

85-221-14702

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

ON THE

SAN JUAN PROPERTY

OF

03/86

TRI-WEST RESOURCES LTD.

LINDA, DEBBIE, TERI, COUGAR AND WOLF CLAIMS

VICTORIA MINING DIVISION

NTS. 92B12/W - C9/E

LATITUDE 48° 37'N LONGITUDE 124° 00'W

BY

FILMED

GREGORY G. CROWE, M.SC., P. GEOL.

AND

MICHAEL M. MAGRUM, P. ENG.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

January, 1985
Vancouver, British Columbia

14,702

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SUMMARY

Two potentially economic types of gold mineralization have been identified on or adjacent to the San Juan property of Tri-West Resources Ltd.

The most significant showings comprise quartz - stibnite veins developed within a northeast trending zone of carbonitized volcanics (up to 30 m wide). Recent sampling of the veins and altered wallrock has returned values of 0.125 oz/t Au and 0.015 oz/t Au respectively. Underground sampling by Stevenson (1944) yielded up to 0.60 oz/t Au. These old workings however, are no longer accessible.

Similar east - west trending mineralized zones to the east of the property have returned assays of 0.804 oz/t Au and 0.442 oz/t Au. Geochemistry and geophysics indicate that these zones may extend westward on to the Linda claim group of Tri-West Resources Ltd.

Silicified and pyritized volcanics and volcanoclastics crop out to the north of the quartz - stibnite veins, on the Cougar and Debbie claim groups. A strong copper and a weak gold geochemical anomaly indicate potential for a large tonnage, low grade gold - copper deposit.

A three phase exploration program is recommended. Detailed geologic, geochemical and geophysical surveys should be conducted in areas of known mineralization. This should be followed by cat trenching, in order to expose overburden covered mineralized zones and thus better define targets for follow up diamond drilling in the third phase of exploration.

Estimated costs of the first two programs are:

Phase 1 - \$ 23,650.00

Phase 2 - \$ 36,300.00

INTRODUCTION

At the request of Mr. James H. Hirst (president) of Tri-West Resources Ltd., Ram Exploration Ltd. carried out the preliminary exploration program on the San Juan property. Two geologists and two assistants completed detailed geologic mapping and geochemical and geophysical surveys between October 8 and October 30, 1984. At the time of this examination, Tri-West did not hold title to the Wolf and Cougar claim groups. However, the surveys did extend onto these claim units in order to evaluate the potential of along strike mineralization from that exposed on the Debbie and Linda claims.

The following report is based on results of these surveys and a review of previous operators technical data.

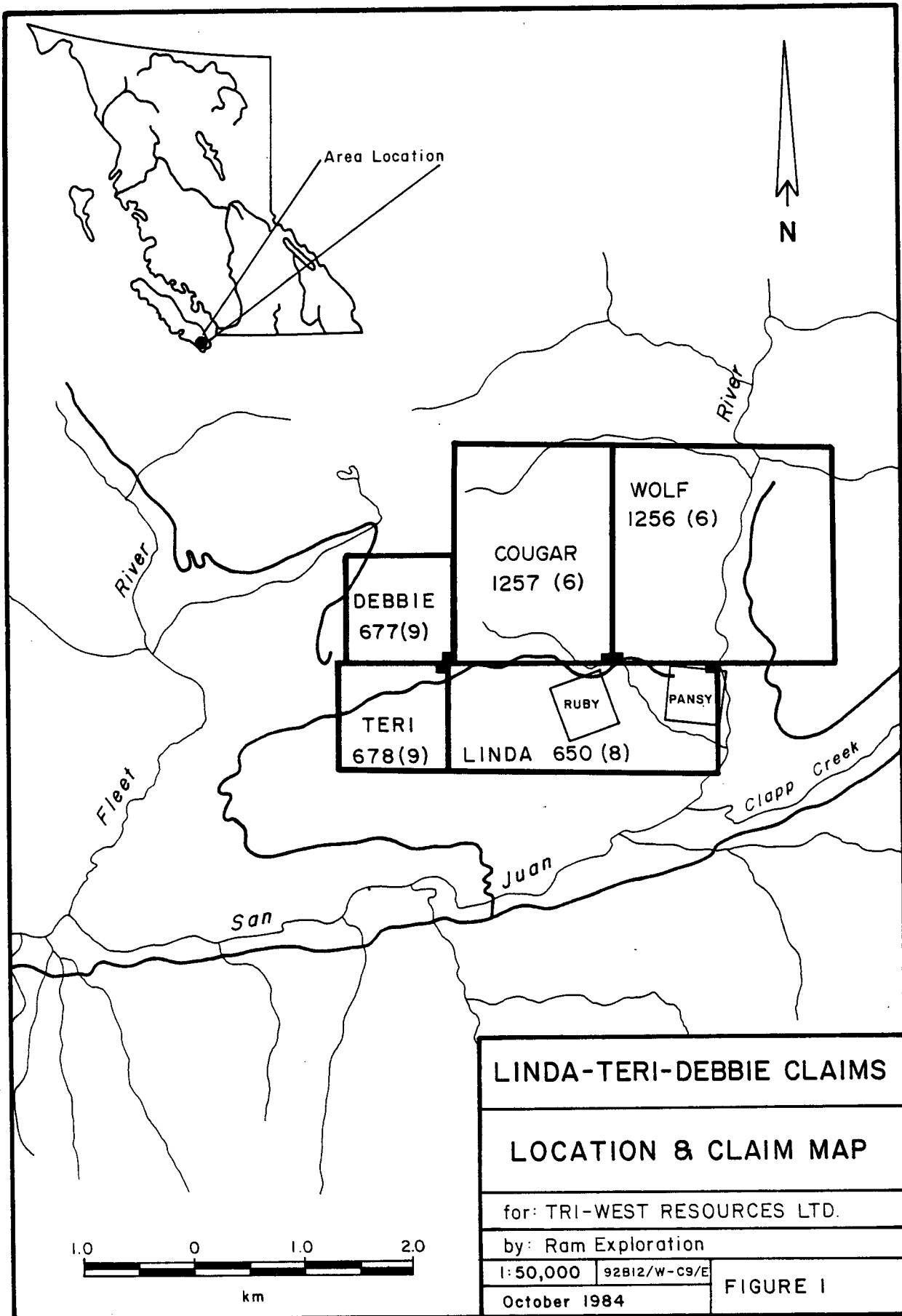
Location, Access and Physiography

The San Juan property is situated in the Victoria Mining Division approximately 60 km northwest of Victoria and 30 km east of Port Renfrew, British Columbia, near the headwaters of the San Juan River; latitude 48° 37'N, longitude 124° 00'W.

Logging roads in the vicinity are numerous. Two major roads, the Port Renfrew main and the Clapp Creek spur road, pass by within 1 km of the property but both are on the opposite side of the San Juan River from the claims (Figure 1).

The northwestern portion of the Debbie claim block can be accessed by logging roads up the Fleet River from Mesachie Lake. The last kilometer of this road however, is suitable for foot traffic only. Another road did access the property from the San Juan River to the south, but it is extensively overgrown and the bridge across the San Juan River has been washed out.

Open forested, gently sloping hills dominate the Debbie, Wolf and Cougar claim groups and the northern part of the Teri and Linda claims. The central and southern portions of the Teri and Linda claims are occupied by the San Juan Fault zone. Cliffs abound and the slopes are heavily vegetated with trees and salal.



Property

The property consists of the Linda, Teri and Debbie claim blocks, comprising a total of 18 units, recorded in the Victoria Mining Division on map sheets 92B12/W and 92C9/E. Recent acquisitions in January, 1985 have included the Wolf (16 units) and Cougar (12 units) claim blocks, located to the north of the Linda claims.

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Registered Owner</u>	<u>Expiry</u>
Linda	10	650 (8)	Tri-West Resources	August 18/85
Teri	4	677 (9)	Tri-West Resources	September 27/85
Debbie	4	678 (9)	Tri-West Resources	September 27/85
Wolf	16	1256 (6)	Tri-West Resources	June 12/85
Cougar	12	1257 (6)	Tri-West Resources	June 12/85

PREVIOUS WORK

The San Juan River and more generally the area underlain by the Leech River Formation on southwestern Vancouver Island, has long been known for its placer gold production. The discovery of epithermal gold veins with values up to 34 oz/t Au by Beau Pre Explorations Ltd., has given the area renewed potential for the discovery of lode gold deposits. Larger tonnage, lower grade, stratabound gold - iron - copper deposits have also been reported on Pan Island Resource Corp. and Reako Explorations Ltd. properties located to the west of the Linda, Debbie, Teri, Wolf and Cougar claim groups (Okeefe, 1984).

Showings of interest, which occur at the boundary between the Ruby claim and Tri-West's Linda, Cougar and Wolf claims, were discovered prior to World War I and were referred to as the Victory, Todd's Crevice, West Bank, West Showing and San Juan prospects (Min-file #92B-095, MMAR - 1952, A215-216).

These showings consist of northeast striking, steep southeast dipping quartz - stibnite +/- scheelite veins and lenses developed within a carbonate alteration zone (Stevenson, 1944, MMAR - 1952). A 12 m shaft was sunk during World War I and 300 m of diamond drilling was completed in 1943. Values of 0.60 oz/t with 5.4% Sb were obtained in the shaft.

Some of the quartz veins exposed on the surface were not encountered in the drilling, but the carbonate zone, which obtained widths up to 30 m traceable for 330 m along strike, did extend to depth (Stevenson, 1944). Chip samples taken across the northeast trending quartz vein averaged 0.165 oz/t Au and 6.78% Sb over a width of 1.2 m (Donaldson, 1968). Recent sampling of vein material returned 0.102 oz/t Au (Sheppard, 1983).

A geochemical survey conducted for Concorde Explorations Ltd. (Philip, 1968) confirmed the orientation of the veins and suggested that arsenic could be used to trace the gold - antimony system. A large copper anomaly, associated with strongly altered and pyritized volcanics, was also outlined on the Cougar claim group to the northwest of the quartz - stibnite - gold veins.

Similar mineralization exists on the Pansy claims to the east of the Linda claim group (Min-file #92B-061, MMAR - 1952). Here quartz and carbonate veinlets, with variable amounts of stibnite and scheelite, are hosted by limestone and marble interbedded with Bonanza Group greenstones. Several open cuts and an adit have been driven in along these structures. These showings can be traced for 125 m along strike and occur over a vertical extent of 60 m (Donaldson, 1968, MMAR - 1952). Channel samples taken along the 125 m strike length averaged 0.24 oz/t Au with 1.69% Sb over 0.5 m (Donaldson, 1968). More recent grab samples from these veins yielded 0.804 oz/t Au, 0.442 oz/t Au and 0.03 oz/t Au (Sheppard, 1983).

REGIONAL GEOLOGY

Southwestern Vancouver Island consists of a complex mosaic of fault blocks ranging in age from Paleozoic Sicker Group sediments and volcanics to Eocene and Oligocene clastic sediments (Muller, 1981 & 1982). The area in the vicinity of the San Juan property is predominantly underlain by Jurassic Island Intrusives, Jurassic Bonanza Group volcanics and consanguineous Westcoast Complex intrusives, Triassic to Cretaceous Leech River Formation volcanics and associated sediments and Cretaceous to Tertiary sediments, gabbroic intrusives and basaltic lavas.

Two major east - west fault systems transect the region. The northerly San Juan Fault system is interpreted to be a steep, south dipping fault zone which juxtaposes the Leech River Formation against Bonanza Group and Westcoast Complex rocks to the north. The Leech River Fault zone is parallel to and 10 km south of the San Juan Fault. It places Cretaceous to Tertiary units against the more northerly Leech River Formation.

PROPERTY GEOLOGY

Rock units of the Bonanza Group and Leech River Formation underlie a major portion of the San Juan property. Granitic to intermediate intrusives of the Westcoast Complex are exposed in the northwest portion of the Debbie claim group.

The San Juan Fault (Figures 2 & 3) transects the Bonanza Group in the southern portion of the Linda and Teri claims. To the east of the Linda claim, this fault places the Leech River Formation in contact with the Bonanza Group.

Several distinct rock units have been recognized within the Bonanza Group. Andesitic to basaltic volcanics (Jv - Figure 2) comprise the dominant rock type. These are brown to tan weathering and are generally fine grained and structureless, although local porphyritic and amygdaloidal phases have been noted. Chlorite is ubiquitous, a product of lower greenschist regional metamorphism.

As the San Juan Fault zone is approached, the volcanics become increasingly foliated and sheared (Jvs) and a second generation growth of chlorite can be documented. Gneissic textures, defined by alternate feldspar and chlorite rich bands, are locally developed in rocks within the fault zone. Quartz sheeting may also lend a gneissic appearance to the outcrops.

Large bodies of serpentinite (Js), up to 100 m across (exposed on L12+50E - Figure 2), compose the eastern core of the San Juan Fault zone. A second smaller body outcrops on the Teri claims (L2+50W). These units are characterized by intensely foliated, dark green chlorite rich rocks with

lighter green serpentine.

Foliations within the sheared and altered volcanics and serpentinites are generally steep north to moderate south dipping (60°). As reflected by its outcrop pattern on a topographic map (fig.3), the fault is interpreted to be steep to moderate south dipping.

A major east - west trending volcanoclastic unit (J₅) occurs within the Bonanza volcanics and is exposed in the region of the base line on the Linda, Teri, Debbie, Wolf and Cougar claims. It is characterized by its tan to white weathering and the existence of white altered feldspar (?) and light green siliceous angular fragments up to 5cm in size. Fragments of chert and black siltstone are present locally. The matrix is composed of a fine grained siliceous material.

A series of grey green cherts, poorly bedded siliceous sandstones and siltstones, well bedded dark grey siltstones and argillites and black shales (J_c) are exposed along the southern contact of the volcanoclastic unit, (L1+00W to 2+00E). Rare sedimentary structures, interpreted to be original bedding, indicate the units have a gross east - west, moderate (60°) north dipping orientation.

Chlorite rich tuffaceous rocks (J_t), probably andesitic in composition, crop out along the western margin of the Debbie claims. These can be very well bedded on the centimeter scale and grading and scour textures confirm tops are to the north and east. Small (1 cm) resistant nodules probably represent rock fragments or lapilli.

Minor amounts of limestone (J_l) have been recorded within the Bonanza Group. This fetid, black limestone crops out in the eastern portion of the Linda claims.

The Leech River Formation (K_s) is exposed in the southeastern extremities of the Linda claim group, well south of the San Juan Fault Zone. Its contact with the Bonanza Group volcanics was not observed. It is represented by a black fissile, southeast trending shale. Compositional layering is

indistinct, but where noted it parallels the fissility.

The Upper Palaeozoic to Jurassic Westcoast Complex (Pi) crops out along the western border of the Debbie claims. Small bodies of granitic to intermediate composition host inclusions of the Bonanza Group volcanics. These small bodies are probably apophyses of a larger intrusion exposed to the northwest of the property.

MINERALIZATION AND ROCK GEOCHEMISTRY

As discussed previously, the most important areas with respect to gold mineralization include the Ruby - Linda - Cougar claim boundary, the area to the southwest and northeast of this vein system and the region west of the Pansy claim showings.

Cat trenching by Concorde Explorations Ltd. in 1968 destroyed all surface exposures of the vein at the Ruby - Linda boundary. As a consequence, only sub - outcrop samples and float material, presumably from the shaft, were examined. This material consisted of massive white quartz with up to 10% bladed stibnite. Grab samples returned 0.125 oz/t Au (L-007 - Table 1 & Figure 2) and previous assays reported up to 0.6 oz/t Au (Stevenson, 1944). To the northeast of the shaft, near L14+00E, white quartz material with limonite coated vugs and no visible sulphide yielded 0.058 oz/t Au (L-005) while a sample of the carbonate (ankerite) alteration assayed 0.015 oz/t Au (L-006). This implies that the extensive alteration zone has potential to host significant gold values as well as containing higher grade quartz - antimony - gold veins and lenses.

No quartz - antimony veins were encountered to the west of the Pansy claim, possibly due to extensive vegetation cover. Weak gold and arsenic soil geochemical anomalies (see section 7 and Figures 4 & 6) however, indicate the potential exists for the discovery of new veins.

An extensive zone of silica - pyrite alteration is developed within the andesitic (Jv) and volcanoclastic (Jb) units to the northwest of the shaft.

TABLE 1

ROCK SAMPLE DESCRIPTIONS

and = andesite v/c = volcanoclastic qv = quartz veining sil = silicified
 chl = chlorite ser = sericite ank = ankerite py = pyrite ep = epidote
 cc = calcite diss = disseminated frac = fracture filling m = massive

SAMPLE	DESCRIPTION	Au - ppb
L-001	sil and - no py	nd
L-002	sil and, qv, minor py	10
L-003	ser and, qv, diss py	nd
L-004	hematite rich and, ep & cc, py as diss & frac	5
L-005	m quartz with limonite coated vugs, no py	.058 oz/t
L-006	ank alteration zone	.015 oz/t
L-007	m quartz with stibnite	.125 oz/t
L-008	m quartz with stibnite	.035 oz/t
Y-001	sil v/c, chl & py frac	nd
Y-002	footwall of shear, sil with py & chl	nd
Y-003	hangingwall of shear, sil with py	5
Y-004	hangingwall of shear, fresh and	5
Y-005	1.5 m shear, sil with py, minor ser	nd
Y-006	py rich pod in v/c	10
Y-007	sil and with py	5
Y-008	sil and, minor chl, 5% py	5
Y-009	sil and with chl & ser, 5% py	10
Y-010	sil and, minor chl, 5% py	nd
Y-011	4.0 m, sil and, minor chl	20
Y-012	sil and, 3-5% py as diss & frac	65
Y-013	massive py pod in sil and	5
Y-014	sil and with diss & frac py	60
Y-015	shear with ser & chl, py as frac & diss	5
Y-016	ser and, qv, py as frac & diss	20
Y-017	sil and, qv	30
Y-018	ser & chl and, 1% py	nd
Y-019	ser v/c, some sil & chl, py as frac & diss	nd
Y-020	ser v/c, some sil & chl, 3% py as diss	20
Y-021	chl v/c, some sil & ser, 3% py as frac	5
Y-022	chl v/c, some sil, 2-3% py	nd
Y-023	sil v/c, some chl, py as diss	5
Y-024	chl & py rich zone in sil v/c, 20% py	5
Y-025	sil v/c, some ser & chl, 2-3% py	nd
Y-026	sil v/c, 2% py as diss & frac	20
D-001	sil and, some ser, 2-3% py	nd
D-002	sil and, 1% py as diss & frac	nd
D-003	chl and, 2% py	nd
D-004	sil and, 2% py as diss	30
D-005	sil and, 3% py as frac	nd
D-006	sil and, some ser & chl, 1-2% py as frac	5
D-007	sheared chl and, 3-5% py	nd
D-008	sil and, 2% py	nd
D-009	sil and with py	nd

The main alteration zone is over 100m in width and extends for 600 m+ to the east and west (Figures 2 to 5). A second zone (which may be the northern extension of the main zone) is developed along the river bed to the north. If these two zones are continuous, it implies a vertical extent of over 150 m. Other silicified - pyrite rich areas occur to the west and northwest on the Debbie claim group.

Within these zones pyrite appears mainly as disseminations, but also occurs in the form of veinlets and fracture coatings. Pyrite can make up to 5% of the rock with local concentrations in excess of 25%. Chlorite +/- sericite alteration is developed locally within the silicified area. Numerous rock samples were taken and geochemically analysed for Au. Several were also analysed by ICP. A strong copper and moderate arsenic association was noted. This corroborates previous soil geochemistry performed for Concorde Explorations Ltd. (Philip, 1968). Some samples were also weakly anomalous with respect to gold (up to 55 ppb) indicating this zone may have potential to host a large tonnage, low grade, gold - copper deposit.

The silica - pyrite zone appears to be a separate mineralizing event from that which formed the quartz - stibnite - gold veins. Both are spatially separated by fresh volcanics. The silicified - pyritized volcanics and volcanoclastics have an associated enrichment in Cu and contain only background levels of Sb, whereas the quartz - stibnite veins have no copper signature and are associated with extensive carbonate (ankerite) alteration. Selected samples from both zones were analysed for mercury. The silicified volcanics contained only trace levels of mercury while minor amounts (up to 50 ppb) were detected in the quartz - stibnite veins.

The quartz - stibnite veins are thought to be epithermal in origin. The silicified zones may be representative of a fault controlled hydrothermal event, but their association with the volcanoclastic unit, combined with their copper geochemical signature, may imply a volcanogenic exhalative origin. Both models yield potential for a large tonnage, low grade copper - gold deposit.

GEOPHYSICS

A VLF-EM 16 survey was conducted along pre-established, north-south, 150 m spaced grid lines. Five lines were also established on the Cougar claims, in order to evaluate the silicified - pyrite alteration zone. Recordings were taken at 25 m intervals and a frequency of 17.8 KHz (Cutler, Maine - NAA) was used to test east-west trending conductors. The receiving instrument was a Geonics VLF-EM 16. The data was collected and reduced by Fraser Filtering, the results of which are shown on figure 3.

The most prominent conductor is the San Juan Fault zone, but this structure does not appear to be significant with respect to mineralization (see Figures 3 to 6). Other less prominent but significant anomalies are coincident with silicified volcanic and volcanoclastic zones exposed on the Cougar and Debbie claims. These are also associated with weak gold and copper soil anomalies (Figures 3 and 4).

A continuous southeast trending (?) conductor occupies the southern portion of the Debbie claims. Although outcrops in this region are few, the anomaly is not believed to be representative of a zone of alteration. It may be in part however, coincident with the east-west trending volcanoclastic unit (Figure 2).

Isolated conductive zones in the northeastern portion of the Linda claims are as yet unexplained. They do not appear to be coincident with known quartz - stibnite veins or with soils anomalous in gold or arsenic.

The VLF-EM 16 appears to be successful in distinguishing zones of intense alteration and in outlining the volcanoclastic unit. It has not however, been successful in delineating the quartz - stibnite veins and their associated structures.

SOIL GEOCHEMISTRY

Soil samples were taken along the pre-established grid, at 25 m intervals. No

samples were taken in areas of poor soil. Analyses were performed at Vangeochem Lab Ltd. in Vancouver.

Overburden is shallow in the northern part of the property (1m) and outcroppings are abundant. Soils are poorly developed and are generally representative of the "C" horizon. The southern portion of the grid (from 2+00S on most lines) changes from steep cliff faces and associated talus slopes to a more gentle, heavily vegetated slope. This southern area has better developed soils from which the "B" horizon could be sampled. All "B" and "C" horizon samples were collected from a depth of 20 to 40 cm.

All samples were initially geochemically analysed for trace amounts of gold. From the ICP results of the rock samples, it was determined that the northern silicified zones were anomalous in Cu and As while the quartz - stibnite veins were anomalous in Sb, weakly anomalous in As and contained only background levels of Cu. Consequently, the northern lines were analysed for Cu and As while the southern lines for As and Sb. Several north and south lines were also tested for Sb and Cu responses respectively.

After a brief examination of the data, it was decided to treat all the soil samples as a single population for geostatistical purposes. Histograms and probability plots (Sinclair, 1981) indicate that the threshold value for anomalous Au in soils was 25 ppb, anomalous Cu was 100 ppm and anomalous As was 10 ppm. All Sb values reflected background concentrations.

Gold

All non isolated Au values greater than 20 ppb were contoured and are illustrated on Figure 4.

A strong Au anomaly (up to 105 ppb) corresponds with the quartz - stibnite vein at the Ruby - Linda claims boundary. Another anomalous zone (up to 35 ppb) may be representative of the westward continuation of the Pansy claim showings.

Soils containing up to 65 ppb Au are associated with the silica - pyrite alteration zones on the Cougar and Debbie claims.

Copper

Soils anomalous in copper appear to be restricted to the northern part of the grid, (Figure 5). The strongest anomaly (L5+00E) has a restricted east-west extent, but is coincident with an area of silica - pyrite alteration. Weaker anomalous zones occur to the east and are also associated with the altered volcanics and volcanoclastics. These zones parallel and occur upslope from an associated (?) gold anomaly.

A major copper anomaly was detected in the southeast corner of the Debbie claims. Limited exposure suggests that this anomaly is not associated with a zone of alteration.

Arsenic

Arsenic corresponds well with gold anomalies on the southern portion of the grid (Figures 4 and 6). In particular it highlights the quartz - stibnite veins at the Linda - Ruby boundary.

Weaker anomalous zones occur to the north and northwest, but their relationship to the silicified zones and the copper and gold anomalies is more ambiguous.

Antimony

Antimony in soils was initially determined by A.A.S., but only background levels were detected. Soils collected in the vicinity of the quartz - stibnite - gold vein system were re-analysed by ICP, yielding significantly greater antimony values (Appendix 4). Consequently, soils were rerun by the ICP method. The bulk of these however, still reflected only background levels.

CONCLUSIONS AND RECOMMENDATIONS

Tri-West's San Juan property and the surrounding claims host two distinct

types of mineralization.

Of primary importance are a series of northeast - southwest trending quartz - stibnite veins and their associated ankeritic alteration zone. Both the veins and the altered host rocks yield significant gold (0.125 oz/t Au and 0.015 oz/t Au respectively) and antimony values.

Similar mineralization, running up to 0.804 oz/t Au, occurs on the Pansy claims to the east. Weak gold and arsenic soil anomalies suggest this mineralization may extend westward onto the Linda claim group.

An extensive area of silica - pyrite +/- chlorite - sericite alteration is associated with andesitic and volcanoclastic rocks on the Cougar and Debbie claim groups. Weak gold and copper soil anomalies and an associated VLF conductor occur within this zone. Low but weak anomalous gold values were obtained in rocks collected from this area.

It is recommended that a three phase exploration program be undertaken.

More detailed geological, geochemical and geophysical surveys should be conducted in order to better define areas of known mineralization and their possible extensions. Geophysical surveys should include a closer spaced VLF/EM program, to test the pyrite - silica alteration zones. A magnetometer survey may be important in delineating quartz - antimony - gold bearing systems. This phase of exploration should also include limited hand trenching in the vicinity of the shaft and reconnaissance programs on the Wolf and Cougar claims.

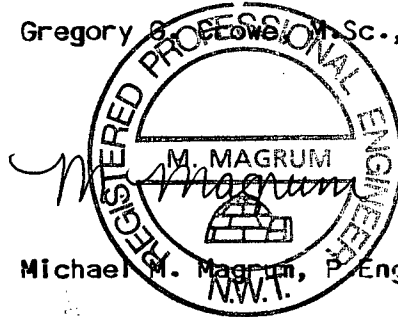
The second exploration program should consist of road rehabilitation and cat trenching of known showings, to better define targets for drilling in the third exploration phase.

Estimated costs of phase 1 and 2 are \$ 59,950.00 (table 2).

Respectfully submitted:



Gregory B. Lowe, M.Sc., P.Geol.



Michael M. Magrum, P.Eng.

TABLE 2

ESTIMATED COSTS OF CONTINUED EVALUATION
OF THE SAN JUAN PROPERTY

Phase 1

Mobilization	\$ 1,500.00
Geological mapping, geochemical and geophysical surveys	10,000.00
Geochemistry	5,000.00
Supplies and equipment rental	3,000.00
Report	2,000.00
Contingency 10%	<u>2,150.00</u>
Total	\$ 23,650.00

Phase 2

Mobilization	\$ 1,000.00
Geologist/Supervisor 14 @ 250.00/day	3,500.00
Cat trenching and road rehabilitation	25,000.00
Geochemical sampling and assaying	2,000.00
Report	1,500.00
Contingency 10%	<u>3,300.00</u>
Total	\$ 36,300.00

REFERENCES

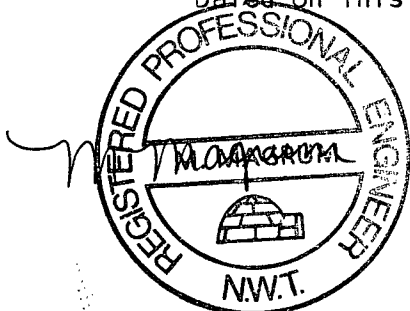
- Donaldson, T.J., 1968, Report on the San Juan antimony - gold prospect, Vancouver Island, B.C., unpublished report.
- Muller, J.E., 1981, Geology - Victoria Map area, Vancouver Island and Gulf Islands, B.C., Geol. Surv. Canada, Open File 701.
- Muller, J.E., 1982, Geology of Nitinat Lake Map area, Geol. Surv. Canada, Open File 821.
- O'Keefe, D., 1984, Vancouver Island's Leech River camp uncovering widespread gold mineralization, International Prospectors and Developers Inc., V 7, #4, pp 10 - 11.
- Philip, R.D.H., 1968, Report on a geochemical survey on the San Juan Property of Concorde Explorations Ltd., B.C.D.M. assessment report # 1656.
- Sheppard, E.P., 1983, Geological report on the San Juan property, Victoria Mining Division, Vancouver Island, B.C., for Nu-Sun Energy Corp., Tri-West Resources Ltd., prospectus, 1984.
- Sinclair, A.J., 1981, Applications of probability graphs in mineral exploration, Association of Exploration Geochemists, Special Volume #4, 95p.
- Stevenson, J.S., 1944, Victory Group, B.C.D.M., unpublished report.

CERTIFICATE

I, MICHAEL M. MAGRUM, of the City of Yellowknife in the Northwest Territories, certify that:

- 1) My address is Box 2045, Yellowknife, Northwest Territories, Canada, X1A 2N3 and that my occupation is that of a Geological Engineer.
- 2) I am a graduate of the University of Alaska in Geological Engineering, 1976, with a degree of B.Sc.
- 3) I have been a practicing engineer since 1976 and I am a member of the Association of Professional Engineers, Geologists and Geophysicists of the N.W.T.
- 4) I have no interest either directly or indirectly, nor do I expect to receive any interest in the property covered in this report or in the shares of Tri-West Resources Ltd.
- 5) The accompanying report is based on field examinations and a detailed evaluation of previous operators technical data.
- 6) This report may be used by Tri-West Resources Ltd. for inclusion in a Prospectus or Statement of Material Facts to be filed by the Company with the Superintendent of Brokers in the Province of British Columbia.

Dated on this 12th day of March, 1985 at Vancouver, B.C.



M. Magrum

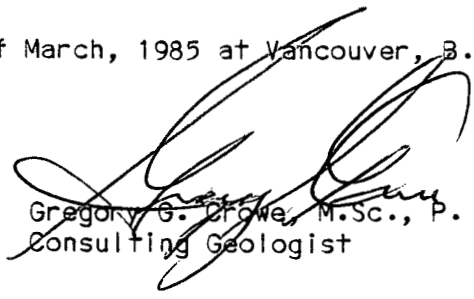
Michael M. Magrum
Geological Engineer

CERTIFICATE

I, GREGORY G. CROWE, of the city of Vancouver, British Columbia hereby certify that:

- 1) I am a consulting geologist with offices at 404 - 850 West Hastings St., Vancouver, B.C.
- 2) I hold a degree of Master of Science in Geology from the University of Calgary, November, 1981 and a Bachelor of Science in Geology from Carleton University in Ottawa, June, 1977.
- 3) I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
- 4) I have been employed in my profession for the past 10 years.
- 5) I have no interest either directly or indirectly, nor do I expect to receive any interest in the property covered in this report or in the shares of Tri-West Resources Ltd.
- 6) This report is based on field examinations made by myself in October, 1984 and on a detailed evaluation of previous operators technical data.
- 7) This report may be used by Tri-West Resources Ltd. for inclusion in a Prospectus or Statement of Material Facts, to be filed by the Company with the Superintendent of Brokers in the Province of British Columbia.

Dated on this 12th day of March, 1985 at Vancouver, B.C.



Gregory G. Crowe, M.Sc., P. Geol.
Consulting Geologist

APPENDIX 1

COSTS INCURRED

COSTS INCURRED

Senior Geologist	25 days @ 250.00	\$ 6,500.00
Geologist	23 days @ 200.00	4,600.00
Field Technician	17 days @ 175.00	2,975.00
Assistant	15 days @ 150.00	2,250.00
Vehicle - 2 vehicles (includes accommodation)	23 days @ 125.00	2,875.00
Food	80 @ 15.00/man day	1,200.00
Fuel		750.00
Equipment Rental		1,000.00
Supplies		400.00
Helicopter		550.00
Geochemistry		8,000.00
Engineers Report		<u>4,500.00</u>
	Total	\$ 35,600.00

Appendix 2
Sample Preparation - Analytical Procedures

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vancouver, B.C.
V7P 2S3

To: Mr. Greg Crowe
Ram Exploration Ltd.
404 - 850 West Hastings St.
Vancouver B.C. V6C 1E1

FROM: Vangoechem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine Aqua Regia
soluble gold in geochemical samples

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 5.00 - 10.00 grams of the minus 80-mesh samples were used. Samples were weighed out by using an electronic micro-balance into beakers.
- (b) 20 ml of Aqua Regia (3:1 HCl : HNO₃) were used to digest the samples over a hot plate vigorously.
- (c) The digested samples were filtered and the washed pulps were discarded and the filtrate was reduced to about 5 ml.

(d) The Au complex ions were extracted into diisobutyl ketone and thiourea medium. (Anion exchange liquids "Aliquot 336").

(e) Separate Funnels were used to separate the organic layer.

3. Method of Detection

The gold analyses were detected by using a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. A hydrogen lamp was used to correct any background interferences. The gold values in parts per billion were calculated by comparing them with a set of gold standards.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and his laboratory staff.



Eddie Tang
VANGEOCHEM LAB LTD.

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vancouver, B.C.
V7P 2S3

TO: Mr. Greg Crowe
Ram Exploration Ltd.
404 - 850 West Hastings St.
Vancouver B.C. V6C 1E1

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine hot acid soluble
for Mo,Cu,Pb,Zn,Ag in geochemical silt and soil samples.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 0.50 gram of the minus 80-mesh samples was used. Samples were weighed out by using a electronic micro-balance.
- (b) Samples were heated in a sand bath with nitric and perchloric acids (15% to 85% by volume of the concentrated acids respectively).
- (c) Minimum of 5000 ppm of AlCO₃ was added to each samples when Mo analysis is required, digested samples were diluted with demineralized water to a fixed volume and shaken

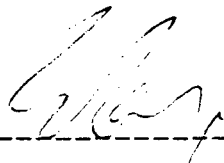
3. Method of Analysis

Mo, Cu, Pb, Zn, Ag analyses were determined by using a Techtron Atomic Absorption Spectrophotometer Model AA5 with their respective hollow cathode lamps. The digested samples were aspirated directly into an air and acetylene mixture flame. The results, in parts per million, were calculated by comparing a set of standards to calibrate the atomic absorption units.

4. Background Correction

A hydrogen continuum lamp is used to correct the Silver background interferences.

5. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and the laboratory staff.



Eddie Tang
VANGEOCHEM LAB LTD.

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vancouver, B.C.
V7P 2S3

TO: Mr. Greg Crowe
Ram Exploration Ltd.
404 - 850 West Hastings St.
Vancouver B.C. V6C 1E1

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine multiple elements
in hot acid soluble by Induction Couple Plasma
Spectrometer (ICP) analysis.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

- (a) 0.500 gram of -80 mesh sample was used.
- (b) Samples were digested in a hot water bath with diluted aqua regia acids.
- (c) The digested samples were diluted to a fixed volume and shaken well.

3. Method of Analysis

The analyses were determined by using a Jarrel Ash ICAP model 9000 direct reading emission spectrometer with an inductively coupled plasma excitation source. Background and inter-element corrections (IEC'S) were applied. All data is compiled into an Apple IIe computer, stored on floppy disk and printed by an Epson 100 dot-matrix printer.

4. The analyses were supervised by Mr. Wade Reeves and Mr. Conway Chun of Vangeochem Lab Ltd. and their staff.

Wade Reeves

Conway Chun
VANGEOCHEM LAB LTD.

VANGEOCHEM LAB LTD.
1521 Pemberton Ave.
North Vancouver, B.C.
V7P 2S3

TO: Mr. Greg Crowe
Ram Exploration Ltd.
404 - 850 West Hastings St.
Vancouver B.C. V6C 1E1

FROM: Vangeochem Lab Ltd.
1521 Pemberton Ave.
North Vancouver, B.C. V7P 2S3

SUBJECT: Analytical procedure used to determine Antimony in geological samples.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received in the laboratory in wet-strength 4" x 6" Kraft paper bags or rock samples sometimes in 8" x 12" plastic bags.
- (b) The dried soil and silt samples were sifted by hand using a 8" diameter 80-mesh stainless steel sieve. The plus 80-mesh fraction was rejected and the minus 80-mesh fraction was transferred into a new bag for analysis later.
- (c) The dried rock samples were crushed by using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for later analysis.

2. Method of Digestion

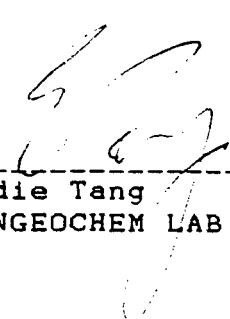
- (a) 0.50 gram samples of the minus 80-mesh fraction were weighed out by using a electronic micro-balance into the test tubes.
- (b) Tartaric acid and nitric acid were added to the samples and allowed to sit overnight.
- (c) The samples were digested in a hot water bath for 2-3 hours.

(d) The samples were shaken and diluted with demineralized water to a fixed volume settled.

3. Method of Analysis

Sb analysis is determined by using a Techtron Atomic Absorption Spectrophotometer Model AA4 or Model AA5 with the Sb hollow cathode lamp. The digested samples were aspirated directly into an air and acetylene flame. The results in parts per million were calculated by comparing a set of standards to calibrate the atomic absorption unit and displayed in a strip chart recorder.

4. The analyses were supervised or determined by Mr. Conway Chun or Mr. Eddie Tang and the laboratory staff.



Eddie Tang
VANGEOCHEM LAB LTD.

Appendix 3
Rock Geochemistry - Analytical Results

VANGEOCHEM LAB LIMITED

1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-113

JOB NUMBER: 84611

PAGE 1 OF 1

SAMPLE #	Au ppb
L 001	nd
L 002	10
L 003	nd
L 004	5
L 005	1975
L 006	630
L 007	4900
DETECTION LIMIT	5

VANGEDCHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-134 JOB NUMBER: 84660

PAGE 1 OF 1

SAMPLE #	Au gm/Mt
L 005	2.0
L 006	.5
L 007	4.3
L 008	1.2

COPY

DETECTION LIMIT

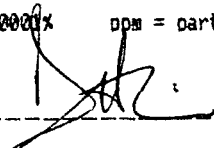
1 Troy oz/short ton = 34.28 ppm

0.2

1 ppm = 0.0001%

ppm = parts per million

signed: _____



VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-116

JOB NUMBER: 84597

PAGE 1 OF 1

SAMPLE #	Au ppb
Y 001	nd
Y 002	nd
Y 003	5
Y 004	5
Y 005	nd
Y 006	10
Y 007	5
Y 008	5
Y 009	10
Y 010	nd
Y 011	20
Y 012	65
Y 013	5
Y 014	60
Y 015	5
Y 016	20
Y 017	30
Y 018	nd
Y 019	nd
Y 020	20
Y 021	5
Y 022	nd
Y 023	5
Y 024	5
Y 025	nd
Y 026	20
D 001	nd
D 002	nd
D 003	nd
D 004	30
D 005	nd
D 006	5
D 007	nd
D 008	nd
D 009	nd
L 008	1170
RK-DR-1	5
L2+00E 5+87S	5
DETECTION LIMIT	5

VANGOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-132 JOB NUMBER: 84650

PAGE 1 OF 1

SAMPLE #	Hg ppb
L 005	5
L 006	60
L 007	10
L 008	25
Y 009	5
Y 012	nd
Y 014	5
Y 016	nd
Y 017	15
D 004	15
D 008	10
DETECTION LIMIT	5

VANGEOCHEM LAB LIMITED
 1521 PEMBERTON AVENUE
 NORTH VANCOUVER, B. C. V7P 2S3

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 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 ppb.
 - SAMPLE TYPE: SOLUTION

REPORT NO. 84-01-113
 INVOICE NO. 8479

DATE RECEIVED: OCT 31 1984 DATE REPORT MAILED: Nov 7 / 84 ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

RAM EXPLORATION SOLUTION FROM VANGEOCHEM JOB # 84-611 FILE # 84-3253

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	μg	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	%	%	ppb	ppb	%	ppb	%	%	%	%	%	ppb
L 001	1	9	8	57	.1	33	11	539	2.93	6	5	ND	2	30	1	3	2	49	.52	.17	5	99	1.35	37	.13	2	1.49	.04	.02	2
L 006	1	3	18	94	.1	113	30	1330	7.70	203	5	ND	2	8	1	569 (est)	2	40	.10	.11	2	88	.52	140	.01	2	1.86	.03	.18	2
L 007	1	31	4	9	.8	17	2	37	.59	25	5	2	2	2	1	3140 (-3%)	2	2	.02	.01	2	150	.01	10	.01	9	.05	.01	.01	2

VANGEOCHEM LAB LIMITED
 1521 PEMBERTON AVENUE
 NORTH VANCOUVER, B. C. V7P 2S3

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 7-1-3 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: SOLUTION

REPORT # 84-01-116
 INVOICE # 8467

DATE RECEIVED: OCT 30 1984 DATE REPORT MAILED: NOV 9/84 ASSAYER: D. Toy DEAN TOYE, CERTIFIED B.C. ASSAYER

SAMPLE#	RAM EXPLORATION SOLUTION FROM VANGEOCHEM JOB # 84-597 FILE # 84-3274																												PAGE 1	
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na		K
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	%	ppm
Y 006	1	134	12	43	.8	3	24	185	19.23	31	5	ND	2	6	1	2	5	29	.62	.03	2	39	.43	6	.04	2	.84	.02	.02	2
Y 007	2	102	13	30	.2	7	12	271	4.96	33	5	ND	2	22	1	2	4	65	.47	.12	2	40	1.70	38	.13	6	1.57	.08	.08	2
Y 009	1	233	6	42	.3	9	14	475	4.95	60	5	ND	2	28	1	2	2	113	.87	.13	2	31	1.97	12	.17	2	1.89	.07	.03	2
Y 012	6	12	11	21	.2	6	20	304	5.28	7	5	ND	2	47	1	2	2	107	.60	.13	3	18	2.29	40	.10	5	3.19	.13	.06	2
Y 013	8	21	15	32	.3	12	43	474	11.19	12	5	ND	2	15	1	2	2	116	.29	.15	2	35	2.61	20	.21	2	3.07	.05	.03	2
Y 015	3	46	12	21	.2	23	20	243	5.30	6	5	ND	2	29	1	2	2	88	.43	.13	4	35	2.06	54	.10	4	2.97	.10	.13	2
Y 016	9	86	14	16	.2	9	14	146	5.89	3	5	ND	2	27	1	3	9	93	.64	.25	7	21	1.17	44	.16	3	2.29	.08	.15	2
Y 021	5	12	19	30	.1	2	9	312	4.03	3	5	ND	2	11	1	2	2	84	.25	.14	5	32	2.11	36	.07	4	2.02	.05	.09	2
D 002	2	72	5	20	.1	1	4	142	3.01	2	5	ND	2	48	1	2	3	38	.53	.11	4	12	1.56	55	.11	6	2.08	.10	.06	2
D 003	2	156	14	49	.1	8	14	772	6.20	7	5	ND	2	64	1	2	2	105	.72	.14	7	11	2.28	35	.14	2	3.27	.09	.06	2
D 007	36	30	5	32	.1	51	49	342	10.93	11	5	ND	2	18	1	2	2	86	.45	.12	14	125	2.66	27	.16	5	2.84	.07	.03	2
D 008	2	159	5	41	.1	6	13	409	4.38	4	5	ND	2	25	1	2	2	78	.60	.13	?	18	1.68	74	.20	10	2.19	.06	.10	2
STD C	20	60	38	129	7.2	65	29	1054	3.93	42	18	7	33	51	16	16	23	57	.44	.13	40	59	.88	177	.08	41	1.72	.06	.12	12

Appendix 4

Soil Geochemistry - Analytical Results

VANGEDCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: — = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-121

JOB NUMBER: 84596

PAGE 1 OF 7

SAMPLE #	Au ppb
200E 0+25N	nd
200E 0+50N	nd
200E 0+75N	nd
200E 1+00N	nd
200E 1+25N	10
200E 1+50N	50
200E 1+75N	30
200E 2+00N	nd
200E 2+25N	15
200E 2+50N	10
200E 2+75N	nd
200E 3+00N	nd
500E 0+25N	25
500E 0+50N	50
500E 0+75N	15
500E 1+00N	20
500E 1+25N	5
500E 1+50N	30
500E 1+75N	25
500E 2+25N	10
500E 2+50N	5
500E 2+75N	nd
500E 3+00N	nd
500E 3+25N	5
650E 0+25N	25
650E 0+50N	nd
650E 0+75N	nd
650E 1+00N	20
650E 1+25N	25
650E 1+50N	nd
650E 1+75N	15
650E 2+00N	5
650E 2+25N	20
650E 2+50N	10
650E 2+75N	65
650E 3+00N	5
650E 3+25N	5
650E 3+50N	nd
800E 0+25N	nd
DETECTION LIMIT	5

VANGEDICHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-121

JOB NUMBER: 84596

PAGE 2 OF 7

SAMPLE #	Au ppb
800E 0+50N	5
800E 0+75N	10
800E 1+00N	10
800E 1+25N	10
800E 1+50N	10
800E 1+75N	20
800E 2+00N	65
800E 2+25N	10
800E 2+50N	10
800E 2+75N	10
800E 3+00N	15
800E 3+25N	10
800E 3+50N	15
950E 0+25N	10
950E 0+50N	20
950E 0+75N	nd
950E 1+00N	nd
950E 1+25N	nd
950E 1+50N	20
950E 1+75N	25
950E 2+00N	15
950E 2+25N	5
950E 2+50N	nd
950E 2+75N	5
950E 3+00N	nd
950E 3+25N	15
950E 3+50N	15
1+00W 0+00N	15
1+00W 0+25N	5
1+00W 0+75N	15
1+00W 1+00N	15
1+00W 1+25N	15
1+00W 1+50N	25
1+00W 1+75N	10
1+00W 2+00N	5
1+00W 2+25N	15
1+00W 2+50N	5
1+00W 2+75N	10
1+00W 3+00N	nd
DETECTION LIMIT	5

WASGEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-121

JOB NUMBER: 84596

PAGE 3 OF 7

SAMPLE #	Au ppb
1+00W 3+25N	10
1+00W 3+50N	nd
1+00W 3+75N	20
1+00W 4+00N	10
1+00W 4+25N	nd
1+00W 4+50N	nd
1+00W 4+75N	30
1+00W 5+00N	nd
1+00W 5+25N	10
1+00W 5+50N	nd
1+00W 5+75N	5
1+00W 6+00N	5
1+00W 6+25N	15
1+00W 6+50N	5
1+00W 6+75N	nd
1+00W 7+00N	10
1+00W 7+25N	20
2+50W 0+00N	20
2+50W 0+25N	15
2+50W 0+50N	20
2+50W 0+75N	5
2+50W 1+00N	15
2+50W 1+25N	nd
2+50W 1+50N	15
2+50W 1+75N	10
2+50W 2+00N	nd
2+50W 2+25N	nd
2+50W 2+50N	5
2+50W 2+75N	5
2+50W 3+00N	10
2+50W 3+25N	15
2+50W 3+50N	20
2+50W 3+75N	15
2+50W 4+00N	nd
2+50W 4+25N	5
2+50W 4+50N	10
2+50W 4+75N	nd
2+50W 5+00N	10
2+50W 5+25N	10
DETECTION LIMIT	5

VANGEDICHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-121

JOB NUMBER: 84596

PAGE 4 OF 7

SAMPLE #	Au ppb
2+50W 5+75N	5
2+50W 6+00N	10
2+50W 6+25N	5
2+50W 6+50N	5
2+50W 6+75N	5
4+00W 0+00N	25
4+00W 0+25N	25
4+00W 0+50N	15
4+00W 0+75N	nd
4+00W 1+00N	20
4+00W 1+25N	5
4+00W 1+50N	10
4+00W 1+75N	30
4+00W 2+00N	15
4+00W 2+25N	10
4+00W 2+50N	20
4+00W 2+75N	15
4+00W 3+00N	10
4+00W 3+25N	10
4+00W 3+50N	20
4+00W 3+75N	10
4+00W 4+00N	10
4+00W 4+25N	5
4+00W 4+50N	nd
4+00W 4+75N	25
4+00W 5+00N	15
4+00W 5+25N	5
4+00W 5+50N	20
4+00W 5+75N	10
4+00W 6+00N	15
4+00W 6+25N	20
4+00W 6+50N	5
4+00W 6+75N	25
4+00W 7+00N	nd
4+00W 7+25N	10
4+00W 7+50N	20
4+00W 7+75N	15
4+00W 8+00N	25
4+00W 8+25N	10
DETECTION LIMIT	5

VANBODDEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-121

JOB NUMBER: 84596

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SAMPLE #	Au ppb
4+00W 8+50N	20
4+00W 8+75N	10
4+00W 9+00N	5
4+00W 9+25N	nd
4+00W 9+50N	nd
4+00W 9+75N	nd
4+00W 10+00N	10
4+00W 10+25N	10
5+50W 0+00N	5
5+50W 0+25N	nd
5+50W 0+50N	nd
5+50W 0+75N	5
5+50W 1+00N	15
5+50W 1+25N	nd
5+50W 1+50N	5
5+50W 1+75N	10
5+50W 2+00N	nd
5+50W 2+25N	nd
5+50W 2+50N	15
5+50W 2+75N	nd
5+50W 3+00N	10
5+50W 3+25N	10
5+50W 3+50N	nd
5+50W 3+75N	5
5+50W 4+00N	15
5+50W 4+25N	5
5+50W 4+50N	nd
5+50W 4+75N	nd
5+50W 5+00N	nd
5+50W 5+25N	25
5+50W 5+50N	5
5+50W 5+75N	5
5+50W 6+00N	20
5+50W 6+25N	nd
5+50W 6+50N	10
5+50W 6+75N	nd
5+50W 7+00N	10
5+50W 7+25N	nd
5+50W 7+50N	nd
DETECTION LIMIT	5

VANGEDICHEN LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 04-01-121

JOB NUMBER: 84596

PAGE 6 OF 7

SAMPLE #	Au ppb
5+50W 0+00S	nd
5+50W 0+25S	nd
5+50W 0+50S	10
5+50W 0+75S	nd
5+50W 1+00S	10
5+50W 1+25S	nd
5+50W 1+50S	nd
5+50W 1+75S	5
5+50W 2+00S	nd
5+50W 2+25S	nd
5+50W 2+50S	10
5+50W 2+75S	15
5+50W 3+00S	10
5+50W 3+25S	nd
5+50W 3+50S	10
5+50W 3+75S	nd
5+50W 4+00S	5
5+50W 4+25S	10
5+50W 4+50S	5
5+50W 4+75S	nd
5+50W 5+00S	5
5+50W 5+25S	nd
5+50W 5+50S	nd
5+50W 5+75S	5
5+50W 6+00S	5
5+50W 6+25S	10
5+50W 6+50S	5
5+50W 6+75S	10
5+50W 7+00S	nd
5+50W 7+25S	15
5+50W 7+50S	10
5+50W 8+00S	10
5+50W 8+25S	nd
5+50W 8+50S	nd
5+50W 8+75S	nd
5+50W 9+00S	5
5+50W 9+25S	10
5+50W 9+50S	nd
5+50W 9+75S	nd
DETECTION LIMIT	5

VANBEGGEM LAB LIMITED
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(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-121 JOB NUMBER: 84596

PAGE 7 OF 7

SAMPLE #	Au ppb
5+50W 10+00S	nd
5+50W 10+25S	10
1+00W 0+50N	5
DETECTION LIMIT	5

VANGEOCHEM LAB LIMITED
1521 Pemberton Avenue
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(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-124

JOB NUMBER: 84612

PAGE 1 OF 10

SAMPLE #	Au ppb
50E 0+00S	10
50E 0+25S	10
50E 0+50S	10
50E 0+75S	nd
50E 1+00S	nd
50E 1+25S	nd
50E 1+50S	nd
50E 1+75S	nd
50E 2+50S	10
50E 2+75S	nd
50E 3+00S	5
50E 3+25S	5
50E 3+50S	nd
50E 3+75S	5
50E 4+00S	nd
50E 4+75S	10
50E 5+00S	nd
50E 5+50S	5
1+00W 0+50S	nd
100W 0+00S	nd
100W 0+25S	10
100W 0+50S	5
100W 0+75S	nd
100W 0+100S	5
100W 125S	5
100W 150S	nd
100W 200S	nd
200E 075S	nd
200E 100S	5
200E 125S	5
200E 150S	5
200E 175S	5
200E 200S	10
200E 225S	5
200E 250S	nd
200E 275S	nd
200E 300S	nd
200E 325S	nd
200E 350S	10
DETECTION LIMIT	5

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PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-124 JOB NUMBER: 84612

PAGE 2 OF 10

SAMPLE #	Au ppb
200E 375S	5
200E 400S	5
200E 450S	nd
200E 475S	nd
2+50W 0+00S	5
2+50W 0+25S	5
2+50W 0+50S	nd
2+50W 0+75S	5
2+50W 1+00S	nd
2+50W 1+50S	10
2+50W 1+75S	5
2+50W 2+00S	nd
2+50W 2+25S	nd
2+50W 2+50S	5
2+50W 2+75S	10
2+50W 3+00S	5
2+50W 3+25S	5
2+50W 4+50S	5
2+50W 4+75S	5
2+50W 5+00S	5
2+50W 5+25S	nd
2+50W 6+25S	nd
350E 100S	nd
350E 125S	nd
350E 200S	5
350E 225S	10
350E 300S	5
350E 325S	5
350E 350S	5
350E 375S	5
350E 400S	nd
350E 425S	nd
350E 450S	5
350E 475S	10
350E 500S	5
350E 525S	5
4+00W 0+25S	5
4+00W 0+50S	10
4+00W 1+00S	5
DETECTION LIMIT	5

VANGEOCHEM LAB LIMITED
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PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
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: is = insufficient sample

REPORT NUMBER: 84-01-124 JOB NUMBER: 84612

PAGE 3 OF 10

SAMPLE #	Au ppb
4+00W 1+25S	nd
4+00W 1+50S	5
4+00W 1+75S	10
4+00W 2+00S	nd
4+00W 2+25S	5
4+00W 2+50S	10
4+00W 2+75S	15
4+00W 3+00S	10
4+00W 3+50S	5
4+00W 4+00S	nd
4+00W 4+25S	5
4+00W 4+75S	10
4+00W 5+25S	5
4+00W 5+50S	nd
4+00W 5+75S	10
4+00W 6+50S	nd
500E 025S	nd
500E 050S	5
500E 075S	5
500E 175S	15
500E 200S	nd
500E 225S	nd
500E 250S	5
500E 300S	5
500E 325S	5
500E 375S	nd
500E 425S	5
500E 450S	5
500E 475S	10
500E 500S	nd
500E 525S	nd
650E 0+25S	5
650E 0+50S	nd
650E 0+75S	5
650E 1+00S	5
650E 1+25S	nd
650E 2+25S	5
650E 2+50S	10
650E 2+75S	nd
DETECTION LIMIT	5

VANGECHEM LAB LIMITED
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NOTES: nd = none detected
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: is = insufficient sample

REPORT NUMBER: 84-01-124 JOB NUMBER: 84612

PAGE 4 OF 10

SAMPLE #	Au ppb
650E 3+00S	nd
650E 3+25S	5
650E 3+50S	nd
650E 3+75S	nd
650E 4+00S	10
650E 4+25S	nd
650E 4+50S	10
650E 6+25S	15
700W 600S	20
700W 575S	nd
700W 550S	10
700W 525S	10
700W 500S	5
700W 475S	5
700W 450S	nd
700W 425S	nd
700W 400S	5
700W 375S	10
700W 350S	10
700W 325S	10
700W 300S	nd
700W 275S	15
700W 250S	5
700W 225S	nd
700W 200S	nd
700W 175S	5
700W 150S	nd
700W 125S	nd
700W 100S	10
700W 075S	5
700W 050S	nd
700W 025S	5
7+00W 0+00N	nd
7+00W 0+25N	nd
7+00W 0+50N	nd
7+00W 1+75N	nd
7+00W 1+00N	5
7+00W 1+25N	nd
7+00W 1+50N	5
DETECTION LIMIT	5

VANSEDCHEM LAB LIMITED
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(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-124

JOB NUMBER: 84612

PAGE 5 OF 10

SAMPLE #	Au ppb
7+00W 1+75N	10
7+00W 2+00N	nd
7+00W 2+25N	5
7+00W 2+50N	nd
7+00W 2+75N	5
7+00W 3+00N	5
7+00W 3+25N	10
7+00W 3+50N	5
7+00W 3+75N	nd
7+00W 4+00N	5
7+00W 4+25N	nd
7+00W 4+50N	nd
7+00W 4+75N	10
7+00W 5+00N	10
7+00W 5+25N	15
7+00W 5+50N	10
7+00W 5+75N	nd
7+00W 6+00N	5
7+00W 6+25N	nd
7+00W 6+50N	5
7+00W 6+75N	10
7+00W 7+00N	nd
7+00W 7+25N	5
800E 0+25S	nd
800E 0+50S	20
800E 0+75S	5
800E 1+00S	nd
800E 1+25S	5
800E 1+50S	5
800E 2+50S	nd
800E 2+75S	10
800E 3+00S	10
800E 3+50S	nd
800E 3+75S	nd
800E 4+00S	nd
800E 4+25S	5
800E 6+25S	nd
850W 1025S	5
850W 775S	10
DETECTION LIMIT	5

VANGECHEM LAB LIMITED
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NOTES: nd = none detected
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REPORT NUMBER: 84-01-124 JOB NUMBER: 84612

PAGE 6 OF 10

SAMPLE #	Au ppb
850W 750S	10
850W 725S	nd
850W 700S	nd
850W 675S	20
850W 650S	15
850W 625S	15
850W 600S	5
850W 575S	5
850W 550S	20
850W 525S	15
850W 500S	5
850W 475S	5
850W 450S	5
850W 425S	5
850W 400S	5
850W 375S	5
850W 350S	10
850W 325S	5
850W 300S	5
850W 275S	nd
850W 250S	10
850W 225S	nd
850W 200S	10
850W 175S	5
850W 125S	10
850W 100S	20
850W 75S	10
850W 50S	10
850W 25S	10
850W 0+00N	10
850W 0+25N	20
850W 0+50N	10
850W 0+75N	5
850W 1+00N	10
850W 1+25N	10
850W 1+50N	10
850W 1+75N	5
850W 2+00N	nd
850W 2+25N	nd
DETECTION LIMIT	5

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PREPARED FOR: RAM EXPLORATION LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-124 JOB NUMBER: 84612

PAGE 7 OF 10

SAMPLE #	Au ppb
850W 2+50N	nd
850W 2+75N	nd
850W 3+00N	nd
850W 3+25N	5
850W 3+50N	10
850W 3+75N	10
850W 4+00N	nd
9+50E 0+75S	nd
9+50E 1+00S	nd
9+50E 1+25S	10
9+50E 1+50S	5
9+50E 1+75S	nd
9+50E 2+50S	10
9+50E 3+00S	nd
9+50E 3+25S	nd
9+50E 3+75S	10
9+50E 4+00S	nd
9+50E 4+25S	nd
9+50E 4+50S	10
9+50E 4+75S	5
9+50E 5+00S	5
9+50E 5+25S	10
9+50E 5+50S	10
9+50E 6+00S	5
9+50E 6+25S	10
11+00E 0+00S	5
11+00E 0+25S	5
11+00E 0+50S	15
11+00E 0+75S	40
11+00E 1+00S	10
11+00E 1+25S	10
11+00E 1+50S	30
11+00E 2+00S	30
11+00E 2+25S	15
11+00E 2+50S	10
11+00E 2+75S	nd
11+00E 3+00S	nd
11+00E 3+50S	nd
11+00E 3+75S	5
DETECTION LIMIT	5

VANGECHEM LAB LIMITED
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PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
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: is = insufficient sample

REPORT NUMBER: 84-01-124 JOB NUMBER: 84612

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SAMPLE #	Au ppb
11+00E 4+00S	nd
11+00E 4+25S	5
11+00E 4+50S	10
11+00E 4+75S	20
11+00E 5+00S	5
11+00E 5+25S	nd
11+00E 6+25S	10
1250E 75S	10
1250E 100S	nd
1250E 125S	20
1250E 150S	nd
1250E 175S	nd
1250E 200S	10
1250E 225S	5
1250E 250S	10
1250E 275S	10
1250E 300S	5
1250E 350S	5
1250E 375S	5
1250E 400S	15
1250E 450S	30
1250E 475S	60
1250E 625S	50
14+00E 025S	30
14+00E 050S	105
14+00E 075S	660
14+00E 100S	nd
14+00E 125S	nd
14+00E 150S	20
14+00E 175S	nd
14+00E 200S	10
14+00E 225S	5
14+00E 250S	25
14+00E 275S	nd
14+00E 300S	15
14+00E 350S	nd
14+00E 375S	20
14+00E 400S	15
14+00E 425S	5
DETECTION LIMIT	5

VANGEOCHEM LAB LIMITED
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PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-124 JOB NUMBER: 84612

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SAMPLE #	Au ppb
1550E 0+00S	10
1550E 0+25S	20
1550E 0+50S	10
1550E 0+75S	10
1550E 1+00S	5
1550E 1+25S	5
1550E 1+50S	nd
1550E 3+75S	10
1550E 5+00S	5
1550E 5+75S	10
1550E 6+00S	5
17+00E 0+00S	5
17+00E 0+25S	5
17+00E 0+50S	5
17+00E 0+75S	5
17+00E 1+00S	5
17+00E 1+25S	nd
17+00E 1+50S	5
17+00E 1+75S	30
17+00E 2+00S	10
17+00E 2+50S	5
17+00E 2+75S	15
17+00E 3+00S	10
17+00E 3+25S	20
17+00E 3+50S	10
17+00E 3+75S	10
17+00E 4+00S	5
17+00E 4+25S	10
17+00E 5+00S	10
17+00E 5+25S	5
17+00E 5+50S	5
17+00E 5+75S	10
17+00E 6+00S	10
17+00E 6+25S	5
18+50E 0+00S	10
18+50E 0+25S	5
18+50E 0+50S	nd
18+50E 0+75S	10
18+50E 1+00S	40
DETECTION LIMIT	5

VANGEOCHEM LAB LIMITED
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PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-124 JOB NUMBER: 84612

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SAMPLE #	Au ppb
18+50E 1+25S	5
18+50E 1+50S	5
18+50E 1+75S	nd
18+50E 2+00S	35
18+50E 2+25S	nd
18+50E 2+50S	10
18+50E 2+75S	5
18+50E 3+00S	nd
18+50E 3+25S	15
18+50E 3+50S	20
18+50E 3+75S	10
20+00E 0+00S	5
20+00E 0+25S	15
20+00E 0+50S	nd
20+00E 0+75S	nd
20+00E 1+00S	10
20+00E 1+25S	5
20+00E 1+50S	15
20+00E 1+75S	10
20+00E 2+00S	5
20+00E 2+25S	nd
20+00E 2+50S	nd
20+00E 2+75S	35
20+00E 3+00S	25
20+00E 6+25S	5
200E 0+00S	nd
DETECTION LIMIT	5

VANGEOCHEM LAB LIMITED

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PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
 : -- = not analysed
 : is = insufficient sample

REPORT NUMBER: 84-01-130

JOB NUMBER: 84651

PAGE 1 OF 5

SAMPLE #	Cu ppm	As ppm	Sb ppm
200E 0+25N	20	2	--
200E 0+50N	14	nd	--
200E 0+75N	13	nd	--
200E 1+00N	76	2	--
200E 1+25N	51	2	--
200E 1+50N	175	2	--
200E 1+75N	370	nd	--
200E 2+00N	76	4	--
200E 2+25N	85	2	--
200E 2+50N	40	2	--
200E 2+75N	29	4	--
200E 3+00N	34	4	--
500E 0+25N	770	nd	nd
500E 0+50N	860	nd	nd
500E 0+75N	47	4	nd
500E 1+00N	20	4	nd
500E 1+25N	36	4	3
500E 1+50N	26	4	5
500E 1+75N	41	4	nd
500E 2+25N	54	4	nd
500E 2+50N	20	4	nd
500E 2+75N	20	4	nd
500E 3+00N	24	4	nd
500E 3+25N	56	10	nd
650E 0+25N	70	2	nd
650E 0+50N	56	2	nd
650E 0+75N	35	nd	nd
650E 1+00N	15	nd	nd
650E 1+25N	15	nd	nd
650E 1+50N	20	4	nd
650E 1+75N	14	4	nd
650E 2+00N	10	2	nd
650E 2+25N	76	10	nd
650E 2+50N	27	10	nd
650E 2+75N	17	4	nd
650E 3+00N	30	10	nd
650E 3+25N	15	10	nd
650E 3+50N	14	10	nd
800E 0+25N	20	2	nd
DETECTION LIMIT	1	2	1

VANGOCHEM LAB LIMITED
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 (604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
 : -- = not analysed
 : is = insufficient sample

REPORT NUMBER: 84-01-130

JOB NUMBER: 84651

PAGE 2 OF 5

SAMPLE #	Cu ppm	As ppm	Sb ppm
800E 0+50N	8	nd	nd
800E 0+75N	120	nd	nd
800E 1+00N	41	nd	nd
800E 1+25N	20	nd	nd
800E 1+50N	119	2	nd
800E 1+75N	22	2	9
800E 2+00N	52	nd	nd
800E 2+25N	81	nd	nd
800E 2+50N	65	nd	nd
800E 2+75N	69	2	nd
800E 3+00N	50	15	nd
800E 3+25N	76	30	nd
800E 3+50N	32	30	nd
950E 0+25N	80	2	nd
950E 0+50N	125	2	nd
950E 0+75N	114	4	nd
950E 1+00N	115	4	nd
950E 1+25N	42	2	nd
950E 1+50N	125	4	3
950E 1+75N	75	4	nd
950E 2+00N	95	2	nd
950E 2+25N	77	4	nd
950E 2+50N	103	4	nd
950E 2+75N	74	2	nd
950E 3+00N	49	20	nd
950E 3+25N	52	20	nd
950E 3+50N	44	15	nd
1+00W 0+00N	139	2	--
1+00W 0+25N	75	2	--
1+00W 0+75N	91	nd	--
1+00W 1+00N	40	2	--
1+00W 1+25N	40	2	--
1+00W 1+50N	75	2	--
1+00W 1+75N	294	2	--
1+00W 2+00N	700	2	--
1+00W 2+25N	156	10	--
1+00W 2+50N	310	4	--
1+00W 2+75N	150	4	--
1+00W 3+00N	190	4	--
DETECTION LIMIT	1	2	1

VANGOCHEM LAB LIMITED

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PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
 : -- = not analysed
 : is = insufficient sample

REPORT NUMBER: 84-01-130

JOB NUMBER: 84651

PAGE 3 OF 5

SAMPLE #	Cu ppm	As ppm	Sb ppm
1+00W 3+25N	190	2	--
1+00W 3+50N	254	2	--
1+00W 3+75N	44	4	--
1+00W 4+00N	17	4	--
1+00W 4+25N	120	4	--
1+00W 4+50N	255	4	--
1+00W 4+75N	45	2	--
1+00W 5+00N	15	2	--
1+00W 5+25N	34	2	--
1+00W 5+50N	27	4	--
1+00W 5+75N	10	4	--
1+00W 6+00N	15	2	--
1+00W 6+25N	21	2	--
1+00W 6+50N	10	15	--
1+00W 6+75N	75	10	--
1+00W 7+00N	35	10	--
1+00W 7+25N	13	10	--
2+50W 0+00N	50	4	--
2+50W 0+25N	29	4	--
2+50W 0+50N	47	10	--
2+50W 0+75N	15	2	--
2+50W 1+00N	313	nd	--
2+50W 1+25N	460	nd	--
2+50W 1+50N	285	nd	--
2+50W 1+75N	209	nd	--
2+50W 2+00N	182	2	--
2+50W 2+25N	620	nd	--
2+50W 2+50N	81	2	--
2+50W 2+75N	55	nd	--
2+50W 3+00N	20	2	--
2+50W 3+25N	129	2	--
2+50W 3+50N	199	nd	--
2+50W 3+75N	265	nd	--
2+50W 4+00N	55	2	--
2+50W 4+25N	57	4	--
2+50W 4+50N	72	2	--
2+50W 4+75N	46	2	--
2+50W 5+00N	5	nd	--
2+50W 5+25N	93	2	--
DETECTION LIMIT	1	2	1

VANGECHEM LAB LIMITED
 1521 Pemberton Avenue
 North Vancouver B.C. V7P 2S3
 (604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
 : -- = not analysed
 : is = insufficient sample

REPORT NUMBER: 84-01-130

JOB NUMBER: 84651

PAGE 4 OF 5

SAMPLE #	Cu ppm	As ppm	Sb ppm
2+50W 5+75N	95	2	--
2+50W 6+00N	15	2	--
2+50W 6+25N	14	2	--
2+50W 6+50N	19	4	--
2+50W 6+75N	5	2	--
4+00W 0+00N	25	2	--
4+00W 0+25N	15	nd	--
4+00W 0+50N	43	nd	--
4+00W 0+75N	25	10	--
4+00W 1+00N	46	2	--
4+00W 1+25N	74	10	--
4+00W 1+50N	16	2	--
4+00W 1+75N	194	2	--
4+00W 2+00N	75	4	--
4+00W 2+25N	336	2	--
4+00W 2+50N	244	nd	--
4+00W 2+75N	65	2	--
4+00W 3+00N	90	2	--
4+00W 3+25N	13	2	--
4+00W 3+50N	24	2	--
4+00W 3+75N	16	4	--
4+00W 4+00N	64	4	--
4+00W 4+25N	52	10	--
4+00W 4+50N	17	2	--
4+00W 4+75N	49	nd	--
4+00W 5+00N	41	2	--
4+00W 5+25N	15	2	--
4+00W 5+50N	9	nd	--
4+00W 5+75N	8	2	--
4+00W 6+00N	22	2	--
4+00W 6+25N	9	2	--
4+00W 6+50N	19	4	--
4+00W 6+75N	10	2	--
4+00W 7+00N	22	2	--
4+00W 7+25N	25	10	--
4+00W 7+50N	22	2	--
4+00W 7+75N	25	10	--
4+00W 8+00N	12	10	--
4+00W 8+25N	9	10	--
DETECTION LIMIT	1	2	1

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NOTES: nd = none detected
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REPORT NUMBER: 84-01-130

JOB NUMBER: 84651

PAGE 5 OF 5

SAMPLE #	Cu ppm	As ppm	Sb ppm
4+00W 8+50N	15	4	--
4+00W 8+75N	20	2	--
4+00W 9+00N	18	4	--
4+00W 9+25N	25	4	--
4+00W 9+50N	16	4	--
4+00W 9+75N	31	4	--
4+00W 10+00N	12	2	--
4+00W 10+25N	6	nd	--
5+50W 0+00S	--	2	nd
5+50W 0+50S	--	2	nd
5+50W 1+00S	--	2	nd
5+50W 1+50S	--	4	nd
5+50W 2+00S	--	4	nd
5+50W 2+50S	--	2	nd
5+50W 3+00S	--	2	1
5+50W 3+50S	--	2	nd
5+50W 4+00S	--	nd	nd
5+50W 4+50S	--	4	nd
5+50W 5+00S	--	10	nd
5+50W 5+50S	--	4	nd
5+50W 6+00S	--	4	nd
5+50W 6+50S	--	2	7
5+50W 7+00S	--	2	nd
5+50W 7+50S	--	4	nd
5+50W 8+25S	--	2	3
5+50W 8+75S	--	4	nd
5+50W 9+25S	--	4	nd
5+50W 9+75S	--	4	nd
5+50W 10+25S	--	2	nd
DETECTION LIMIT	1	2	1

VANBEOCHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.
NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-135 JOB NUMBER: 84664

PAGE 1 OF 1

SAMPLE #	Cu ppm	As ppm
5+50W 0+00N	26	2
5+50W 0+25N	23	nd
5+50W 0+50N	38	2
5+50W 0+75N	15	nd
5+50W 1+00N	12	2
5+50W 1+25N	21	4
5+50W 1+50N	24	2
5+50W 1+75N	39	4
5+50W 2+00N	11	4
5+50W 2+25N	94	4
5+50W 2+50N	21	2
5+50W 2+75N	19	4
5+50W 3+00N	14	nd
5+50W 3+25N	26	2
5+50W 3+50N	48	4
5+50W 3+75N	35	2
5+50W 4+00N	54	15
5+50W 4+25N	6	10
5+50W 4+50N	29	2
5+50W 4+75N	42	2
5+50W 5+50N	36	10
5+50W 5+25N	34	nd
5+50W 5+50N	20	2
5+50W 5+75N	26	10
5+50W 6+00N	24	4
5+50W 6+25N	25	4
5+50W 6+50N	14	4
5+50W 6+75N	8	2
5+50W 7+00N	12	2
5+50W 7+25N	32	4
5+50W 7+50N	31	2
DETECTION LIMIT	1	2

VANGEOCHEM LAB LIMITED
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PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
 : -- = not analysed
 : is = insufficient sample

REPORT NUMBER: 84-01-133

JOB NUMBER: 84652

PAGE 1 OF 7

SAMPLE #	Cu ppm	As ppm	Sb ppm
50E 0+00S	--	2	nd
50E 0+50S	--	2	nd
50E 1+00S	--	4	nd
50E 1+50S	--	4	nd
50E 2+50S	--	nd	nd
50E 3+00S	--	nd	nd
50E 3+50S	--	nd	nd
50E 4+00S	--	2	nd
50E 5+00S	--	4	nd
1+00W 0+50S	--	nd	1
100W 0+25S	--	4	nd
100W 0+75S	--	2	3
100W 1+25S	--	2	nd
100W 2+00S	--	nd	nd
200E 1+00S	--	2	4
200E 1+50S	--	4	nd
200E 2+00S	--	4	nd
200E 2+50S	--	2	nd
200E 3+00S	--	4	nd
200E 3+50S	--	2	nd
200E 4+00S	--	nd	nd
200E 4+75S	--	nd	2
2+50W 0+25S	--	2	nd
2+50W 0+75S	--	10	nd
2+50W 1+50S	--	4	nd
2+50W 2+00S	--	nd	nd
2+50W 2+50S	--	nd	nd
2+50W 3+00S	--	2	nd
2+50W 4+50S	--	4	nd
2+50W 5+00S	--	nd	nd
2+50W 6+25S	--	10	nd
3+50E 1+25S	--	nd	nd
3+50E 2+25S	--	2	nd
3+50E 3+25S	--	2	2
3+50E 3+75S	--	2	nd
3+50E 4+25S	--	2	8
3+50E 4+75S	--	nd	nd
3+50E 5+25S	--	nd	nd
4+00W 0+50S	--	4	3
DETECTION LIMIT	1	2	1

VANGOCHEM LAB LIMITED
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REPORT NUMBER: 84-01-133

JOB NUMBER: 84652

PAGE 2 OF 7

SAMPLE #	Cu ppm	As ppm	Sb ppm
4+00W 1+25S	--	2	nd
4+00W 1+75S	--	nd	nd
4+00W 2+25S	--	nd	nd
4+00W 2+75S	--	nd	nd
4+00W 3+50S	--	nd	nd
4+00W 4+25S	--	nd	7
4+00W 5+25S	--	2	nd
4+00W 5+75S	--	2	2
5+00E 0+25S	--	nd	nd
5+00E 0+75S	--	nd	nd
5+00E 2+00S	--	2	nd
5+00E 2+50S	--	4	nd
5+00E 3+25S	--	4	nd
5+00E 4+25S	--	2	nd
5+00E 4+75S	--	nd	nd
5+00E 5+25S	--	nd	5
650E 0+50S	--	2	nd
650E 1+00S	--	4	nd
650E 2+25S	--	2	nd
650E 2+75S	--	2	1
650E 3+25S	--	2	nd
650E 3+75S	--	10	8
650E 4+25S	--	nd	nd
650E 6+25S	--	2	nd
700W 575S	--	2	nd
700W 525S	--	nd	nd
700W 475S	--	2	nd
700W 425S	--	2	nd
700W 375S	--	2	nd
700W 325S	--	2	3
700W 275S	--	2	nd
700W 225S	--	nd	nd
700W 175S	--	nd	nd
700W 125S	--	2	nd
700W 075S	--	2	nd
700W 025S	--	2	nd
7+00W 0+25N	21	2	--
7+00W 1+75N	14	2	--
7+00W 1+25N	60	4	--
DETECTION LIMIT	1	2	1

VANGEOCHEM LAB LIMITED
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REPORT NUMBER: 84-01-133

JOB NUMBER: 84652

PAGE 3 OF 7

SAMPLE #	Cu ppm	As ppm	Sb ppm
7+00W 1+75N	20	2	--
7+00W 2+25N	11	2	--
7+00W 2+75N	9	nd	--
7+00W 3+25N	13	10	--
7+00W 3+75N	35	4	--
7+00W 4+25N	25	2	--
7+00W 4+75N	35	2	--
7+00W 5+25N	295	10	--
7+00W 5+75N	10	2	--
7+00W 6+25N	21	4	--
7+00W 6+75N	20	2	--
7+00W 7+25N	11	nd	--
800E 0+50S	--	10	nd
800E 1+00S	--	2	nd
800E 1+50S	--	2	nd
800E 2+75S	--	4	nd
800E 3+50S	--	2	nd
800E 4+00S	--	nd	nd
800E 6+25S	--	4	nd
850W 775S	--	4	nd
850W 725S	--	2	nd
850W 675S	--	2	2
850W 625S	--	nd	4
850W 575S	--	2	nd
850W 525S	--	nd	nd
850W 475S	--	2	nd
850W 425S	--	nd	nd
850W 375S	--	2	nd
850W 325S	--	nd	nd
850W 275S	--	2	nd
850W 225S	--	nd	nd
850W 175S	--	10	nd
850W 100S	--	4	nd
850W 50S	--	4	nd
850W 0+25N	89	10	--
850W 0+75N	35	10	--
850W 1+25N	15	2	--
850W 1+75N	18	nd	--
850W 2+25N	42	20	--
DETECTION LIMIT	1	2	1

VANGOCHEM LAB LIMITED
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REPORT NUMBER: 84-01-133

JOB NUMBER: 84652

PAGE 4 OF 7

SAMPLE #	Cu ppm	As ppm	Sb ppm
850W 2+75N	21	4	--
850W 3+25N	15	4	--
850W 3+75N	9	2	--
9+50E 0+75S	--	4	nd
9+50E 1+00S	--	4	nd
9+50E 1+25S	--	4	nd
9+50E 1+50S	--	4	nd
9+50E 1+75S	--	2	nd
9+50E 2+50S	--	nd	nd
9+50E 3+00S	--	2	nd
9+50E 3+25S	--	2	nd
9+50E 3+75S	--	nd	6
9+50E 4+00S	--	nd	nd
9+50E 4+25S	--	nd	nd
9+50E 4+50S	--	nd	nd
9+50E 4+75S	--	2	nd
9+50E 5+00S	--	nd	nd
9+50E 5+25S	--	nd	nd
9+50E 5+50S	--	2	nd
9+50E 6+00S	--	2	nd
9+50E 6+25S	--	4	nd
11+00E 0+00S	40	4	nd
11+00E 0+25S	45	2	nd
11+00E 0+50S	16	2	2
11+00E 0+75S	23	10	nd
11+00E 1+00S	10	2	nd
11+00E 1+25S	19	2	nd
11+00E 1+50S	24	2	nd
11+00E 2+00S	41	2	nd
11+00E 2+25S	19	2	nd
11+00E 2+50S	67	10	nd
11+00E 2+75S	30	2	nd
11+00E 3+00S	25	nd	2
11+00E 3+50S	76	10	nd
11+00E 3+75S	95	30	nd
11+00E 4+00S	25	15	nd
11+00E 4+25S	16	2	nd
11+00E 4+50S	34	2	nd
11+00E 4+75S	10	nd	nd
DETECTION LIMIT	1	2	1

VANGECHEM LAB LIMITED
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REPORT NUMBER: 84-01-133

JOB NUMBER: 84652

PAGE 5 OF 7

SAMPLE #	Cu ppm	As ppm	Sb ppm
11+00E 5+00S	11	nd	nd
11+00E 5+25S	10	2	nd
11+00E 6+25S	23	2	nd
1250E 75S	57	2	nd
1250E 100S	44	4	nd
1250E 125S	40	4	nd
1250E 150S	34	4	nd
1250E 175S	45	4	nd
1250E 200S	74	2	nd
1250E 225S	28	nd	nd
1250E 250S	16	4	nd
1250E 275S	10	2	nd
1250E 300S	106	4	nd
1250E 350S	35	2	nd
1250E 375S	18	4	nd
1250E 400S	49	10	nd
1250E 450S	67	4	nd
1250E 475S	16	4	nd
1250E 625S	70	2	nd
14+00E 025S	45	40	nd
14+00E 050S	45	50	nd
14+00E 075S	39	60	nd
14+00E 100S	15	2	nd
14+00E 125S	23	10	nd
14+00E 150S	56	4	nd
14+00E 175S	24	2	nd
14+00E 200S	40	4	nd
14+00E 225S	51	4	nd
14+00E 250S	33	2	nd
14+00E 275S	76	2	3
14+00E 300S	21	2	nd
14+00E 350S	75	2	5
14+00E 375S	46	2	4
14+00E 400S	28	4	nd
14+00E 425S	54	4	nd
1550E 0+00S	60	10	nd
1550E 0+25S	91	10	nd
1550E 0+50S	32	2	nd
1550E 0+75S	11	2	nd
DETECTION LIMIT	1	2	1

VANGECHEM LAB LIMITED
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REPORT NUMBER: 84-01-133

JOB NUMBER: 84652

PAGE 6 OF 7

SAMPLE #	Cu ppm	As ppm	Sb ppm
1550E 1+00S	41	2	nd
1550E 1+25S	49	nd	nd
1550E 1+50S	51	nd	nd
1550E 3+75S	40	2	1
1550E 5+00S	25	4	nd
1550E 5+75S	22	4	nd
1550E 6+00S	26	4	nd
17+00E 0+00S	--	nd	nd
17+00E 0+25S	--	4	nd
17+00E 0+50S	--	4	nd
17+00E 0+75S	--	2	nd
17+00E 1+00S	--	nd	nd
17+00E 1+25S	--	nd	4
17+00E 1+50S	--	4	nd
17+00E 1+75S	--	4	nd
17+00E 2+00S	--	10	nd
17+00E 2+50S	--	4	nd
17+00E 2+75S	--	2	nd
17+00E 3+00S	--	2	nd
17+00E 3+25S	--	nd	nd
17+00E 3+50S	--	2	nd
17+00E 3+75S	--	2	nd
17+00E 4+00S	--	2	nd
17+00E 4+25S	--	4	nd
17+00E 5+00S	--	2	nd
17+00E 5+25S	--	nd	nd
17+00E 5+50S	--	4	nd
17+00E 5+75S	--	10	nd
17+00E 6+00S	--	2	nd
17+00E 6+25S	--	4	nd
18+50E 0+00S	--	nd	nd
18+50E 0+25S	--	4	nd
18+50E 0+50S	--	2	nd
18+50E 0+75S	--	4	nd
18+50E 1+00S	--	4	1
18+50E 1+25S	--	2	1
18+50E 1+50S	--	4	nd
18+50E 1+75S	--	4	nd
18+50E 2+00S	--	4	nd
DETECTION LIMIT	1	2	1

VANSEDICHEM LAB LIMITED
1521 Pemberton Avenue
North Vancouver B.C. V7P 2S3
(604) 986-5211 Telex: 04-352578

PREPARED FOR: RAM EXPLORATION LTD.

NOTES: nd = none detected
: -- = not analysed
: is = insufficient sample

REPORT NUMBER: 84-01-133

JOB NUMBER: 84652

PAGE 7 OF 7

SAMPLE #	Cu ppm	As ppm	Sb ppm
18+50E 2+25S	--	2	nd
18+50E 2+50S	--	2	nd
18+50E 2+75S	--	2	nd
18+50E 3+00S	--	2	nd
18+50E 3+25S	--	4	nd
18+50E 3+50S	--	4	nd
18+50E 3+75S	--	25	nd
20+00E 0+00S	--	4	nd
20+00E 0+25S	--	4	nd
20+00E 0+50S	--	2	nd
20+00E 0+75S	--	2	nd
20+00E 1+00S	--	10	nd
20+00E 1+25S	--	4	nd
20+00E 1+50S	--	10	nd
20+00E 1+75S	--	2	nd
20+00E 2+00S	--	2	nd
20+00E 2+25S	--	4	nd
20+00E 2+50S	--	4	nd
20+00E 2+75S	--	2	nd
20+00E 3+00S	--	4	nd
20+00E 6+25S	--	4	nd
200E 0+00S	--	2	nd
DETECTION LIMIT	1	2	1



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 84-01-121

JOB NUMBER: 84682

RAM EXPLORATION LTD.

PAGE 1 OF 1

SAMPLE #	Sb/ANS	Sb/ICP
	ppm	ppm
#1	7420	6380
#2	46	43
#3	5325	5500
#4	14	39
#5	13	37
#6	nd	nd
L12+50E 75S	nd	5
L12+50E 100S	nd	5
L12+50E 125S	nd	8
L12+50E 150S	nd	9
L14+00E 25S	nd	34
L14+00E 50S	nd	42
L14+00E 75E	nd	41
L14+00E 100S	nd	7
L14+00E 125S	nd	4
L14+00E 150S	nd	7

DETECTION LIMIT

1 1

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-073-004

JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 1 OF 12

SAMPLE #	I.C.P. Sb
50E 0+00S	nd
50E 0+50S	nd
50E 1+00S	nd
50E 1+50S	nd
50E 2+50S	nd
50E 3+00S	nd
50E 3+50S	nd
50E 4+00S	nd
50E 5+00S	nd
1+00W 0+50S	nd
100W 0+25S	nd
100W 0+75S	nd
100W 1+25S	nd
100W 2+00S	nd
200E 1+00S	nd
200E 1+50S	nd
200E 2+00S	nd
200E 2+50S	nd
200E 3+00S	nd
200E 3+50S	nd
200E 4+00S	nd
200E 4+75S	nd
2+50W 0+25S	nd
2+50W 0+75S	nd
2+50W 1+50S	nd
2+50W 2+00S	nd
2+50W 2+50S	nd
2+50W 3+00S	nd
2+50W 4+50S	nd
2+50W 5+00S	nd
2+50W 6+25S	nd
3+50E 1+25S	nd
3+50E 2+25S	nd
3+50E 3+25S	nd
3+50E 3+75S	nd
3+50E 4+25S	nd
3+50E 4+75S	nd
3+50E 5+25S	nd
4+00W 0+50S	nd

DETECTION LIMIT

1

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-073-004

JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 2 OF 12

SAMPLE #	I.C.P.
	Sb
	ppm
4+00W 1+25S	nd
4+00W 1+75S	nd
4+00W 2+25S	nd
4+00W 2+75S	nd
4+00W 3+50S	nd
4+00W 4+25S	nd
4+00W 5+25S	nd
4+00W 5+75S	nd
5+00E 0+25S	5
5+00E 0+75S	4
5+00E 2+00S	nd
5+00E 2+50S	nd
5+00E 3+25S	nd
5+00E 4+25S	nd
5+00E 4+75S	nd
5+00E 5+25S	nd
650E 0+50S	nd
650E 1+00S	nd
650E 2+25S	nd
650E 2+75S	nd
650E 3+25S	nd
650E 3+75S	nd
650E 4+25S	nd
650E 6+25S	nd
700W 575S	nd
700W 525S	nd
700W 475S	nd
700W 425S	nd
700W 375S	nd
700W 325S	nd
700W 275S	nd
700W 225S	nd
700W 175S	nd
700W 125S	nd
700W 075S	nd
700W 025S	nd
7+00W 0+25N	nd
7+00W 1+75N	nd
7+00W 1+25N	nd

} Sb not analyzed by AAS

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1

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JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 3 OF 12

SAMPLE #	I.C.P. Sb
7+00W 1+75N	nd
7+00W 2+25N	nd
7+00W 2+75N	nd
7+00W 3+25N	nd
7+00W 3+75N	nd
7+00W 4+25N	nd
7+00W 4+75N	nd
7+00W 5+25N	nd
7+00W 5+75N	nd
7+00W 6+25N	nd
7+00W 6+75N	nd
7+00W 7+25N	nd
800E 0+50S	nd
800E 1+00S	nd
800E 1+50S	nd
800E 2+75S	nd
800E 3+50S	nd
800E 4+00S	nd
800E 6+25S	nd
850W 775S	nd
850W 725S	nd
850W 675S	nd
850W 625S	nd
850W 575S	nd
850W 525S	nd
850W 475S	nd
850W 425S	nd
850W 375S	nd
850W 325S	nd
850W 275S	nd
850W 225S	nd
850W 175S	nd
850W 100S	nd
850W 50S	nd
850W 0+25N	nd
850W 0+75N	nd
850W 1+25N	nd
850W 1+75N	nd
850W 2+25N	nd

Sb not analyzed by AAS

Sb not analyzed by AAS

DETECTION LIMIT

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JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 4 OF 12

SAMPLE #	I.C.P. Sb ppm
850W 2+75N	nd
850W 3+25N	nd
850W 3+75N	nd
9+50E 0+75S	nd
9+50E 1+00S	nd
9+50E 1+25S	nd
9+50E 1+50S	nd
9+50E 1+75S	nd
9+50E 2+50S	nd
9+50E 3+00S	nd
9+50E 3+25S	nd
9+50E 3+75S	nd
9+50E 4+00S	nd
9+50E 4+25S	nd
9+50E 4+50S	nd
9+50E 4+75S	nd
9+50E 5+00S	nd
9+50E 5+25S	nd
9+50E 5+50S	nd
9+50E 6+00S	nd
9+50E 6+25S	nd
11+00E 0+00S	nd
11+00E 0+25S	nd
11+00E 0+50S	nd
11+00E 0+75S	6
11+00E 1+00S	nd
11+00E 1+25S	nd
11+00E 1+50S	nd
11+00E 2+00S	nd
11+00E 2+25S	nd
11+00E 2+50S	nd
11+00E 2+75S	nd
11+00E 3+00S	nd
11+00E 3+50S	nd
11+00E 3+75S	nd
11+00E 4+00S	nd
11+00E 4+25S	nd
11+00E 4+50S	3
11+00E 4+75S	nd

} Sb not analyzed by AAS

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BRANCH OFFICE
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(604) 251-5656

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JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 5 OF 12

SAMPLE #	I.C.P.
	Sb
	ppm
11+00E 5+00S	nd
11+00E 5+25S	nd
11+00E 6+25S	nd
1250E 75S	nd
1250E 100S	nd
1250E 125S	nd
1250E 150S	3
1250E 175S	8
1250E 200S	3
1250E 225S	nd
1250E 250S	nd
1250E 275S	nd
1250E 300S	nd
1250E 350S	nd
1250E 375S	nd
1250E 400S	nd
1250E 450S	nd
1250E 475S	nd
1250E 625S	nd
14+00E 025S	37
14+00E 050S	42
14+00E 075S	50
14+00E 100S	3
14+00E 125S	4
14+00E 150S	3
14+00E 175S	nd
14+00E 200S	3
14+00E 225S	nd
14+00E 250S	nd
14+00E 275S	nd
14+00E 300S	nd
14+00E 350S	nd
14+00E 375S	nd
14+00E 400S	nd
14+00E 425S	nd
1550E 0+00S	13
1550E 0+25S	8
1550E 0+50S	nd
1550E 0+75S	nd

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JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 6 OF 12

SAMPLE #	I.C.P. Sb ppm
1550E 1+00S	nd
1550E 1+25S	nd
1550E 1+50S	nd
1550E 3+75S	nd
1550E 5+00S	nd
1550E 5+75S	nd
1550E 6+00S	nd
17+00E 0+00S	nd
17+00E 0+25S	nd
17+00E 0+50S	nd
17+00E 0+75S	nd
17+00E 1+00S	nd
17+00E 1+25S	nd
17+00E 1+50S	nd
17+00E 1+75S	nd
17+00E 2+00S	nd
17+00E 2+50S	nd
17+00E 2+75S	nd
17+00E 3+00S	nd
17+00E 3+25S	nd
17+00E 3+50S	nd
17+00E 3+75S	nd
17+00E 4+00S	nd
17+00E 4+25S	nd
17+00E 5+00S	nd
17+00E 5+25S	nd
17+00E 5+50S	nd
17+00E 5+75S	nd
17+00E 6+00S	nd
17+00E 6+25S	nd
18+50E 0+00S	nd
18+50E 0+25S	nd
18+50E 0+50S	nd
18+50E 0+75S	nd
18+50E 1+00S	10
18+50E 1+25S	nd
18+50E 1+50S	nd
18+50E 1+75S	nd
18+50E 2+00S	nd

DETECTION LIMIT

1

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1630 PANDORA ST.
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(604) 251-5656

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JOB NUMBER: 85005

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PAGE 7 OF 12

SAMPLE #	i.c.f.
	Sb
	opm
18+50E 2+25S	nd
18+50E 2+50S	nd
18+50E 2+75S	nd
18+50E 3+00S	nd
18+50E 3+25S	nd
18+50E 3+50S	nd
18+50E 3+75S	nd
20+00E 0+00S	nd
20+00E 0+25S	nd
20+00E 0+50S	nd
20+00E 0+75S	nd
20+00E 1+00S	nd
20+00E 1+25S	nd
20+00E 1+50S	nd
20+00E 1+75S	nd
20+00E 2+00S	nd
20+00E 2+25S	nd
20+00E 2+50S	nd
20+00E 2+75S	nd
20+00E 3+00S	nd
20+00E 6+25S	nd
200E 0+00S	nd
200E 0+25N	nd
200E 0+50N	nd
200E 0+75N	nd
200E 1+00N	nd
200E 1+25N	nd
200E 1+50N	nd
200E 1+75N	nd
200E 2+00N	nd
200E 2+25N	nd
200E 2+50N	nd
200E 2+75N	nd
200E 3+00N	nd
500E 0+25N	nd
500E 0+50N	nd
500E 0+75N	nd
500E 1+00N	nd
500E 1+25N	nd

Sb not analyzed by AAS

DETECTION LIMIT

1

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(604) 251-5656

REPORT NUMBER: 85-073-004

JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 8 OF 12

SAMPLE #	i.c.p. Sb ppm
500E 1+50N	nd
500E 1+75N	nd
500E 2+25N	nd
500E 2+50N	nd
500E 2+75N	nd
500E 3+00N	nd
500E 3+25N	nd
650E 0+25N	nd
650E 0+50N	nd
650E 0+75N	nd
650E 1+00N	nd
650E 1+25N	nd
650E 1+50N	nd
650E 1+75N	nd
650E 2+00N	nd
650E 2+25N	nd
650E 2+50N	nd
650E 2+75N	nd
650E 3+00N	nd
650E 3+25N	nd
650E 3+50N	nd
800E 0+25N	nd
800E 0+50N	nd
800E 0+75N	nd
800E 1+00N	nd
800E 1+25N	nd
800E 1+50N	nd
800E 1+75N	nd
800E 2+00N	nd
800E 2+25N	nd
800E 2+50N	nd
800E 2+75N	nd
800E 3+00N	nd
800E 3+25N	nd
800E 3+50N	nd
950E 0+25N	nd
950E 0+50N	nd
950E 0+75N	nd
950E 1+00N	nd

DETECTION LIMIT

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(604) 251-5656

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JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 9 OF 12

SAMPLE #	I.C.P. Sb ppm
950E 1+25N	nd
950E 1+50N	nd
950E 1+75N	nd
950E 2+00N	nd
950E 2+25N	nd
950E 2+50N	nd
950E 2+75N	nd
950E 3+00N	nd
950E 3+25N	nd
950E 3+50N	nd
1+00W 0+00N	nd
1+00W 0+25N	nd
1+00W 0+75N	nd
1+00W 1+00N	nd
1+00W 1+25N	nd
1+00W 1+50N	nd
1+00W 1+75N	nd
1+00W 2+00N	nd
1+00W 2+25N	nd
1+00W 2+50N	nd
1+00W 2+75N	nd
1+00W 3+00N	nd
1+00W 3+25N	nd
1+00W 3+50N	nd
1+00W 3+75N	nd
1+00W 4+00N	nd
1+00W 4+25N	nd
1+00W 4+50N	nd
1+00W 4+75N	nd
1+00W 5+00N	nd
1+00W 5+25N	nd
1+00W 5+50N	nd
1+00W 5+75N	nd
1+00W 6+00N	nd
1+00W 6+25N	nd
1+00W 6+50N	nd
1+00W 6+75N	nd
1+00W 7+00N	nd
1+00W 7+25N	nd

Sb not analyzed by AAS

DETECTION LIMIT

1

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JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 10 OF 12

SAMPLE #	I.C.P. Sb dpm
2+50W 0+00N	nd
2+50W 0+25N	5
2+50W 0+50N	4
2+50W 0+75N	4
2+50W 1+00N	4
2+50W 1+25N	3
2+50W 1+50N	nd
2+50W 1+75N	4
2+50W 2+00N	4
2+50W 2+25N	6
2+50W 2+50N	nd
2+50W 2+75N	nd
2+50W 3+00N	nd
2+50W 3+25N	nd
2+50W 3+50N	nd
2+50W 3+75N	nd
2+50W 4+00N	nd
2+50W 4+25N	nd
2+50W 4+50N	nd
2+50W 4+75N	nd
2+50W 5+00N	3
2+50W 5+25N	3
2+50W 5+75N	nd
2+50W 6+00N	nd
2+50W 6+25N	nd
2+50W 6+50N	4
2+50W 6+75N	3
4+00W 0+00N	nd
4+00W 0+25N	nd
4+00W 0+50N	nd
4+00W 0+75N	nd
4+00W 1+00N	nd
4+00W 1+25N	nd
4+00W 1+50N	nd
4+00W 1+75N	3
4+00W 2+00N	nd
4+00W 2+25N	3
4+00W 2+50N	nd
4+00W 2+75N	nd

Sb not analyzed by AAS

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JOB NUMBER: 85005

RAM EXPLORATION LTD.

PAGE 11 OF 12

SAMPLE #	I.C.P. Sb
4+00W 3+00N	3
4+00W 3+25N	nd
4+00W 3+50N	3
4+00W 3+75N	nd
4+00W 4+00N	3
4+00W 4+25N	12
4+00W 4+50N	3
4+00W 4+75N	3
4+00W 5+00N	nd
4+00W 5+25N	nd
4+00W 5+50N	nd
4+00W 5+75N	3
4+00W 6+00N	4
4+00W 6+25N	nd
4+00W 6+50N	nd
4+00W 6+75N	3
4+00W 7+00N	nd
4+00W 7+25N	nd
4+00W 7+50N	nd
4+00W 7+75N	nd
4+00W 8+00N	3
4+00W 8+25N	3
4+00W 8+50N	3
4+00W 8+75N	4
4+00W 9+00N	4
4+00W 9+25N	6
4+00W 9+50N	nd
4+00W 9+75N	3
4+00W 10+00N	nd
4+00W 10+25N	nd
5+50W 0+00S	3
5+50W 0+50S	nd
5+50W 1+00S	3
5+50W 1+50S	nd
5+50W 2+00S	5
5+50W 2+50S	nd
5+50W 3+00S	nd
5+50W 3+50S	nd
5+50W 4+00S	3

Sb not analyzed by AAS

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RAM EXPLORATION LTD.

PAGE 12 OF 12

SAMPLE #	I.C.P. Sb
	DDM
5+50W 4+50S	nd
5+50W 5+00S	nd
5+50W 5+50S	nd
5+50W 6+00S	nd
5+50W 6+50S	nd
5+50W 7+00S	nd
5+50W 7+50S	nd
5+50W 8+25S	nd
5+50W 8+75S	nd
5+50W 9+25S	nd
5+50W 9+75S	nd
5+50W 10+25S	nd
L 005	17
L 006	446
L 007	>10%
L 008	>10%
Y 009	191
Y 012	36
Y 014	15
Y 016	5
Y 017	nd
D 004	nd
D 008	nd

} Sb not analyzed by AAS.

DETECTION LIMIT

1

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LEGEND

TRIASSIC TO CRETACEOUS
LEECH RIVER FORMATION

Ks Siltstone, Shale, Phyllite.

JURASSIC
BONANZA

Jv Andesite - Basalt, chlorite rich.

Jt Lapilli Tuff - chlorite rich.

Jb/Jc Volcanoclastic Breccio/Chert - Siliceous Siltstone.

Jvs Andesite - Basalt - Intensely Sheared/Foliated, chlorite rich.

Js Serpentine.

JL Limestone.

UPPER PALEOZOIC TO JURASSIC
WEST COAST COMPLEX

Pi Granite To Intermediate Intrusives.

Silica, Pyrite +/- Chlorite - Sericite Alteration.

Carbonate Alteration.

Geological Contact - Approximate/Assumed.

Shear.

Compositional Layering, Tops Known/Unknown.

Foliation, Intense/Partial.

Outcrop.

Shaft.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

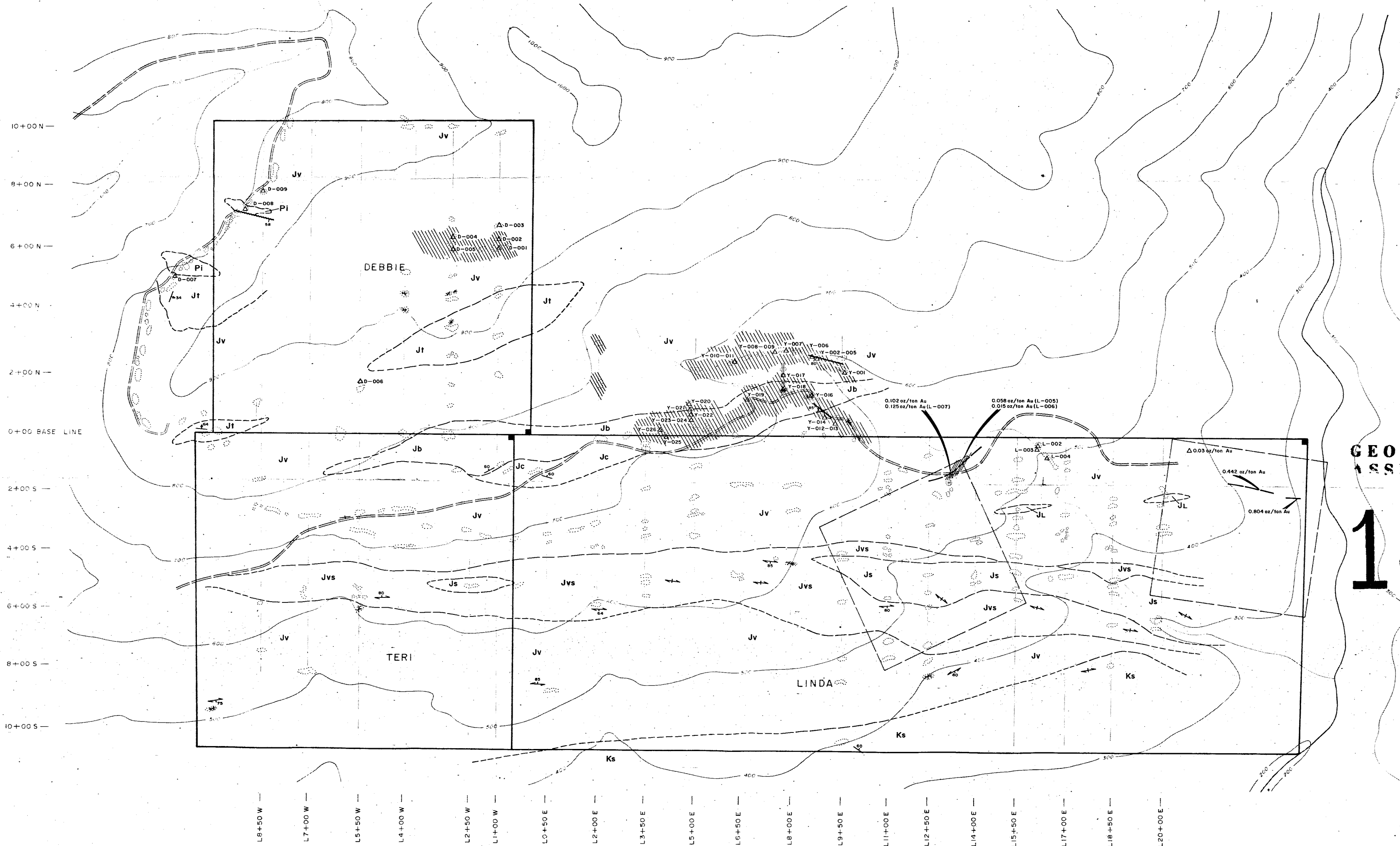
Rock Sample Locations.

Rock Sample Locations.

Rock Sample Locations.

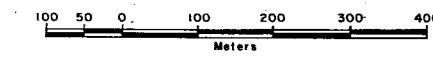
Rock Sample Locations.

Rock Sample Locations.



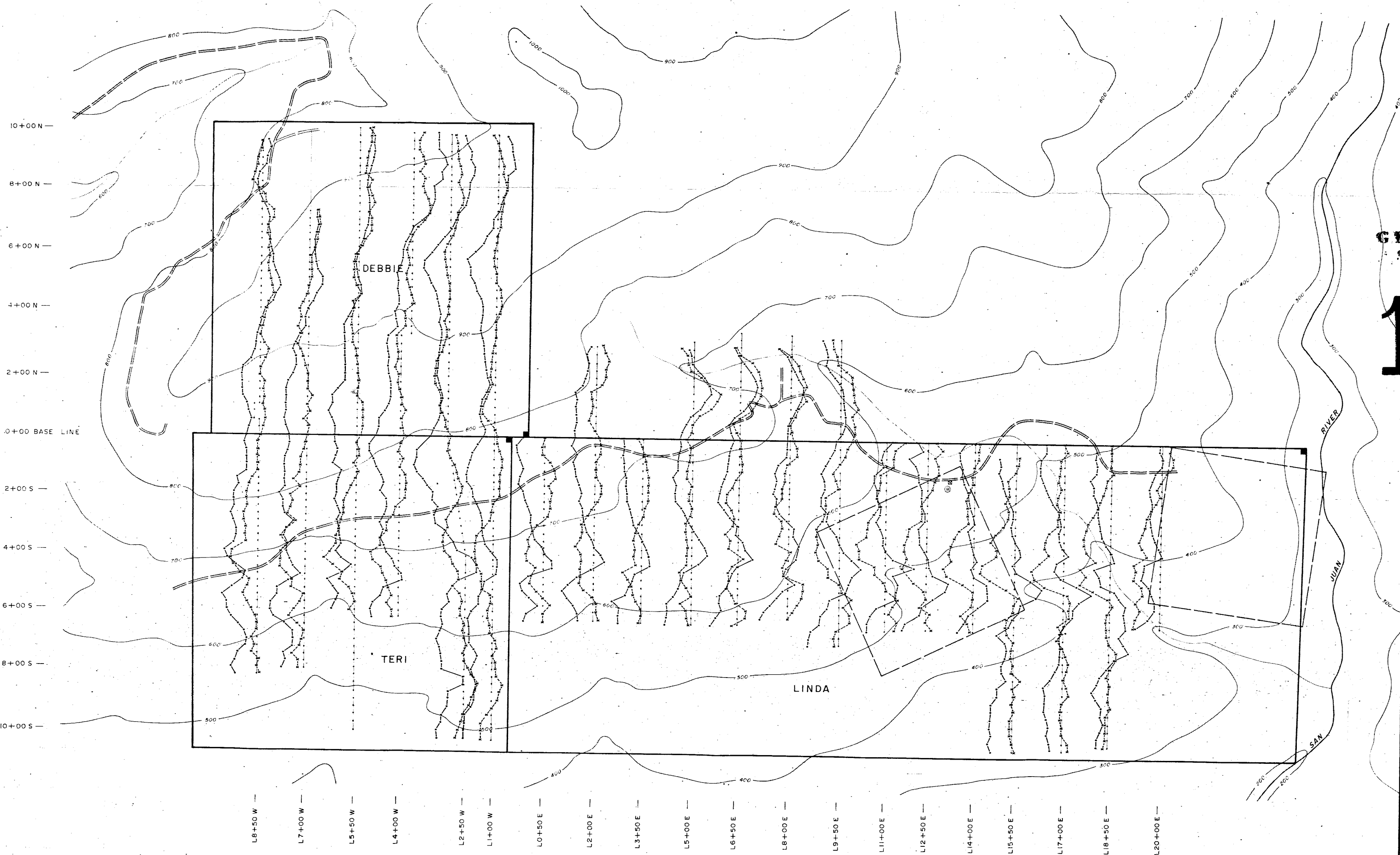
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,702



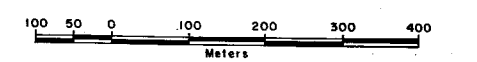
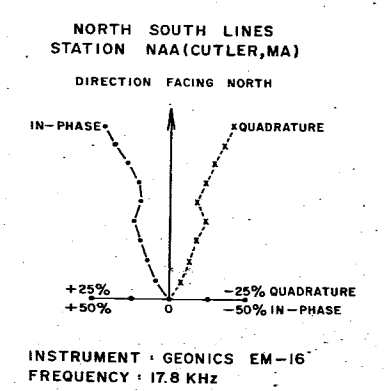
TRI-WEST RESOURCES LTD.
- SAN JUAN PROJECT -
LINDA-TERRI-DEBBIE CLAIMS

- GEOLOGY -



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

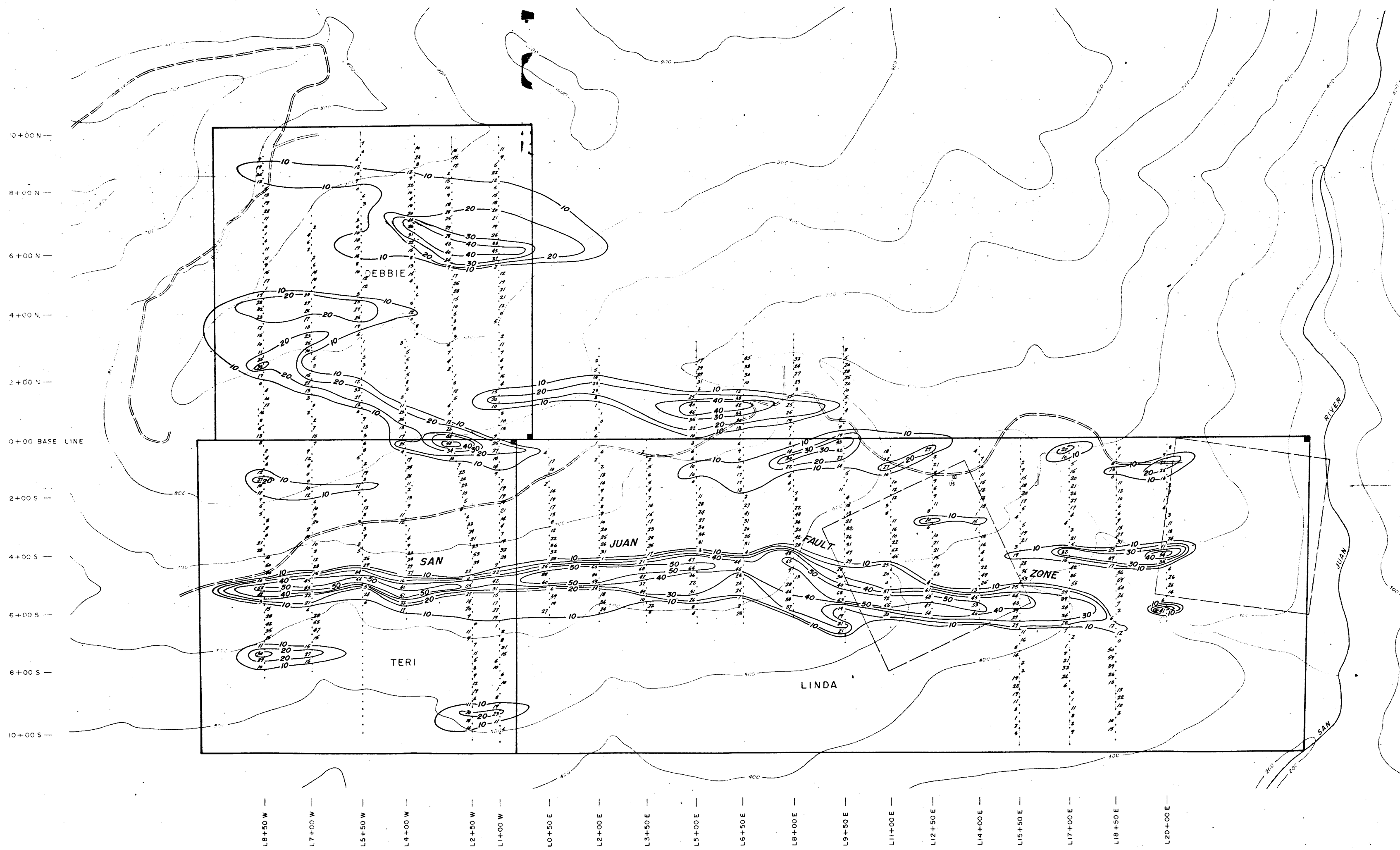
14,702



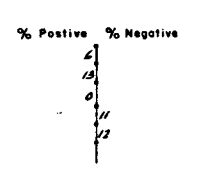
L8+50 W — L7+00 W — L5+50 W — L4+00 W — L2+50 W — L1+00 W — L0+50 E — L2+00 E — L3+50 E — L5+00 E — L6+50 E — L8+00 E — L9+50 E — L11+00 E — L12+50 E — L14+00 E — L15+50 E — L17+00 E — L18+50 E — L20+00 E —

TRI-WEST RESOURCES LTD.
— SAN JUAN PROJECT —
LINDA-TERRI-DEBBIE CLAIMS

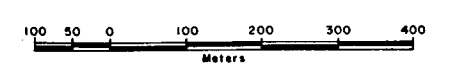
—VLF-EM SURVEY—



GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,702

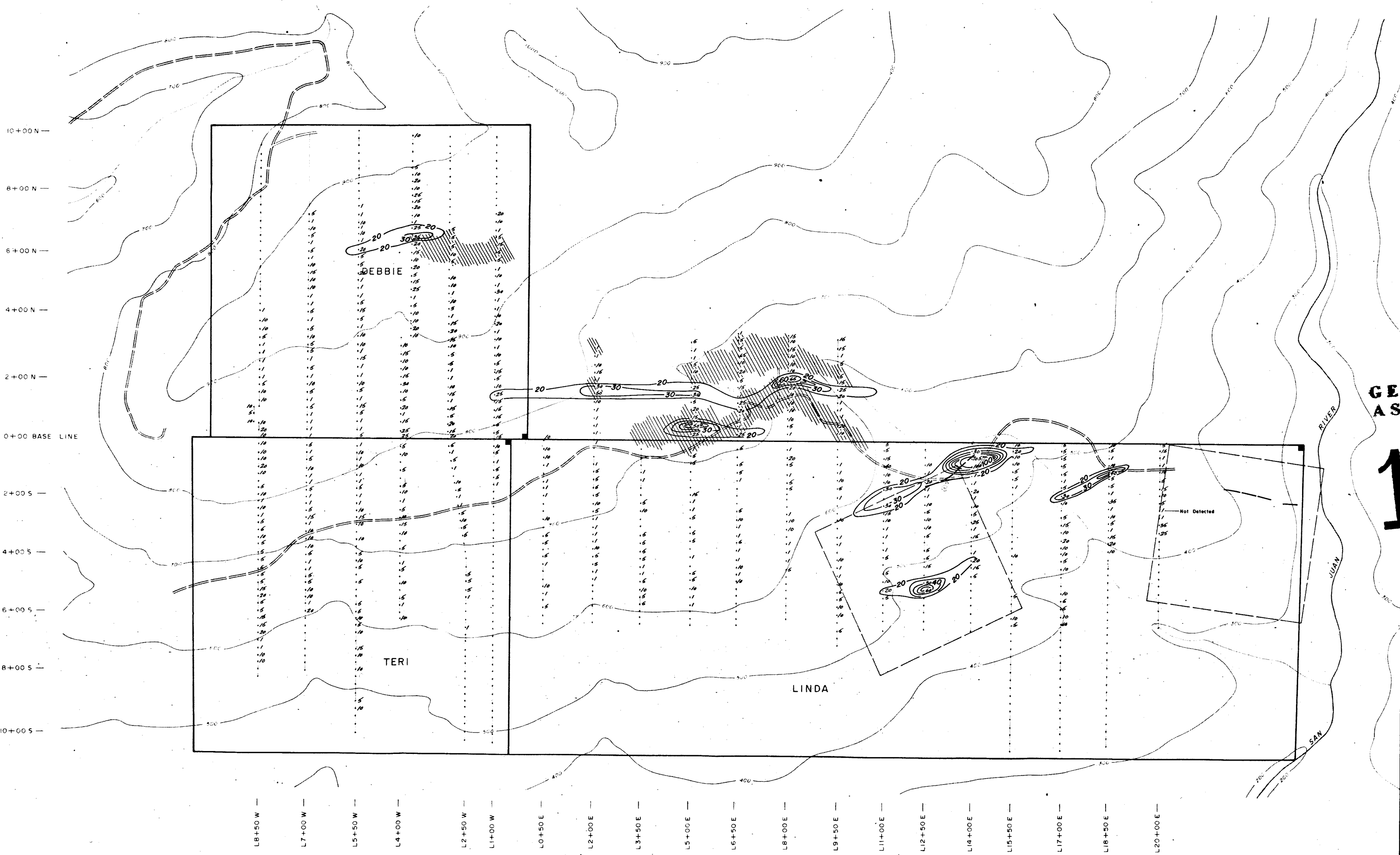


NOTE
Data Reduced by Fraser Filtering.



TRI-WEST RESOURCES LTD.
- SAN JUAN PROJECT -
LINDA-TERRI-DEBBIE CLAIMS

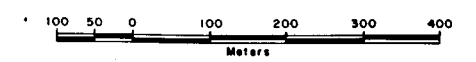
- VLF - EM -
- FILTERED DATA -
CONTOUR INTERVAL - 10 Percent



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,702

Trace Quartz - Stibnite - Gold Veins.
Silica - Pyrite +/- Chlorite - Sericite Alteration.



TRI-WEST RESOURCES LTD.
- SAN JUAN PROJECT -
LINDA - TERRI - DEBBIE CLAIMS

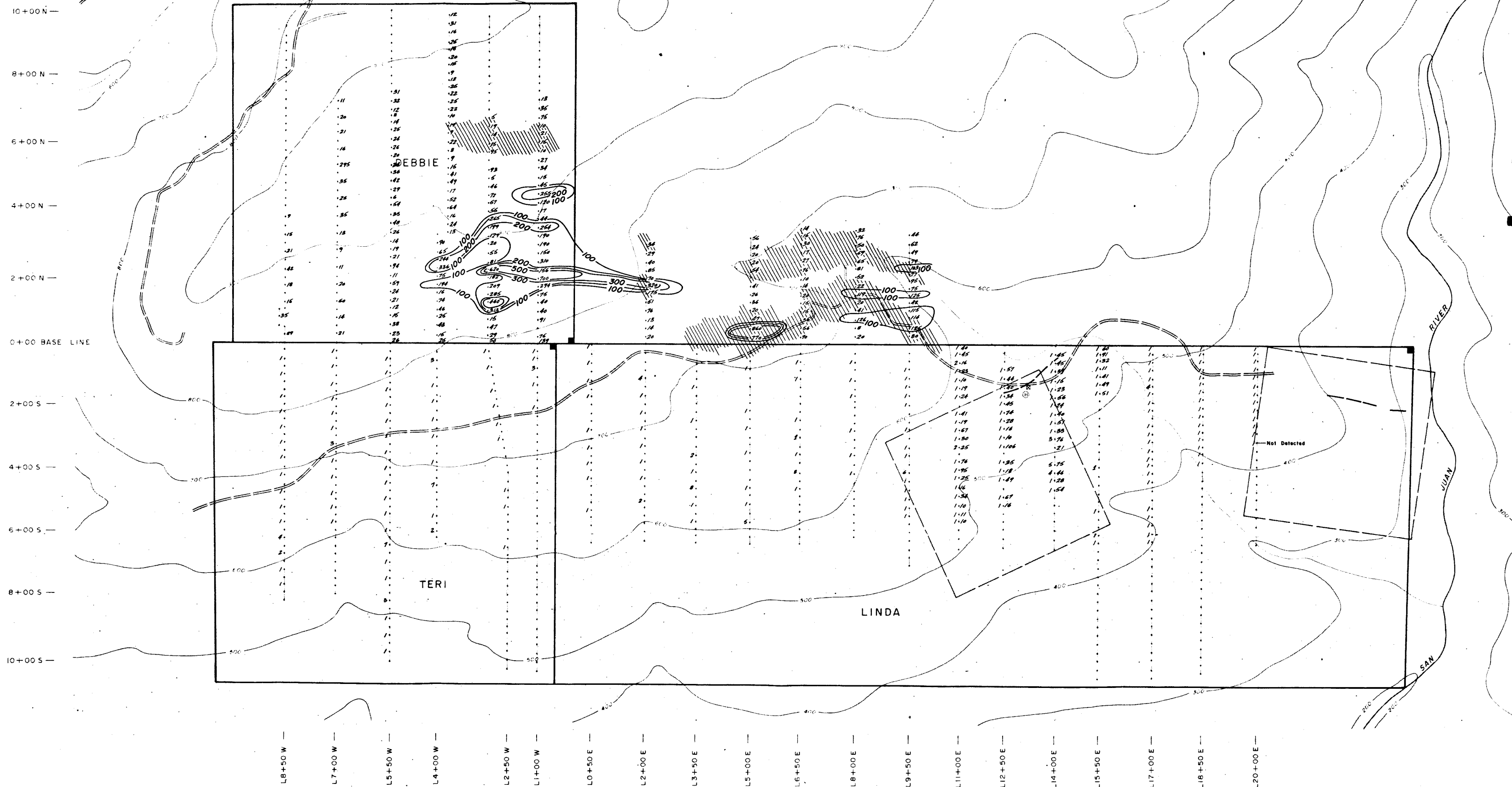
- GOLD -
- SOIL GEOCHEMISTRY -
CONTOUR INTERVAL + 10 ppb
THRESHOLD 20 ppb

RAM EXPLORATIONS LTD. VANCOUVER B.C.	DWN BY: T.M. CHK. BY: DATE: DEC 1984	FIG. No. 4
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,702

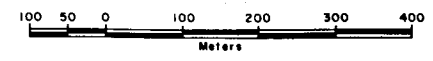


Antimony 2-1/2 Copper

Trace Quartz - Stibnite - Gold Veins

Silica - Pyrite / Chlorite - Sericite Alteration

NOTE
Antimony Not Contoured

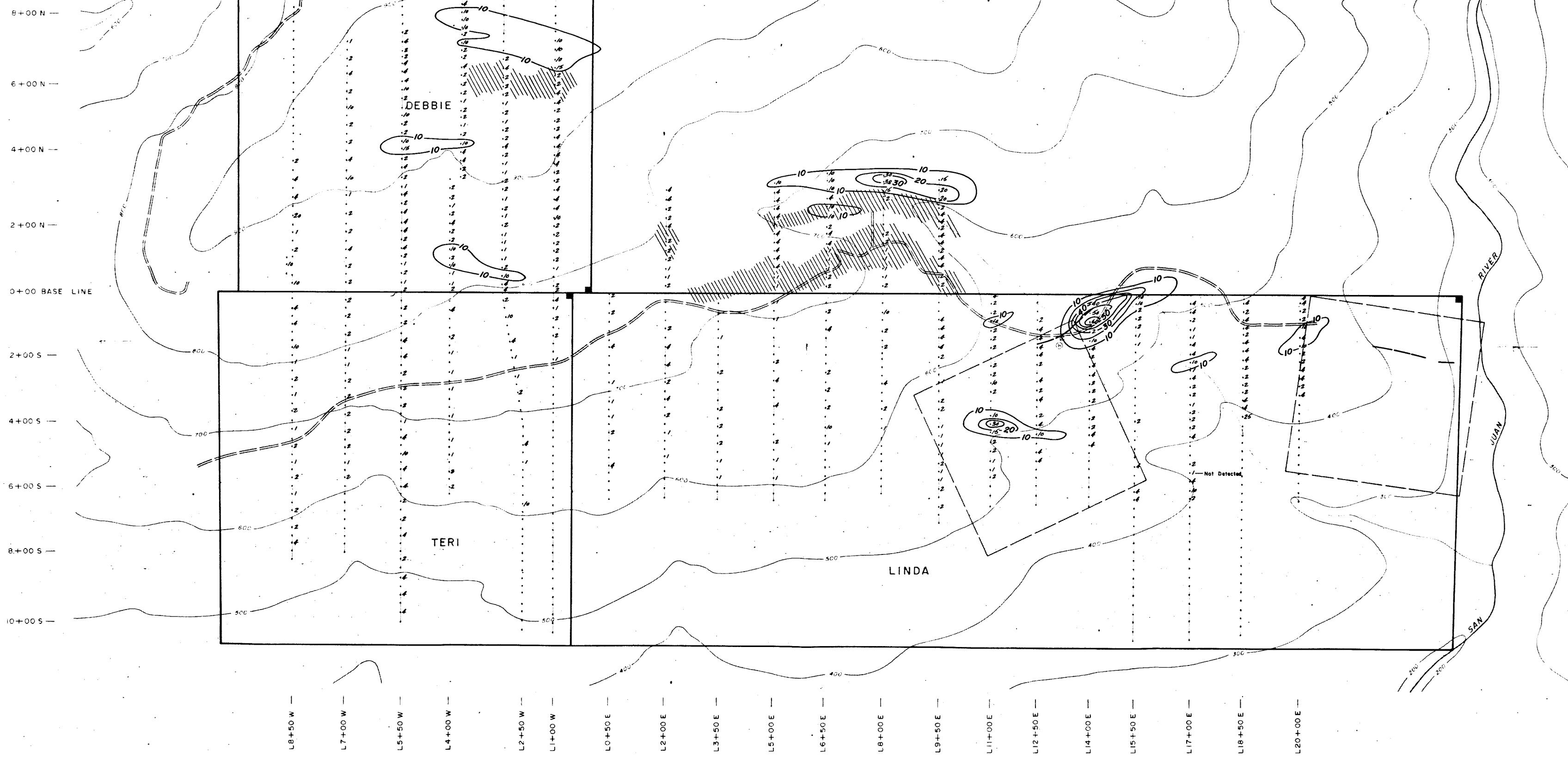


TRI-WEST RESOURCES LTD.
- SAN JUAN PROJECT -
LINDA - TERRI - DEBBIE CLAIMS

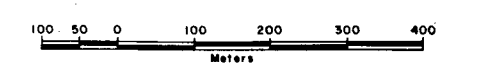
**- COPPER, ANTIMONY -
- SOIL GEOCHEMISTRY -**
CONTOUR INTERVAL 100 ppm
THRESHOLD 100 ppm

14,702

GEOLOGICAL BRANCH
ASSESSMENT REPORT



Trace Quartz - Stibnite - Gold Veins.
 Silica - Pyrite +/- Chlorite Sericite Alteration.



TRI-WEST RESOURCES LTD.
 - SAN JUAN PROJECT -
 LINDA - TERRI - DEBBIE CLAIMS

- ARSENIC -
 - SOIL GEOCHEMISTRY -
 CONTOUR INTERVAL 10 ppb
 THRESHOLD 20 ppb

RAM EXPLORATIONS LTD. DRAWN BY: T.M. FIG. No.
 VANCOUVER B.C. CHK. BY: DATE: DEC 1984 6