	1	50	12	151	.2	10	894	8	2	2	1
K L500N 7750E	1	40	11	148	.1	9	1019	3	3	1	34
K L500N 7800E	1	34	12	139	.2	8	912	4	3	1	4
K L500N 7850E	1	56	14	120	.4	9	827	10	3	1	6
K L500N 7950E	1	70	33	327	.5	19	1138	7	2	2	3
K L500N 8000E	1	41	15	158	.3	10	1075	3	2	2	1
K L500N 8050E	1	79	13	179	.7	13	973	8	2	1	6
K L500N 8100E	1	42	10	104	.4	11	919	10	2	1	2
K L500N 8150E	1	42	11	115	.4	10	855	7	2	1	5
K L500N 8200E	1	46	14	265	.4	13	1613	33	2	2	4
K L500N 8250E	1	36	12	163	.3	8	945	4	2	1	3
K L500N 8300E	1	53	12	316	.3	10	935	14	2	1	2
K L500N 8350E	3	60	12	310	.4	12	1219	24	2	1	2
K L500N 8400E	1	58	12	306	.6	10	905	14	2	1	4
K L500N 8450E	2	65	14	409	.4	14	884	19	2	1	1
K L500N 8500E	1	31	8	84	.2	8	621	10	2	1	7
K L500N 8550E	1	33	17	96	.1	6	441	10	2	1	1
K L500N 8600E	6	120	14	612	1.0	16	925	44	4	1	4
K L500N 8650E	13	179	23	998	1.7	30	1357	45	2	1	5
K L500N 8700E	6	112	18	695	1.0	24	1652	44	2	1	5
K L400N 7600E	1	81	12	232	.6	12	967	14	2	1	4
K L400N 7650E	1	71	11	190	.6	12	673	15	2	1	4
K L400N 7700E	2	87	17	208	1.0	12	666	18	2	1	2
K L400N 7750E	1	79	15	206	.6	12	719	13	2	1	4
K L400N 7800E	6	365	23	706	2.0	52	1032	26	2	1	6
K L400N 7850E	1	82	12	186	1.6	14	450	7	2	1	2
K L400N 7900E	1	41	12	209	.1	11	1024	2	5	1	2
K L400N 7950E	1	57	29	372	.4	13	1113	12	2	1	4
K L400N 8000E	1	86	19	256	1.0	22	1741	15	2	1	2
K L400N 8050E	1	65	40	352	.8	15	1603	15	2	1	2
K L400N 8100E	1	55	16	167	.3	13	1336	26	3	1	2
K L400N 8150E	1	46	11	148	.3	11	1127	15	2	1	4
K L400N 8200E	1	43	13	172	.3	10	1130	8	4	1	1
K L400N 8250E	2	55	12	413	.4	12	1177	31	3	1	2
K L400N 8300E	1	63	16	199	.6	15	1485	16	2	2	1
K L400N 8350E	1	56	14	259	.4	15	1550	15	2	1	1
STD C/AU-0.5	19	62	43	142	7.1	30	1154	38	17	14	490

BANBURY GOLD MINES PROJECT-KIRBY FILE # 86-2263

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	CO PPM	MN PPM	AS PPM	SB PPM	W PPM	AU* PPB
K L400N 8400E	1	41	9	158	.3	8	723	12	2	1	1
K L400N 8450E	4	79	15	414	1.0	13	898	40	2	1	4
K L400N 8550E	2	42	14	248	.2	11	1162	21	5	1	1
K L400N 8600E	7	89	20	538	2.4	11	568	49	2	2	2
K L400N 8650E	8	182	24	735	1.7	26	1317	48	2	1	9
K L400N 8700E	5	98	15	529	.9	18	1689	22	4	1	2
K L300N 8100E	1	103	16	231	.8	15	988	53	2	1	11
K L300N 8150E	1	64	15	229	.6	12	970	33	2	1	3
K L300N 8200E	2	66	13	254	.6	13	1177	24	4	1	8
K L300N 8250E	3	89	10	407	1.1	22	1978	70	2	1	10
K L300N 8300E	2	121	12	323	1.6	19	1387	30	2	1	30
K L300N 8350E	6	119	17	555	1.1	25	1566	82	2	1	11
K L300N 8400E	5	84	14	651	1.0	14	974	20	2	1	4
K L300N 8450E	1	60	11	157	.7	9	571	20	2	1	11
K L300N 8500E	3	160	15	358	1.8	29	1143	24	2	1	5
K L300N 8600E	4	97	16	450	.8	17	1031	16	2	1	2
K L300N 8650E	1	47	14	299	.5	8	653	10	2	1	1
K L200N 8200E	6	132	25	608	.9	26	1689	45	5	1	3
K L200N 8250E	5	104	19	477	.8	22	1796	33	4	1	3
K L200N 8300E	3	91	12	288	1.0	17	1247	43	2	1	16
K L200N 8350E	1	54	10	207	.4	11	917	15	4	1	2
K L200N 8400E	9	105	14	663	1.7	17	958	34	3	2	8
K L200N 8450E	3	105	15	343	1.8	20	1093	29	5	1	3
K L200N 8500E	10	131	23	768	1.7	26	1777	42	3	1	5
K L200N 8550E	2	62	12	193	.4	13	887	19	2	1	2
K L200N 8600E	1	46	11	107	.6	8	483	12	2	1	3
K L200N 8650E	2	113	20	403	1.4	35	1489	29	3	1	9
STD C/AU 0.5	21	59	40	138	7.2	29	1118	38	16	12	490

ANALYTICAL LABORATORIES LTD.
85_ E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 16 1986

DATE REPORT MAILED: Sept.22/86

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80MESH. AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. DeJong. DEAN TOYE. CERTIFIED B.C. ASSAYER.

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 2600N 6650E	1	12	10	160	.1	5	1279	3	2	1	4
J 2600N 6725E	1	56	35	367	.2	11	973	32	2	1	15
J 2600N 6775E	2	166	43	510	.4	23	998	46	4	1	2
J 2600N 6825E	1	85	27	459	.7	14	1119	29	3	1	7
J 2600N 6850E	1	155	268	1156	1.0	21	2037	49	2	1	13
J 2600N 6875E	1	75	52	280	.4	14	1233	17	2	1	29
J 2600N 6900E	1	25	13	133	.1	9	869	5	2	1	5
J 2600N 6925E	2	35	13	165	.3	10	1338	7	2	1	1
J 2600N 6950E	1	36	22	129	.4	10	1022	12	4	1	2
J 2600N 6975E	1	18	15	113	.1	6	835	8	2	1	1
J 2600N 7000E	1	23	21	130	.2	8	752	9	3	1	1
J 2600N 7025E	1	22	21	143	.1	8	875	10	2	1	1
J 2600N 7050E	1	41	23	223	.3	13	1295	13	3	1	76
J 2600N 7100E	2	44	16	226	.2	10	1320	10	2	1	1
J 2600N 7125E	1	54	19	228	.2	13	1589	15	2	1	1
J 2600N 7138E	9	196	77	709	1.0	47	2598	108	5	1	6
J 2550N 6675E	1	6	10	147	.1	4	916	4	2	1	1
J 2550N 6700E	1	6	10	234	.1	4	620	2	2	1	1
J 2550N 6725E	1	7	20	339	.1	4	914	10	2	1	1
J 2550N 6750E	1	29	188	316	.8	7	666	32	2	1	16
J 2550N 6775E	1	35	66	879	.4	7	741	19	3	1	1
J 2550N 6800E	3	91	239	1381	.3	17	1404	81	3	1	8
J 2550N 6825E	3	83	441	3144	1.2	11	886	92	4	1	25
J 2550N 6850E	1	78	66	753	.2	13	1299	17	2	1	13
J 2550N 6875E	1	35	41	268	.1	9	1332	10	2	1	2
J 2550N 6900E	1	58	8	318	.2	12	2167	12	2	1	1
J 2550N 6925E	1	24	12	142	.1	7	958	6	3	1	4
J 2550N 6950E	1	21	17	123	.1	6	541	6	2	1	3
J 2550N 6975E	1	22	11	118	.3	7	697	9	3	1	1
J 2550N 7000E	1	28	23	190	.3	8	810	13	2	1	1
J 2550N 7025E	2	28	15	173	.3	8	1184	11	2	1	3
J 2550N 7050E	1	28	14	168	.3	8	903	6	4	1	1
J 2550N 7075E	1	21	25	177	.1	9	877	12	2	1	1
J 2550N 7100E	2	43	21	223	.4	11	1012	21	5	1	2
J 2550N 7125E	5	32	11	200	.2	6	743	8	2	1	1
J 2550N 7150E	2	61	18	232	.3	14	1594	14	2	1	1
STD C/AU-S	20	56	39	131	7.0	29	997	40	15	13	50

APPENDIX B

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 2500N 6650E	1	9	6	96	.1	6	1268	5	2	1	1
J 2500N 6675E	1	22	12	85	.1	7	1145	5	2	2	2
J 2500N 6700E	1	9	7	101	.1	5	1008	9	2	1	1
J 2500N 6725E	2	16	19	537	.2	6	1151	9	3	2	1
J 2500N 6750E	2	52	37	1048	.2	8	859	15	2	1	2
J 2500N 6775E	4	91	97	1798	.9	14	1704	30	2	1	52
J 2500N 6800E	1	22	45	509	.1	6	535	8	2	1	3
J 2500N 6825E	1	19	54	341	.1	6	783	7	2	1	1
J 2500N 6850E	2	37	36	189	.1	10	891	15	3	1	35
J 2500N 6875E	1	13	15	86	.1	6	409	6	2	1	3
J 2500N 6900E	1	19	36	242	.1	6	437	5	2	1	2
J 2500N 6925E	1	15	35	231	.1	5	462	4	2	1	1
J 2500N 6950E	1	16	24	218	.1	5	585	4	2	1	1
J 2500N 6975E	1	22	35	357	.2	5	699	21	2	1	10
J 2500N 7000E	2	24	53	311	.4	6	998	10	2	1	2
J 2500N 7025E	2	39	75	585	.5	8	820	13	2	1	1
J 2500N 7050E	2	30	53	349	.2	8	938	12	2	1	1
J 2500N 7075E	1	34	86	422	.4	8	825	13	2	1	3
J 2500N 7100E	2	57	51	353	.7	15	1379	25	2	1	4
J 2500N 7125E	1	27	55	379	.2	7	1076	14	2	1	2
J 2500N 7150E	3	65	16	258	.4	13	1190	15	2	1	1
J 2450N 6650E	1	30	16	123	.1	10	1472	6	2	1	1
J 2450N 6675E	1	36	30	164	.2	11	975	10	2	1	1
J 2450N 6700E	4	76	35	754	.4	14	1535	25	2	1	4
J 2450N 6725E	2	59	48	617	.3	10	968	27	2	1	1
J 2450N 6750E	2	43	62	1833	.1	8	1167	26	2	1	1
J 2450N 6775E	9	252	201	4054	.8	26	2552	101	2	2	75
J 2450N 6825E	1	18	16	270	.1	4	1275	4	2	1	1
J 2450N 6850E	1	19	28	316	.1	6	1086	9	2	1	1
J 2450N 6875E	1	25	36	410	.1	6	674	7	2	1	1
J 2450N 6900E	1	17	22	242	.1	6	648	6	2	1	2
J 2450N 6925E	1	16	27	246	.1	5	642	6	2	1	1
J 2450N 6950E	1	28	33	332	.2	7	775	7	2	1	1
J 2450N 6975E	1	26	44	425	.2	6	760	9	2	1	1
J 2450N 7000E	1	32	61	535	.2	7	735	18	2	1	2
J 2450N 7025E	1	33	53	510	.2	7	757	10	2	1	1
STD C/AU-S	21	58	40	132	6.9	28	1005	41	15	14	51

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 2450N 7050E	1	27	44	450	.2	7	714	10	2	1	1
J 2450N 7075E	1	37	54	541	.3	8	606	12	3	1	1
J 2450N 7100E	1	34	60	478	.3	8	735	12	2	1	2
J 2450N 7125E	1	28	40	376	.1	7	909	10	2	1	1
J 2450N 7150E	1	24	31	347	.2	7	670	6	3	1	1
J 2400N 6650E	1	29	10	117	.1	7	564	2	2	1	1
J 2400N 6675E	1	26	20	254	.2	6	836	7	2	1	1
J 2400N 6700E	1	140	23	318	.3	17	1032	18	2	1	2
J 2400N 6725E	2	32	20	1367	.1	7	1072	6	2	1	1
J 2400N 6750E	1	83	16	1187	.8	14	1001	21	2	1	4
J 2400N 6775E	1	15	20	473	.2	6	649	7	2	1	1
J 2400N 6800E	1	23	20	447	.3	6	647	18	2	1	2
J 2400N 6825E	1	14	7	248	.1	6	706	8	2	1	1
J 2400N 6850E	1	11	13	191	.1	5	684	6	2	1	1
J 2400N 6875E	1	15	9	151	.1	6	677	5	3	1	1
J 2400N 6900E	1	22	18	183	.1	7	660	7	3	1	1
J 2400N 6925E	1	25	17	239	.2	6	603	7	2	1	1
J 2400N 6950E	1	26	15	237	.2	7	717	9	2	1	2
J 2400N 6975E	1	30	22	272	.2	6	465	9	2	1	1
J 2400N 7000E	1	24	21	326	.2	7	816	6	2	1	1
J 2400N 7025E	1	53	7	811	.5	10	1167	17	2	1	12
J 2400N 7050E	1	26	17	160	.3	7	515	7	2	1	1
J 2400N 7075E	1	53	33	266	.6	11	867	14	2	1	13
J 2400N 7100E	1	27	12	211	.3	8	821	6	2	1	1
J 2400N 7125E	1	31	11	190	.2	7	584	6	2	1	4
J 2400N 7150E	1	21	15	200	.1	6	695	6	2	1	1
J 2350N 6675E	1	70	9	102	.1	17	981	8	3	1	1
J 2350N 6700E	1	22	12	135	.1	8	398	4	2	1	1
J 2350N 6725E	2	84	16	324	.3	17	1344	11	2	1	1
J 2350N 6750E	1	33	11	271	.3	8	1002	9	2	1	1
J 2350N 6775E	2	40	26	1153	.5	7	926	15	2	2	1
J 2350N 6800E	8	98	61	1438	1.3	17	5835	58	2	2	36
J 2350N 6825E	1	16	9	84	.1	6	523	2	2	1	1
J 2350N 6850E	1	14	5	112	.1	6	604	5	2	1	1
J 2350N 6875E	1	21	12	180	.1	6	692	4	2	1	1
J 2350N 6900E	1	34	14	213	.2	10	1191	7	2	1	2
STD C/AU-S	21	58	40	133	6.9	30	1018	39	18	15	48

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 2350N 6925E	1	24	18	214	.2	8	814	5	2	1	1
J 2350N 6950E	1	52	20	184	.5	10	1428	12	2	1	1
J 2350N 6975E	2	96	47	311	1.0	17	1284	19	2	1	29
J 2350N 7000E	1	29	18	215	.3	8	617	10	2	1	1
J 2350N 7025E	1	29	45	346	.2	8	828	9	2	1	1
J 2350N 7050E	1	69	48	339	.4	13	1059	25	2	1	1
J 2350N 7075E	1	27	32	320	.1	8	634	9	2	1	1
J 2350N 7100E	1	27	16	191	.1	7	527	6	2	1	2
J 2350N 7125E	1	32	12	190	.3	8	880	7	2	1	1
J 2350N 7150E	1	24	14	194	.2	7	643	7	3	1	2
J 2300N 6650E	1	54	17	130	.1	14	817	5	2	1	1
J 2300N 6675E	1	33	9	128	.2	11	916	8	2	1	1
J 2300N 6700E	1	8	10	125	.1	6	389	5	2	1	1
J 2300N 6725E	1	19	12	211	.2	6	746	5	2	1	1
J 2300N 6750E	1	35	12	258	.5	9	807	12	3	1	1
J 2300N 6775E	3	24	21	275	.1	12	2097	9	2	1	1
J 2300N 6800E	2	30	22	308	.1	10	1831	18	2	1	3
J 2300N 6825E	1	26	32	391	.2	7	486	9	2	1	1
J 2300N 6850E	1	19	22	206	.2	7	730	5	2	1	4
J 2300N 6875E	1	19	9	121	.1	7	601	7	2	1	4
J 2300N 6900E	1	42	22	331	.3	9	1161	11	2	1	1
J 2300N 6925E	1	45	20	189	.4	9	928	12	2	1	2
J 2300N 6950E	1	24	8	137	.1	7	554	9	2	1	7
J 2300N 6975E	1	23	9	134	.2	7	552	8	2	1	1
J 2300N 7000E	1	45	12	195	.3	11	1532	8	2	1	1
J 2300N 7025E	1	47	16	183	.4	11	1899	12	2	1	2
J 2300N 7050E	1	32	15	165	.3	8	969	9	2	1	2
J 2300N 7075E	1	32	140	511	.3	9	859	13	2	1	1
J 2300N 7100E	1	31	28	302	.2	8	839	7	2	1	4
J 2300N 7125E	1	23	12	150	.1	6	502	7	2	1	1
J 2300N 7150E	1	22	14	151	.2	6	657	6	2	1	1
J 2250N 6675E	1	19	11	140	.1	8	1064	10	3	1	1
J 2250N 6700E	1	22	11	181	.1	8	1126	6	2	1	1
J 2250N 6725E	1	14	13	138	.1	7	783	5	2	1	3
J 2250N 6750E	1	53	13	139	.1	14	1159	8	2	1	6
J 2250N 6775E	1	12	11	173	.1	5	654	7	2	1	3
STD C/AU-S	21	57	41	130	6.9	30	997	40	16	13	52

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 2250N 6800E	1	11	17	153	.1	5	551	2	2	1	1
J 2250N 6825E	1	14	25	231	.2	6	511	4	2	1	1
J 2250N 6850E	1	13	7	123	.1	5	616	3	2	1	1
J 2250N 6875E	1	59	13	247	.4	13	1080	7	2	1	2
J 2250N 6900E	1	59	33	393	.3	12	1174	9	2	1	1
J 2250N 6925E	1	34	18	194	.2	8	715	7	2	1	2
J 2250N 6950E	1	40	17	191	.4	10	808	9	2	1	9
J 2250N 6975E	1	31	12	156	.2	9	983	7	3	1	1
J 2250N 7000E	2	70	17	235	1.1	13	1662	12	2	1	11
J 2250N 7025E	1	30	15	137	.3	8	966	8	2	1	4
J 2250N 7050E	1	36	17	169	.3	9	922	5	2	1	6
J 2250N 7075E	1	37	16	159	.3	9	761	8	2	1	5
J 2250N 7100E	1	36	28	225	.2	9	722	9	2	1	4
J 2250N 7125E	1	27	13	151	.2	7	601	8	2	1	6
J 2250N 7150E	1	22	17	129	.1	6	589	5	2	1	2
J 2200N 6650E	1	14	8	96	.2	6	634	6	2	1	3
J 2200N 6675E	1	17	11	79	.1	7	392	5	2	1	2
J 2200N 6700E	1	24	13	107	.1	8	610	4	2	1	2
J 2200N 6725E	1	36	14	87	.2	10	754	2	2	1	4
J 2200N 6750E	1	60	8	114	.2	15	844	9	2	1	6
J 2200N 6775E	1	17	6	144	.1	8	713	4	2	1	3
J 2200N 6800E	1	16	11	154	.2	7	860	8	2	1	3
J 2200N 6825E	1	19	14	151	.2	8	782	5	2	1	4
J 2200N 6850E	1	19	11	114	.1	7	512	3	2	1	1
J 2200N 6875E	1	16	11	198	.1	6	815	4	2	2	3
J 2200N 6900E	1	16	13	156	.1	6	545	5	2	1	3
J 2200N 6925E	1	17	9	133	.2	7	907	6	3	1	4
J 2200N 6950E	1	27	12	142	.1	8	1031	6	2	1	3
J 2200N 6975E	1	22	5	106	.1	7	735	6	2	1	5
J 2200N 7000E	1	18	13	97	.1	7	636	4	2	1	2
J 2200N 7025E	1	19	11	95	.1	7	563	8	2	1	3
J 2200N 7050E	1	16	10	95	.2	7	642	6	2	1	2
J 2200N 7075E	1	16	11	100	.1	7	585	5	2	1	2
J 2200N 7100E	1	31	7	164	.3	9	936	7	2	1	4
J 2200N 7125E	1	17	19	187	.2	6	865	8	3	1	2
J 2200N 7150E	2	19	14	183	.2	6	889	6	2	1	2
STD C/AU-S	21	56	42	134	6.9	30	1023	43	15	12	48

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au† PPB
J 2150N 6650E	1	47	18	97	.3	13	706	7	2	1	3
J 2150N 6675E	1	22	10	90	.2	8	773	4	2	1	2
J 2150N 6700E	1	14	10	92	.2	7	879	3	2	1	1
J 2150N 6725E	1	83	21	307	.4	17	1555	6	2	1	1
J 2150N 6750E (1)	1	23	7	66	.2	9	439	2	2	1	1
J 2150N 6750E (2)	1	23	12	74	.1	8	611	4	2	1	1
J 2150N 6775E	1	10	7	48	.1	6	481	2	2	1	5
J 2150N 6800E	1	11	7	87	.1	7	829	2	2	1	4
J 2150N 6825E	1	11	9	58	.1	6	373	3	2	1	2
J 2150N 6850E	1	11	5	72	.1	6	822	2	2	1	1
J 2150N 6875E	1	13	8	50	.1	6	497	3	2	1	3
J 2150N 6900E	1	14	6	81	.3	5	318	3	2	1	1
J 2150N 6925E	1	20	7	104	.1	6	429	2	2	1	1
J 2150N 6950E	1	14	8	131	.2	5	744	4	2	1	2
J 2150N 6975E	1	9	8	75	.4	5	392	2	2	1	8
J 2150N 7000E	1	16	10	72	.2	8	664	2	2	1	1
J 2150N 7025E	1	17	16	66	.1	7	604	2	2	1	2
J 2150N 7050E	1	18	11	82	.3	7	573	8	2	1	1
J 2150N 7075E	1	16	12	93	.1	6	706	3	2	1	1
J 2150N 7100E	1	172	12	181	1.5	18	784	8	2	1	16
J 2100N 6650E	1	33	9	97	.2	9	613	5	2	1	8
J 2100N 6675E	22	250	24	196	.4	35	1084	192	2	1	25
J 2100N 6700E	1	31	12	78	.2	9	612	7	2	1	11
J 2100N 6725E	1	72	8	105	.2	13	795	7	2	1	4
J 2100N 6750E	1	20	7	44	.2	8	449	5	2	1	3
J 2100N 6775E	1	10	6	33	.1	6	316	3	2	1	2
J 2100N 6800E	1	13	6	33	.1	6	336	3	2	1	1
J 2100N 6825E	1	15	12	79	.2	7	639	2	2	1	3
J 2100N 6850E	1	14	7	72	.1	6	623	2	2	1	7
J 2100N 6875E	1	15	5	52	.1	7	564	5	2	1	2
J 2100N 6900E	1	11	7	64	.2	6	433	2	2	1	1
J 2100N 6925E	1	6	2	53	.2	6	349	5	2	1	3
J 2100N 6950E	1	8	2	46	.1	5	383	2	2	1	2
J 2100N 6975E	1	8	8	63	.3	5	496	5	2	1	1
J 2100N 7000E	1	8	10	39	.2	4	168	4	2	1	1
J 2100N 7025E	1	5	7	35	.1	5	210	2	2	1	1
STD C/AU-S	20	57	38	129	7.2	28	987	39	15	12	50

APPENDIX B

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 2100N 7050E	1	6	5	31	.1	4	356	4	2	1	2
J 2100N 7075E	1	13	4	69	.1	5	207	2	2	1	3
J 2100N 7100E	1	11	8	98	.1	4	247	5	2	1	1
J 2100N 7125E	1	43	11	216	.1	7	589	8	2	12	5
J 2050N 6650E	1	40	9	75	.1	11	662	5	2	1	14
J 2050N 6675E	1	32	8	71	.1	9	552	6	2	1	2
J 2050N 6700E	1	75	20	206	.2	13	963	19	2	1	4
J 2050N 6725E	1	25	14	65	.1	8	590	5	2	1	3
J 2050N 6750E	1	21	7	43	.1	6	360	5	2	1	3
J 2050N 6775E	1	25	6	45	.1	7	411	5	2	1	3
J 2050N 6800E	1	19	8	68	.1	9	698	5	2	1	2
J 2050N 6825E	1	18	8	62	.1	8	571	2	2	1	1
J 2050N 6850E	1	20	4	52	.1	7	486	3	2	1	1
J 2050N 6875E	1	14	4	56	.1	6	466	2	2	1	2
J 2050N 6900E	1	11	8	71	.1	5	714	2	2	1	1
J 2050N 6925E	1	9	9	77	.2	5	606	4	3	1	2
J 2050N 6950E	1	6	5	46	.1	4	362	3	2	1	1
J 2050N 6975E	1	6	7	56	.1	5	750	3	2	1	1
J 2050N 7000E	1	8	8	41	.1	4	466	4	2	1	1
J 2050N 7025E	1	8	7	68	.1	4	436	3	3	1	1
J 2050N 7050E	1	9	7	79	.1	4	439	3	2	1	1
J 2050N 7075E	1	6	3	34	.1	4	212	3	2	1	1
J 2050N 7100E	1	8	4	38	.1	4	180	2	2	1	2
J 2050N 7125E	1	10	8	55	.2	5	174	3	2	1	3
J 2000N 6650E	1	26	14	94	.1	8	896	2	2	1	3
J 2000N 6675E	1	36	10	128	.1	9	932	6	2	1	4
J 2000N 6700E	1	31	4	89	.1	9	735	6	2	1	4
J 2000N 6725E	1	25	7	51	.1	6	393	6	2	1	3
J 2000N 6750E	1	16	5	34	.2	6	306	9	2	1	1
J 2000N 6775E	1	21	11	64	.1	7	568	3	2	1	1
J 2000N 6800E	1	14	6	43	.2	6	531	5	2	1	2
J 2000N 6825E	6	14	6	64	.1	7	570	7	2	1	4
J 2000N 6850E	1	11	8	58	.1	6	768	5	2	1	1
J 2000N 6875E	1	9	3	75	.1	5	813	2	2	1	4
J 2000N 6900E	1	7	5	60	.2	4	626	4	2	1	1
J 2000N 6925E	1	9	7	49	.1	6	561	4	2	1	1
STD C/AU-S	20	58	39	133	7.1	29	1007	41	18	15	50

APPENDIX B

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 2000N 6950E	1	11	7	53	.1	6	446	4	3	1	1
J 2000N 6975E	1	11	8	73	.1	5	735	4	2	1	1
J 2000N 7000E	1	8	11	44	.1	5	491	3	3	1	22
J 2000N 7025E	1	8	5	41	.1	5	534	3	2	1	1
J 2000N 7050E	1	8	9	59	.1	4	479	2	2	1	2
J 2000N 7075E	1	12	6	78	.1	5	378	2	2	1	1
J 2000N 7100E	1	10	4	55	.1	5	275	5	2	1	1
J 2000N 7125E	1	20	10	157	.3	8	749	9	3	1	2
J 1950N 6650E	1	15	8	67	.1	8	555	3	2	1	1
J 1950N 6675E	1	25	9	69	.1	8	669	6	2	1	1
J 1950N 6700E	1	35	9	82	.1	9	616	4	2	1	4
J 1950N 6725E	1	21	8	45	.1	7	405	5	2	1	1
J 1950N 6750E	1	22	6	33	.2	6	289	5	2	1	1
J 1950N 6775E	1	16	3	70	.1	6	540	4	3	1	1
J 1950N 6800E	1	14	7	58	.1	5	351	3	2	1	1
J 1950N 6825E	1	11	7	78	.1	6	641	4	3	1	1
J 1950N 6850E	1	12	9	72	.1	6	881	5	2	1	1
J 1950N 6875E	1	11	4	85	.1	5	680	2	2	1	2
J 1950N 6900E	1	22	7	168	.1	9	1175	5	2	1	6
J 1950N 6925E	1	17	10	78	.1	7	509	7	2	1	1
J 1950N 6950E	1	18	13	81	.1	8	672	6	2	1	1
J 1950N 6975E	1	17	6	82	.1	8	707	8	2	1	2
J 1950N 7000E	1	17	5	79	.1	6	419	9	2	1	1
J 1950N 7025E	1	16	19	89	.1	7	724	7	2	1	2
J 1950N 7050E	1	16	8	82	.1	6	551	6	2	1	5
J 1950N 7075E	1	17	7	96	.1	7	556	3	2	1	2
J 1950N 7100E	1	22	11	131	.1	8	579	15	2	1	7
J 1950N 7125E	2	36	15	292	.1	8	1228	12	2	1	1
J 1900N 6650E	1	97	6	86	.3	19	896	11	2	1	6
J 1900N 6675E	1	106	17	167	.6	17	792	18	2	1	15
J 1900N 6700E	1	19	8	45	.1	8	576	3	2	1	1
J 1900N 6725E	1	22	9	46	.1	7	394	4	2	2	2
J 1900N 6750E	1	17	5	69	.1	6	592	4	2	1	1
J 1900N 6775E	1	12	4	39	.1	5	463	2	2	1	1
J 1900N 6800E	1	12	5	74	.1	5	511	3	2	1	1
J 1900N 6825E	1	22	10	74	.1	8	368	7	2	1	2
STD C/AU-S	21	57	39	133	6.8	31	1011	37	17	13	52

APPENDIX B

BANBURY GOLD MINES FILE # 86-2677

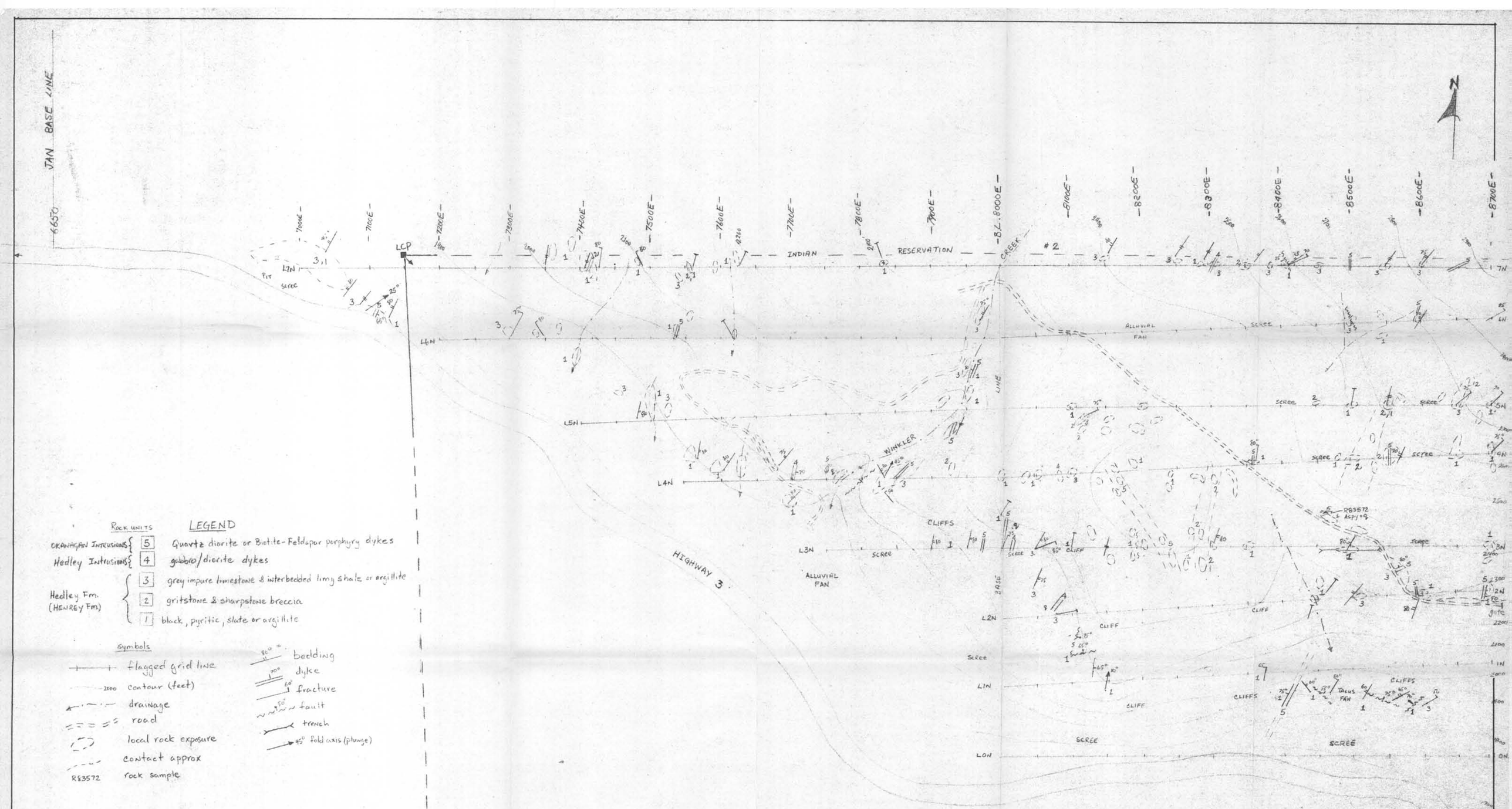
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 1900N 6850E	2	31	21	227	.1	9	1167	14	2	1	40
J 1900N 6875E	2	33	13	171	.1	10	822	11	2	1	2
J 1900N 6900E	1	32	17	119	.1	10	515	13	2	1	1
J 1900N 6925E	3	31	11	112	.2	10	607	8	2	1	1
J 1900N 6950E	2	46	19	138	.1	12	918	11	2	1	1
J 1900N 6975E	2	65	13	176	.3	14	1298	19	2	1	3
J 1900N 7000E	2	29	16	124	.1	9	1018	12	2	1	1
J 1900N 7025E	2	43	7	190	.4	11	1202	16	2	1	1
J 1900N 7050E	1	31	16	100	.1	10	722	13	2	1	1
J 1850N 6650E	1	20	8	94	.1	8	432	5	2	1	1
J 1850N 6675E	1	28	7	91	.1	8	629	6	2	1	39
J 1850N 6700E	1	25	4	49	.1	8	436	9	2	1	1
J 1850N 6725E	1	19	6	53	.1	8	528	8	2	1	2
J 1850N 6750E	1	17	3	42	.1	7	508	7	2	1	1
J 1850N 6775E	1	18	7	79	.1	7	711	5	2	1	1
J 1850N 6800E	1	38	19	102	.3	11	962	7	2	1	4
J 1850N 6825E	1	21	4	61	.1	7	504	5	2	1	1
J 1850N 6850E	3	76	35	273	.4	13	1144	30	2	1	3
J 1850N 6875E	9	48	23	210	.1	11	792	17	2	1	13
J 1850N 6900E	9	99	71	525	.4	21	1950	35	2	1	1
J 1850N 6925E	2	63	24	167	.4	13	914	25	2	1	2
J 1850N 6950E	4	150	23	260	1.2	25	1773	37	2	1	28
J 1850N 6975E	2	113	19	182	.5	20	1078	38	2	1	11
J 1850N 7000E	3	204	24	276	1.3	34	1008	34	4	1	15
J 1850N 7025E	4	204	27	499	1.6	44	1410	49	5	1	13
J 1800N 6650E	1	54	5	108	.1	12	887	9	2	1	3
J 1800N 6675E	1	36	5	88	.1	9	666	5	2	1	2
J 1800N 6700E	1	36	21	168	.3	11	736	10	3	1	3
J 1800N 6725E	1	45	9	139	.1	13	1127	16	2	1	6
J 1800N 6750E	1	23	10	80	.1	9	801	5	2	1	4
J 1800N 6775E	1	25	7	106	.1	9	992	8	3	1	2
J 1800N 6800E	1	30	16	118	.1	9	846	10	2	1	8
J 1800N 6825E	2	55	12	130	.3	12	961	16	2	1	1
J 1800N 6875E	8	146	1260	1766	2.4	16	1475	25	4	1	1
J 1800N 6900E	3	116	45	294	.6	20	1339	26	2	1	22
J 1800N 6925E	2	128	19	221	.9	19	1083	24	2	1	6
STD C/AU-S	22	59	39	137	7.0	31	1050	43	15	12	54

APPENDIX B

BANBURY GOLD MINES FILE # 86-2677

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	Mn PPM	As PPM	Sb PPM	W PPM	Au* PPB
J 1800N 6950E	1	194	78	415	1.6	24	1454	26	2	1	20
J 1800N 6975E	1	150	24	264	1.0	20	549	26	2	1	1
J 1800N 7000E	3	95	8	178	1.2	15	496	26	2	1	6


CHUCHUWAYHA INDIAN RESERVATION NO 2
ALLUVIAL FAN
JAN CLAIM (APPROX) LCP
LEGEND
8 fine grained hornblende diorite dykes
7 Biotite-Feldspar porphyry dykes
OKANAGAN INTRUSIONS
6 hornblende-biotite quartz-diorite medium-grained
BROMLEY BATHOLITH
5 massive crystal-lithic tuff
4 thin-bedded ash tuffs
WHISTLE CREEK SEQUENCE
3 Limestone Breccia
2 INTERBEDDED impure limestone & argillite
1 thin-bedded siliceous tuffs & limestone
STEMWINDER MOUNTAIN
Symbols
flagged grid
contour (feet above sea level)
drainage
road
outcrop (rock unit)
hand-dug trench/open cut
adit
shaft/pit
bedding plane
fracture/joint
shear/fault
foliation
contact (approx)
R83573 rock sample
float, talus
fold axis plunge
dyke
Abbreviations
Po - Pyrrhotite
Py - pyrite
Gal - galena
Aspy - arsenopyrite
Lst - limestone
q - quartz vein
Bx - Breccia
0 50 100
meters
MAP I·A
GEOLOGICAL SURVEY GRID
JAN CLAIMS
KIRBY ENERGY VENTURES INC
NTS 92H/8E HEDLEY B.C
SURVEYED BY: P. Peto
7 August 1986
DRAWN BY P. Peto
Scale: 1:2500
GEOLOGICAL BRANCH ASSESSMENT REPORT
15,864



ROCK UNITS — LEGEND

OKANAGAN INTRUSIONS	5	Quartz diorite or Biotite-Feldspar porphyry dykes
Hedley Intrusions	4	gabbro/diorite dykes
Hedley Fm. (HENREY Fm.)	3	grey impure limestone & interbedded limy shale or argillite
	2	gritstone & sharpstone breccia
	1	black, pyritic, slate or argillite

Symbols

- flagged grid line
- 2000 contour (feet)
- drainage
- road
- local rock exposure
- contact approx
- R83572 rock sample
- bedding
- dyke
- fracture
- fault
- trench
- 45° fold axis (plunge)

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MAP 1B

GEOLOGICAL SURVERY GRID

MARY #1 CLAIM

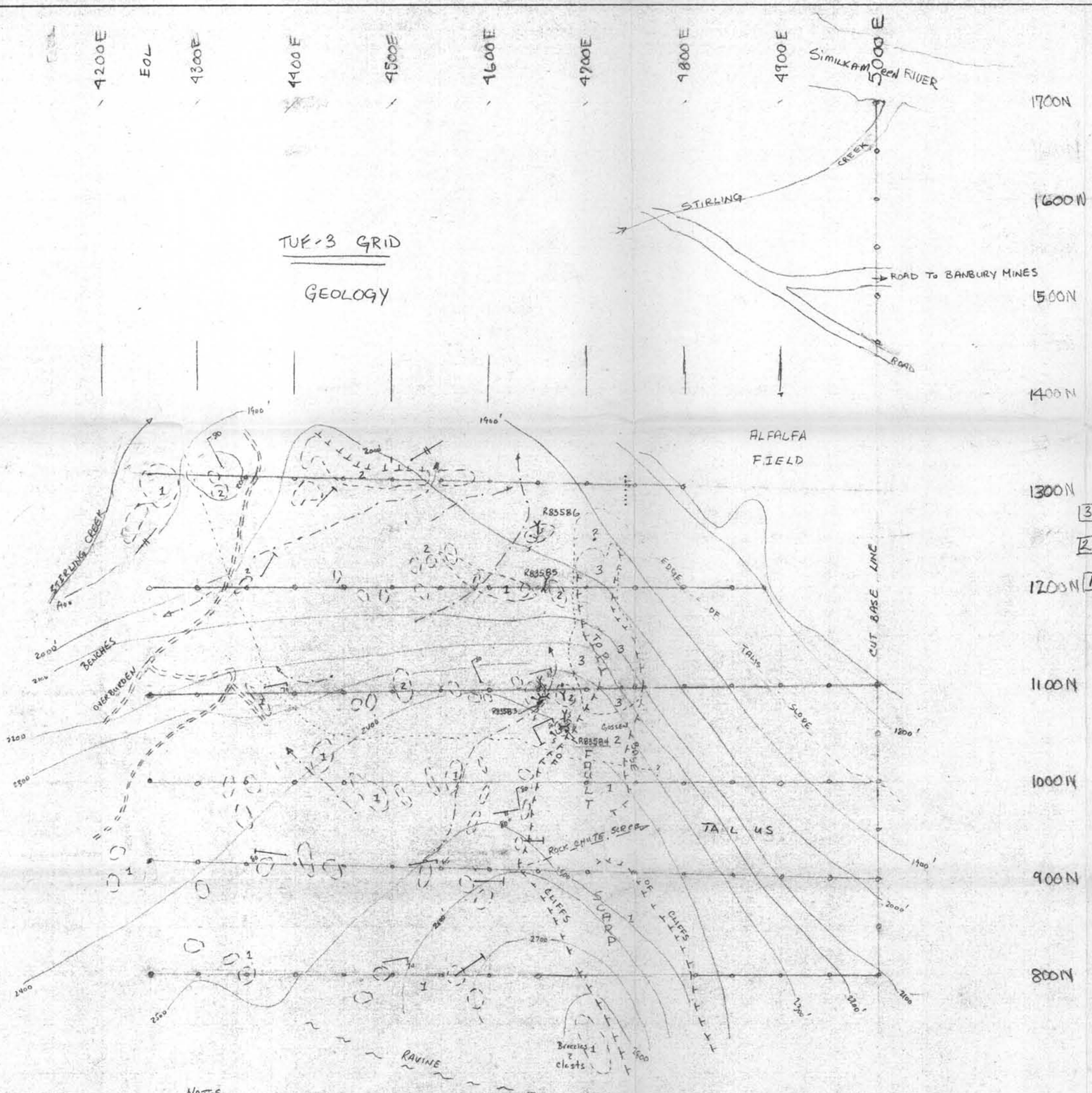
KIRBY ENERGY VENTURES INC.

SCALE 1:2500 (0 50 100 METERS)

SURVEYED BY: P. Pato, R. Pitman | DATE: 6 August 1986

TUF-3 GRID

GEOLOGY



NOTES

Bedding rare in massive Whistle creek tuff but tends to b N80°E - vertical, grain size increases to south
Intrusive diorite dyke trends { N10W - 65E / N20W - 70E } is probably not more than 30-50 metres wide, obscured by talus & overburden to S & N respectively. Qz veining & shearing is associated with hanging wall of dyke as follows:

R83583: 0.5 m chip along shear trending N60E-50W ± py+cp+lim+clay+qz in Unit 2
R83584: 6" chip across shear trending N40E-35SW ± arsenopyrite seam in Unit 2 above adit
R83585: grab-barren qtz vein from contact ± diorite sill N20W-65E in Unit 2
R83586: 0.5m chip face of adit in clay-qtz gouge trending N60W 30SW in Unit 2.

11 August 1986 Pete Peto

LEGEND

ROCK UNITS

[3] medium grained, Hedley Diorite/gabbro dyke
[2] beige to tan, fine grained, rusty felsic ash tuff
[1] dark med. to green fine gr. massive xtal-lithic andesite tuffs

- adit
- open cut
- ⊥⊥⊥ escarpment
- outcrop (approx)
- drainage
- cat road
- bedding
- fracture/joint
- shear/fault

R83586 : rock sample for assay
— o — o — flagged line
2000 contour in feet

50m
1:2500 scale

N

23° Mag

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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MAP I - C: GEOLOGY - TUF-3 CLAIM

1:2500

0m 50m 100m 150m

BASE LINE 6650E

6700E

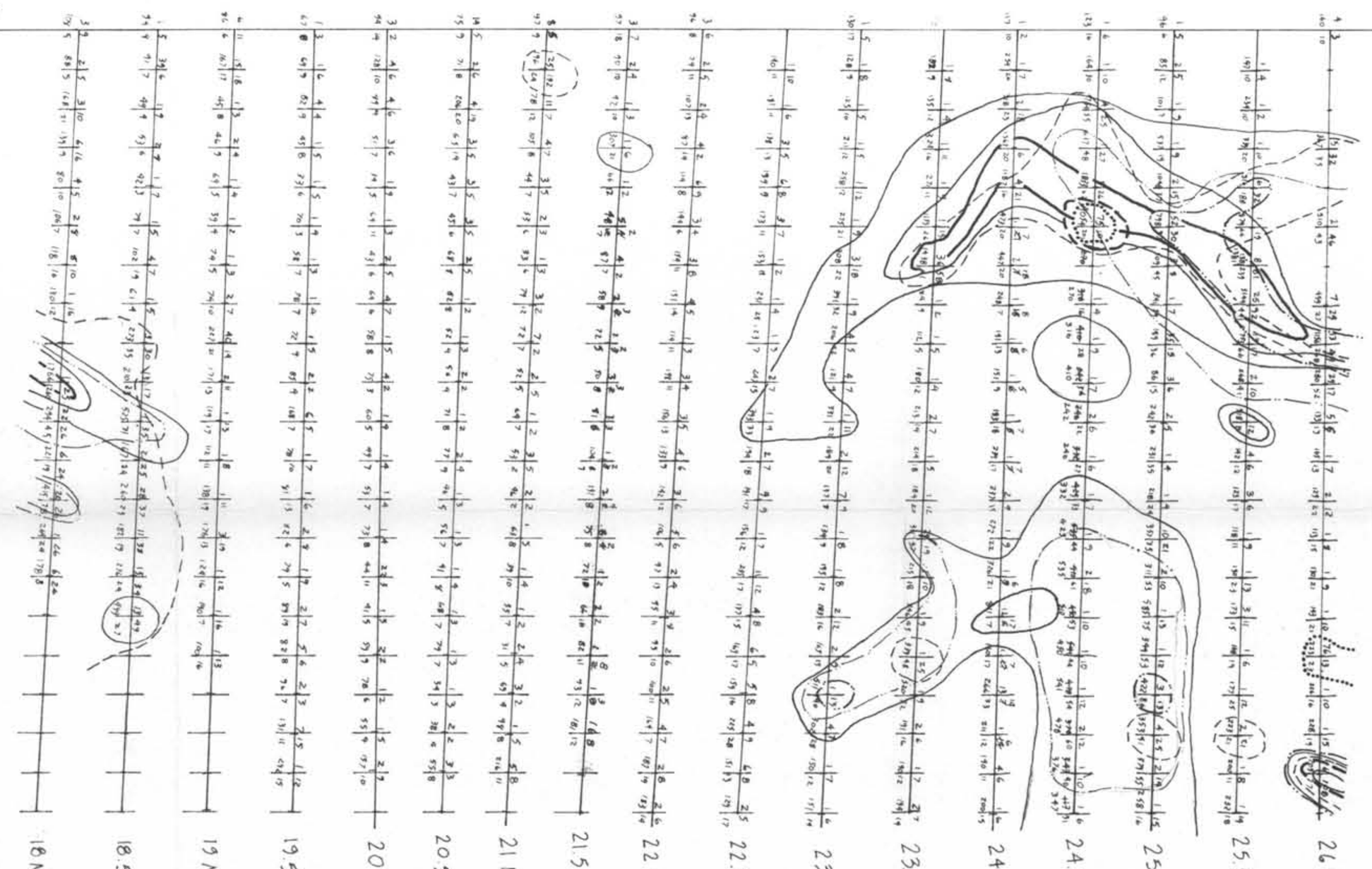
6800E

6900E

1000E

7100E

7150E



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MAP II : GEOCHEM

0 50m 100m 150m

THRESHOLD CONTOURS

Au : ..... > 10 ppb

As : - - - - - > 60 ppm

- - - - - > 30 ppm

Zn : —— > 1200 ppm

—— > 600 ppm

—— > 300 ppm

Pb : —·—·— > 80 ppm

—·—·— > 40 ppm

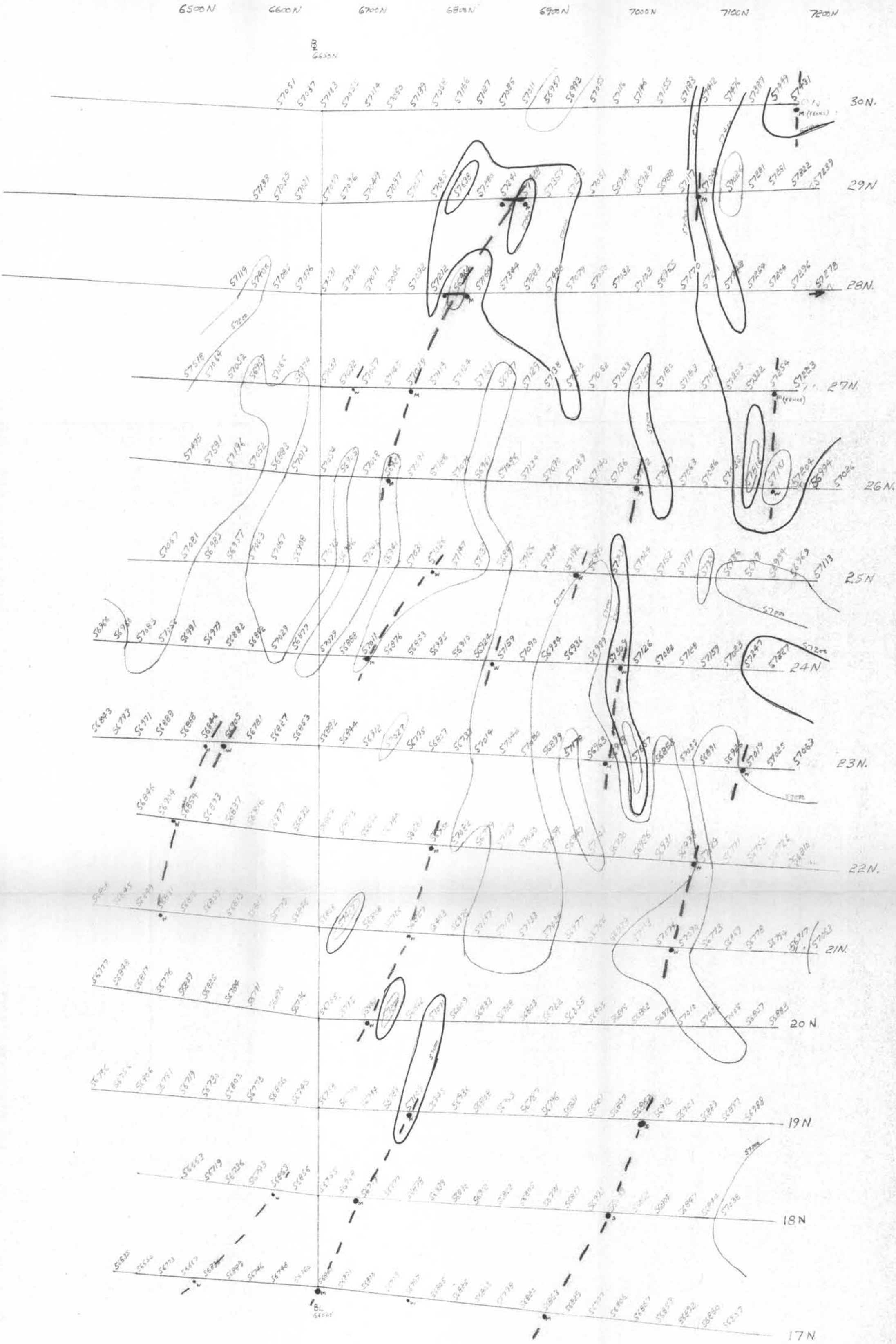
Au ppb
As ppm
Zn ppm
Pb ppm

N

1:2500

Au, As, Zn, Pb soils geochem

JAN CLAIM GROUP


6500N
6600N
6700N
6800N
6900N
7000N
7100N
7200N
30N.
29N
28N.
27N.
26N.
25N
24N.
23N.
22N.
21N.
20 N.
19N
18N
17N
GEOLOGICAL BRANCH
ASSESSMENT REPORT
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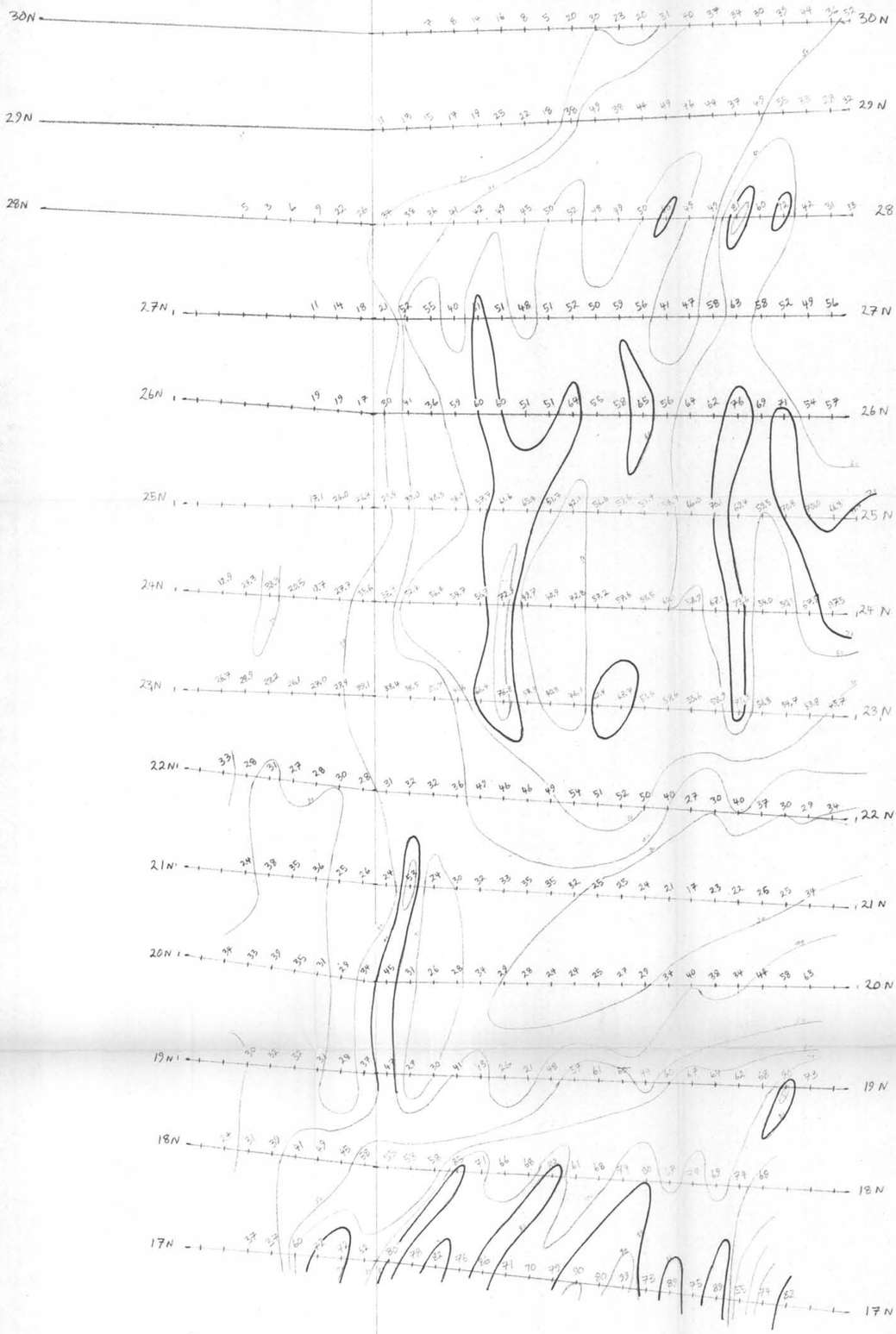
MAP III: MAG-VLF
BANBURY - JAN PROPERTY
MAG PLAN WITH VLF CONDUCTOR AXIS IN ORANGE
1:2500
0m 50m 100m 150m
CONTOUR INTERVAL : 200 nT



JAN CLAIM I.P. SURVEY
SECOND SLICE CHARGEABILITY
AB = 175m ; MN = 25m

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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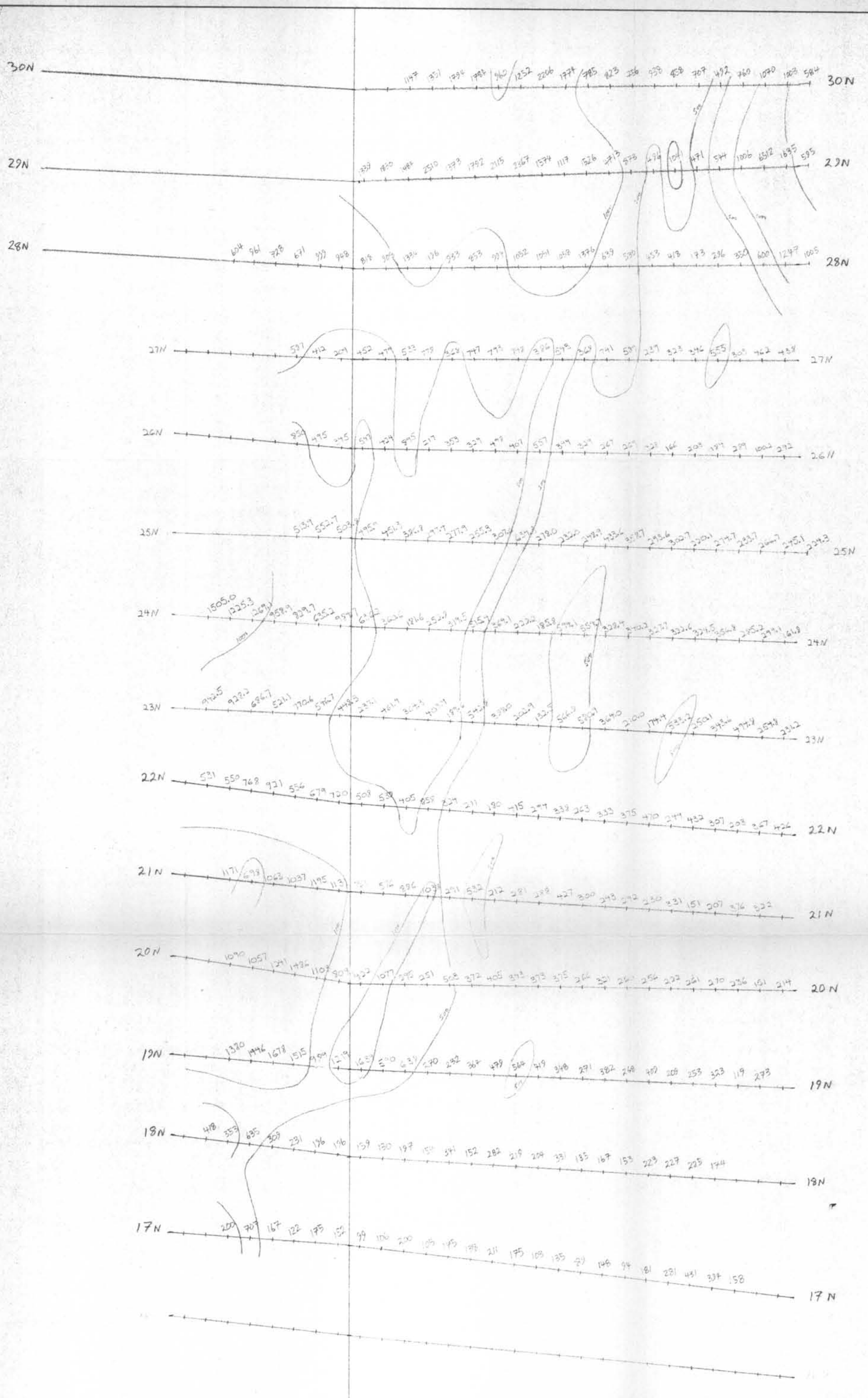
I.P. SURVEY
MAP IV: CHARGEABILITY

DELTA GEOSCIENCE LTD.
BANBURY — JAN PROPERTY
CHARGEABILITY
1:2500
0m 50m 100m 150m

SECOND SLICE CHARGEABILITY
AB = 175m ; MN = 25m



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,864

MAP V: RESISTIVITY

BANBURY - JAN PROPERTY
RESISTIVITY
1:2500
PRELIMINARY COPY

0m 50m 100m 150m

AB = 175m
MN = 25m