ARIS SUMMARY SHEET

District Geologist, Kamloops — Off Confidential: 89.04.13

ASSESSMENT REPORT 17327 — MINING DIVISION: Osoyoos

PROPERTY: Venner
LOCATION: LAT 49 17 08 LONG 119 18 02
UTM 11 5461527 332696
NTS 082E06W
CLAIM(S): Venner,Gold
OPERATOR(S): Tigris Min.
AUTHOR(S): Peto, P.
REPORT YEAR: 1988, 71 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver
GEOLOGICAL
SUMMARY: An east trending quartz-carbonate vein, dipping steeply southward, about 0.5-1.5 metres wide, cuts andesites and rhyolites and carries modest gold values (>3.42 grams per tonne). The vein has been disrupted by a late fault which also strikes easterly with shallow dips southward. Host rocks belong to the Tertiary Penticton Group.

WORK
DONE: Drilling,Geophysical,Physical,Geochemical
DIAD 531.6 m 9 hole(s);NQ
Map(s) - 2; Scale(s) - 1:500
EMGR 12.5 km;VLF
Map(s) - 1; Scale(s) - 1:625
MAGG 3.8 km
Map(s) - 1; Scale(s) - 1:2000
ROCK 251 sample(s) ;AU
SAMP 284 sample(s) ;AU
TREN 550.0 m 22 trench(es)
Map(s) - 1; Scale(s) - 1:500

RELATED
REPORTS: 05009,05702,05886
MINFILE: 082ESW112

TRENCHING, DIAMOND DRILLING & GEOPHYSICAL

ASSESSMENT REPORT

on the

VENNER CLAIMS

N.T.S. 82E/6W

OSOYOOS MINING DIVISION

49° 20'N LATITUDE & 119° 20' W LONGITUDE

owned by:

LACANA MINING CORPORATION
#312-409 Granville Street
Vancouver, B.C. V6C 1T2

operated by:

TIGRIS MINERALS CORPORATION
2246 Sifton Ave.
Kamloops, B.C. V1S 1A5

written by:

PETER S. PETO, Ph.D.
125 Bassett Street
Penticton, B.C. V2A 5W1

29 FEBRUARY 1988

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INTRODUCTION

The writer was commissioned by Mr. Gerry D'Angelo, President of Tigris Minerals Corporation, to supervise an exploration program of the Venner claim, between 4 January and 10 February 1988, as part of an ongoing exploration program recommended by Eugene Larabie, P. Eng. (1987). In the course of this program, some 22 backhoe trenches covering 550 meters were excavated by High Alpine Contracting and 251 rock chip samples were collected therefrom. In addition, 531.7 meters or 1744 feet of NQ diamond drilling was carried out by Beaupre Drilling in 9 holes and 284 core samples were collected for assay. A total of 535 rock samples were assayed for gold by Acme Analytical Laboratories and Eco-tech Laboratories Ltd. This work was complemented by 12.5 line km of VLF-EM and 3.8 km of magnetometer surveys. An aggregate of some $77,000 was expended on this program and exploration results are reported for assessment credit. The writer was assisted by Keith D'Angelo and Gerrard Gallisant of Pacific Northwest Geo-Tech Ltd.

PROPERTY, LOCATION, ACCESS, PHYSIOGRAPHY

The "O,K. Falls" gold property comprises a large claim block consisting of 10 adjoining, 4-post claims, totalling some 3540 hectares. The property consists of the following claims.

CLAIM	NO. OF UNITS	RECORD NO.	ANNIVERSARY
VENNER	9	1078	9 MAY 1994
VENNER #2	20	1273	10 OCT.1990
VENNER #3	8	1694	21 MAR.1988
VENNER #4	2	1695	21 MAR.1988
VENNER #5	18	1916	17 OCT.1989
VENNER #6	18	1917	17 OCT. 1989

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DREN #1	15	2594	21 APRIL 1988
DREN #2	20	2595	21 APRIL 1988
DREN #3	20	2596	21 APRIL 1988
DREN #4	8	2597	21 APRIL 1988

The principal claim is the Venner (1078) upon which all the work was carried out. These claims are owned by Lacana Mining Corp. which recently optioned the claims to Tigris Minerals Corp.

The property is located 26 km east of the town of Okanagan Falls beside the main Shuttleworth Creek logging road (Figure 1) and is accessed via the "R200" branch road. The drill site is located immediately northeast of km 26, a distance of some 47 km from Penticton.

The claims are situated along "Venner Meadows" a flat to gently rolling upland area consisting of marshland and gently sloping, glaciated, hillsides timbered largely with lodgepole pine, fir and aspen. The area has been strongly glaciated and is buried under a mantle of transported glacial till and alluvial deposits obscuring bedrock over 99 percent of the survey area. A succession of glacial terraces can be observed along Fish Creek. The area is drained by tributaries of Vaseaux Creek; ranging in elevation from 1350 to 1750 meters.

HISTORY

The main showing, consisting of an auriferous quartz-carbonate vein, was exposed in a road cut and staked by Dusty Ewers, Sandy McLean and K.G. Thompson of Okanagan Falls in 1973. A considerable amountof exploration work was carried out in the vicinity of the main

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showing by the above prospectors, Teck (1973 & 1974), Granby (1975 & 1976), Lacana (1981, 1982, 1983), Rio Algom (1984), Daughtery and Associates whose findings are reported in the following assessment reports: 5009, 5702, 5886, 8961, 9413, 10410, 10624, 10735, 11276, 11745, 11798, 12156, 12750, 13113 and 13477. A compilation map showing some relavent exploration details is shown in Figure 2.

REGIONAL AND PROPERTY GEOLOGY

The claim area covers an erosional remanent (outlier) of Tertiary volcanic rocks which unconformably overlie mesozoic batholithic rocks and proterozoic granite gniesses and amphibolites (Figure 3). These subareal, continental, volcanic rocks are generally known to host several structurally controlled gold and silver deposits such as those found near Okanagan Falls (Dusty Mac), Orofino Mountain, Whitman Creek (Brett) and Clinton (Black Dome).

The property is underlain by dark green to reddish green, massive, feldspar porphyry flows and breccias (andesite or trachyandesite). Light grey to beige, rusty weathering, very fine grained massive quartz-feldspar porphyry (rhyolite) and dark green, mottled, poorly sorted, volcanic conglomerates and gritstones with interbedded narrow coal seams. In the writer's opinion these rock units are correlative with similar tertiary volcanic rocks found in the White Lake basin, on the west side of the Okanagan Valley, which correspond respectively to the Marron Formation, Marama Formation and White Lake Formation of the Penticton Group (Church, 1973).

Gold mineralization occurs largely in 0.5 to 3.0 meter wide, east trending, steep, southward dipping, quartz + carbonate

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fissure veins and replacement breccias cutting hydrothermally altered and brittlely deformed andesites which are overlain by conglomerates to the north and bounded by rhyolites to the east. Within the mineralized area andesites are pervasively altered to a propylitic assemblage consisting largely of chlorite and calcite but without the presence of visible epidote. Calcite may occur as narrow, irregular fracture infillings, which when intensely concentrated form carbonate cemented crackle breccias. It also occurs as medium to coarse grained replacements, sometimes associated with brown or red siderite or ankerite and occasionally with purple fluorite in irregular veinlets from 1 mm to 5 cm wide. Pure grey to white (chalcedonic) quartz veinlets are rare with calcite predominating over quartz in carbonate vein replacements which are usually devoid of pyrite or other sulphides. At surface, quartz veinlets commonly show drusy, medial cavities strongly stained with manganese oxides.

In addition to strong propylitic alteration, andesites may also locally develop a strong, pervasive hematite alteration or pervasive argillic (clay) alteration near well developed fault zones. Very fine grained, disseminated pyrite may also occur in andesites near these fault zones but rarely otherwise. Within and adjacent to these fault zones andesites become crushed and sheared giving it a cataclastic, or brecciated texture consisting of altered andesite clasts set in a fine grained, comminuted matrix of broken andesite and secondary chlorite with or without hematite. Sometimes the clasts consist of broken quartz-carbonate veins, or andesite with disrupted carbonate veinlets. These textures may have been mistakenly

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identified as "agglomeritic" previously although some core intervals clearly show rounded, poorly sorted andesitic cobbles which could represent subaqueous lahars rather than true subareal, pyroclastic "agglomerates".

Near fault zones, rhyolites show very strong, pervasive argillic alteration accompanied by disseminated pyrite and irregular quartz-carbonate veinlets or clay seams. Near the fault plane rhyolites become strongly sheared producing a clay-rich fault gouge embedded with subangular to rounded, intensely altered, tectonic rhyolite clasts. Commonly the fault zone occurs just above and in contact with the andesite giving the impression that the clay fault gouge represents a "regolith" unconformably overlying the andesite.

However a regolith, by definition,consists of decomposed, weathered, detrital rock derived from and overlying the parental bedrock, which in this case is andesite not rhyolite. Nor would one expect to find fresh pyrite in an oxidized, leached regolith. The rhyolite was observed as veins cutting the andesites, contacts with andesite are sharp and often sheared when observed in core. There is no evidence of flow banding or bedding planes or flow tops, but rather the rhyolite appears to have a massive texture suggesting that it may represent an intrusive rather than an extrusive body. The rhyolite is generally fractured, and carries thin carbonate or clay fracture fills but rarely carries quartz veinlets although some crackle breccias have been observed but do not have the appearance of flow tops or autoclastic breccias.

TRENCHING AND ROCK CHIP SAMPLING RESULTS

A program of systematic trenching and rock chip sampling was carried out over the area of main interest between 0E to 187.5E by

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digging 18 north-south trenches using a Hitachi excavator equipped with a 1 yard bucket from 11 to 17 January and from 8 to 11 February, 1988. A total of 550 meters were excavated and 251 rock chip samples were collected and assayed for gold. Samples were normally collected over two meter sample intervals although some one meter fill in sampling was also carried out. Trench locations and assay results are plotted in Figures 4a & b.

The assay results are summarized below and illustrated in Figure 8.

(1) A major, east trending, southwardly dipping fault zone disrupts rhyolite and andesite rock units near the base line. Where observed the footwall dips 30 to 60 degrees southward and consists of a rusty weathering, grey, pyritic, clay-rich fault gouge with rounded clasts of broken wallrock. The dip angle appears to shallow eastward with surface intersections increasing from 2 meters at 0E to 22 meters at 162.5E

(2) The footwall, which is usually andesite is strongly propylitic in character, with abundant chlorite and secondary carbonate whereas the hangingwall is strongly argillic with abundant disseminated pyrite. Gold values are invariably low or absent in fault gouge.

(3) A prominant east-trending, 1.5 to 3.0 meter wide, vertical dipping, quartz + carbonate vein was observed at 44W & 10N, 2.5E & 1N, and 150E & 25S which yielded modest gold values. These may represent a single vein which has been disrupted by the main fault.

(4) A carbonate vein, 0.3 to 1.0 meters wide, trending southeasterly and dipping steeply southward, was observed in the vicinity of the

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"G" trench outcrop shown in figure 4b. This yielded gold assays ranging from 2.77 oz/t over 15cm to 0.08 over 1 meter. At some locations adjacent wallrock also carrys gold, 147.5E & 16S yielded 0.885 oz/t gold over 1 meter. This vein has been traced for 23 meters from 130E & 10S to 153E & 17S.

(5) In trench 162.5E at 26 to 30S andesites are cut by narrow north trending drusy quartz veinlets which yielded 0.352 and 0.267 oz/t gold over 2 meter intervals. In trench 112.5E, from 70 to 73 north, in altered conglomerates, a three meter sample yielded 0.048 oz/t gold initially, 0.069 oz/t gold upon reassy and values from 0.001 to 0.009 oz/t gold upon resampling at 1 meter intervals.

(6) A 0.5 meter wide, east trending, subvertical, quartz + carbonate breccia zones, separating andesite from rhyolite, was observed in trench 175E & 9S which yielded 0.131 over 2 meters and 0.306 oz/t gold from a grab sample.

(7) In trench 150E & 25S, a 1m wide quartz + carbonate vein dipping 70° south, was situated in the main fault zone and consequently shattered and accompanied by large, adjacent, angular, quartz breccia fragments embedded in fault gouge, which yielded gold assays of 0.017 and 0.006 oz/t over two meters each respectively.

(8) Overburden ranges from 1 to 6 meters thick consisting of a basel chaotic glacial till and an upper sequence of bedded alluvial desposts.

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DIAMOND DRILLING RESULTS

A total 531.7 meters (1744 feet) of NQ core were obtained from 9 drill holes, DDH88-21 to DDH88-29, by Beaupre Diamond Drilling from 20 January to 6 February 1988. Drill core was logged by the writer and sampled by Gerrard Gallisant. Drill hole collar locations are shown inFigure 5 and drill logs and sample assay results are listed in appendicies 1 & 2. The core is stored on the property in core racks located at 115E & 50S as shown in Figure 5.

The purpose of the drill program was to further test the main zone drilled by Lacana (Wells, 1983) largely by means of shallow drill holes. A brief summary of the purpose and outcome of each drill hole is given below.

DDH88-21 collared at 110E & 25S was drilled northward at 45 degrees in an attempt to intersect the upward projection of a 0.5 meter intercept that yielded 8 oz/t gold in DDH83-9. The hole penetrated altered rhyolite from 6 to 20m, thereafter 6.7m of fault gouge and remained in propylitized, footwall andesite to 45.7m without intersecting significant gold intervals.

DDH88-22 collared at 125E & 26S was drilled northward at 45 degrees in an attempt to find the lateral extension of DDH83-9 gold intercept again without success. The hole encountered altered rhyolite 5 to 10m, thereafter 5.6m of fault gouge, the remainder of the hole stayed in propylitic, footwall, andesite which was hematized in part to 45m. The last sample interval, at the bottom of the hole, from

....9/

45.0 to 45.72 meters, carried a few grey chalcedonic quartz veinlets which yielded 0.370 oz/t gold.

DDH88-23 was collared at 137.5E & 25S, drilled northward at 45 degrees to test the upward projection of gold intercepts of 0.147 & 0.185 oz/t gold in DDH83-7. The hole encountered, propylitic andesite with hematitic and brecciated intervals throughout without yielding any significant gold intercepts except between 16-17m which yielded 0.112 oz/t gold in brecciated andesite with irregular, narrow quartz veinlets.

DDH88-24 was collared at 170E & 32S, drilled at 45 degrees and 325° azimuth in order to test the subsurface expression of a zone of quartz veinlets exposed by trenching at 162.5E & 20 to 24S, which yielded 0.31 oz/t gold over 4 meters at surface. The hole encountered rhyolite from 5.8 to 7.0m, fault gouge, with small quartz vein at 8.65m, to 17m, and propylitic andesite to 45.7m without encountering any significant gold mineralization.

DDH88-25 was collared at 60E & 85S, drilled 45 degrees northward in order to test east trending fault zones paralleling the main fault, exposed in trenches at 50E and 100E and a fault which yielded 0.232 and 0.166 oz/t gold in DDH83-20. The hole encountered rhyolite from 5.8 to 7m, fault gouge from 7-14.7m, and propylitic andesite, which is intermittantly brecciated and hematitic down to the end of the hole at 92.7m. No significant gold assays were encountered.

DDH88-26 was collared at 112.5E & 50N, drilled at 45 degrees

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northward in order to test the subsurface expression of a 3 meter surface sample of altered conglomerate located at 112.5E & 70 to 73N which yielded 0.069 oz/t gold. The hole encountered poorly sorted, volcanic conglomerate throughout with occasional narrow coal seams. Quartz + carbonate veinlets were rare and no significant gold values were encountered.

DDH88-27 was collared at 182E & 27S, drilled at 45 degrees and 330 azimuth in order to test the subsurface projection of a quartz + carbonate breccia vein which yielded 0.306 oz/t gold in trench 175E & 10S as well as a 0.432 oz/t gold intercept encountered in DDH82-6. The hole encountered rhyolite from 3.65 to 16.1m, a 25cm quartz vein at 16m, a fault zone from 16 to 22.5m and propylitic, locally brecciated footwall andesite to 45.7m, with no significant gold intercepts.

DDH88-28 was collared at 187E & 55S and drilled at 42.5 degrees and 55° azimuth in order to test the eastward projection of the fault aone under the rhyolite "capping". It remained in rhyolite throughout to 103.7m, with the exception of a narrow septum of altered andesite encountered between 52 to 57m downhole.

DDH88-29 was collared at 112E & 6S, drilled vertically to test the 8 oz/t gold intercept located in DDH83-9 on the presumption it was an emanation from an upward protruding, mineralized pinnacle. The hole encountered rhyolitic fault gouge from

....11/

8.53 to 16.85m, ankeritic(?)-calcite replacement from 16.85 to 18m, and propylitic, locally brecciated and hematitic footwall andesite to 57.9m with significant gold intercepts at 32-33m and 34-35m yielding assays of 0.076 and 0.094 oz/t respectively.

All the 1982 and 1983 drill core was re-examined and an additional 37 core samples were split and assayed as shown in Appendix 2. No further significant gold values were obtained with the exception of DDH83-9, from 55-56m which yielded 0.120 oz/t.

GEOPHYSICAL SURVEY RESULTS

Close comparison of previous VLF-EM and ground magnetic surveys conducted by Lacana over the area presently trenched suggests that the major fault zone coincides with a weak VLF-EM conductor and a coincident magnetic depression. Furthermore, the area underlain by rhyolite was expressed as a magnetic high in contrast to altered, relatively non-magnetic andesites. It was therefore decided to extend the geophysical grid in order to better define the extent of the rhyolite and fault structures beyond the area presently drilled.

Two VLF-EM surveys were carried out, a detailed survey, consisting of 4.5 line km over the main area (Figure 6a) and 8 line km over the southwest portion of the Venner claim (Figure 6b). A Sabre model #27 was used to take tilt angles using Cutler, Maine as the transmitter at 17.8 khz on north-south lines at 12.5m station intervals. A very weak cross-over was detected over the main fault zone which may therefore construed to be a weak EM conductor. It appears to terminate at about 187.5E near the rhyolite/andesite contact zone. Another east trending weak conductor was detected at

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about 100N of the base line from 0E to 525E. Other anomalies may be due to topographic effects and/or operator error in consistantly measuring small angles of tilt.

The same grid was also intended to be surveyed by ground magnetics using a Scintrex, MP-2, measuring total field strength. Unfortunately only 3.87km of grid were completed due to malfunction of sensor cable. The results are plotted on Figure 7 from which it is evident that high magnetic contrasts occur at 275N on lines 0E and 75E. The survey ought to be completed at some future date and further comments are inappropriate until more magnetic data is obtained.

INTERPRETATION

Based on the foregoing observations the writer offers the following geological interpretation of present and past data as illustrated in Figure 8 and summarized below.

(1) A thick succession of andesitic flows belonging to the Marron Formation and overlain by volcaniclastics of the White Lake Formation is invaded by rhyolitic intrusions of the Marama Formation.

(2) The andesites were brittlely deformed and hydrothermally altered to a propylitic assemblage and accompanied by the emplacement of an east trending steep southward dipping quartz + carbonate fissure filling (vein) carrying good gold values locally. In addition, the andesite was also injected with narrow, erratically dispersed and impersistent quartz + carbonate veinlets which may carry erratic concentrations of electrum from place to place as evidenced in the 1982-1983 drill core. There is however a (0.3 to 1.0m), wide carbonate vein now exposed by

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stripping on the dip slope of the "G"-trench outcrop, which yielded consistently higher gold values up to 2.77 oz/t.

(3) The andesite and rhyolites were subsequently faulted by east-trending faults, dipping at variable angles southward, which fragmented and dislocated the pre-existing fissure veins and with strong clay alteration, usually accompanied by pyrite in the hanging wall and hematitie predominantly in the footwall. These hydrothermal events carried no significant gold mineralization.

(4) Post-mineral dislocation by later faults would explain why previous drilling intercepts are discontinuous and sporadic. The quartz + carbonate vein appears to remain intact between 44W & 3E along the base line and should be drilled according to Cann (1984) although this section is located on Energex's Gold claim.

(5) Thin section examination of selected rock samples (see appendix 3) indicate pervaisive hydrothermal alteration of rhyolites and trachy-andesites resulting in the formation of secondary chlorite, leucoxene, quartz, sericite ? (kaolinite), marcasite (?), and carbonate. Veinlets consist of (1) aragonite ± k-feldspar and quartz (2) quartz ± chlorite and (3) calcite. Unit 3 carrys clasts of andesite, trachy-andesite, rhyolite, dacite and quartz and is probably an erosional derivative of Unit 1 & 2. Auriferous quartz/carbonate vein is described as a "cherty dacite" breccia.

(6) The rhyolites to the east probably do not represent an extrusive 'capping' unconformably overlying an andesitic regolith as previously thought. (Although further investigation is required by means of magnetic surveys and trenching to confirm the following hypothesis.) The rhyolites probably represent, structurally disrupted north trending intrusions which dip moderately eastward

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and truncate the quartz + carbonate veins east of 187E. These rhyolite intrusions may adjoin similarly mineralized fissures elsewhere along their strike.

Drill holes 83-13, 83-19 and 88-28 indicate that the up-dip projection of the main fault zone separates rhyolite from andesite and trends northwesterly as encountered in drill holes 83-14 and 83-15. The faulted contact may host auriferous quartz + carbonate breccia zones such as the one observed in trench 175E & 10S. This contact zone can be traced on a magnetic map produced by Hardy & Associates for Lacana in 1982.

Narrow panels of rhyolite adjacent to andesite, south of the core shack, may represent fault slices whereas andesitic panels encountered in drill holes 83-13 & 19 may represent upwardly displaced fault slices or septa (inclusions) enveloped by rhyolitic intrusions.

(7) The presence of auriferous structures suggests a favourable geological environment for the presence of gold deposits in altered andesitic rocks adjacent to rhyolitic feeder dykes or intrusions.

ITEMIZED COST STATEMENT

The costs of the above exploration is apportioned as follows, according to Gerry D'Angelo, Presidnet of Tigris Minerals Corporation:

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(1)	Trenching (excavator) costs: 60 hours, mob and demob...	$7,202.00
(2)	Drilling costs, 1744 feet @ $19.50/foot plus catwork backfilling trenches	34,723.00
(3)	Geochemical analysis: 535 samples for gold	6,785.00
(4)	Geophysical (VLF-EM/mag) survey costs, 16.3 km	4,275.00
(5)	Geological supervision, P. Peto 23 days	7,239.46
(6)	Mob/demob	400.00
(7)	Supplies	1,119.14
(8)	Food & accommodation	868.25
(9)	4 x 4 truck rental	1,500.00
(10)	Gasoline	419.58
(11)	Equipment rental	835.00
(12)	Freight, telephone, office equipment	852.52
(13)	Labor (K. D'Angelo, G. Gallisant)	7,650.00
(14)	Petrographic descriptions	469.00
	SUB-TOTAL	$74,337.95
(15)	Administration.....	2,598.00
	TOTAL COST	$76,935.95

Respectfully submitted

Peter Peto

Peter Peto, Ph.D., F.G.A.C.
Consulting Geologist

REFERENCES CITED

Cann, R.M. (1984) Gold Option, Okanagan Falls, Geology, Geochemistry, Magnetic, VLF Surveys and Drilling. Assessment Report #13477

Church, B.C. (1973) Geology of the White Lake Basin, B.C. Ministry of Energy, Mines & Petroleum Resources, Bull 61, 120pp.

Larabie, E.N. (1987) Report on the O.K. Falls Gold Property, prospectus report, Tigris Minerals Corp.

Wells, R.C. (1983) Report on the O.K. Falls project, B.C. internal report, Lacana Mining Corp.

AUTHOR'S QUALIFICATIONS

I, PETER S. PETO, of 125 BASSETT STREET, PENTICTON, in the PROVINCE OF BRITISH COLUMBIA, HEREBY certify as follows:

(1) I am a consulting mineral exploration geologist.

(2) I am a graduate of the University of Alberta and hold Bachelor of Science (1968) and Master of Science (1970) degrees in geology and that I hold a Doctor of Philosophy in geology (1975) from the University of Manchester, U.K.

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

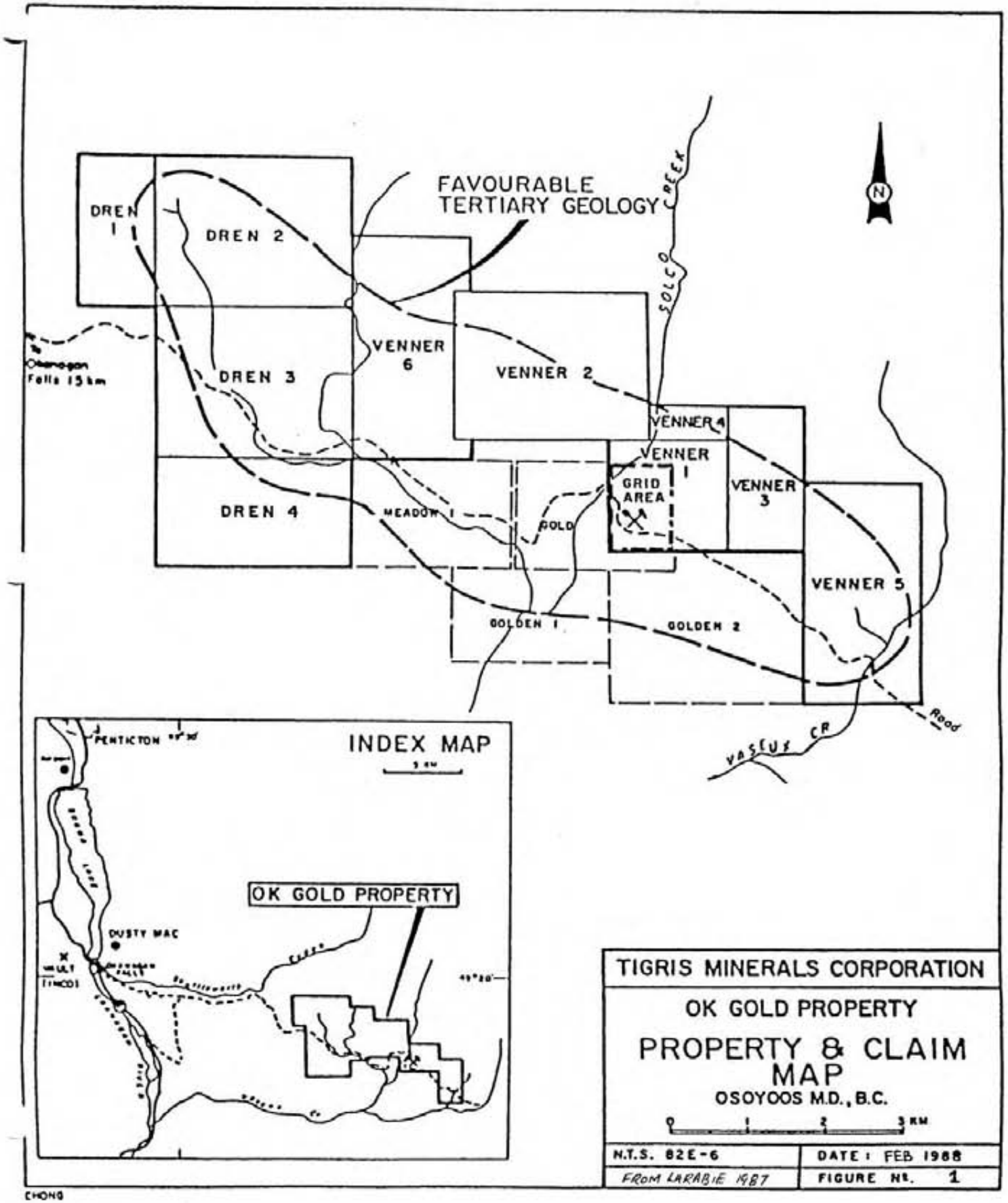
(4) I have been practicing in the geological profession continuously since 1975.

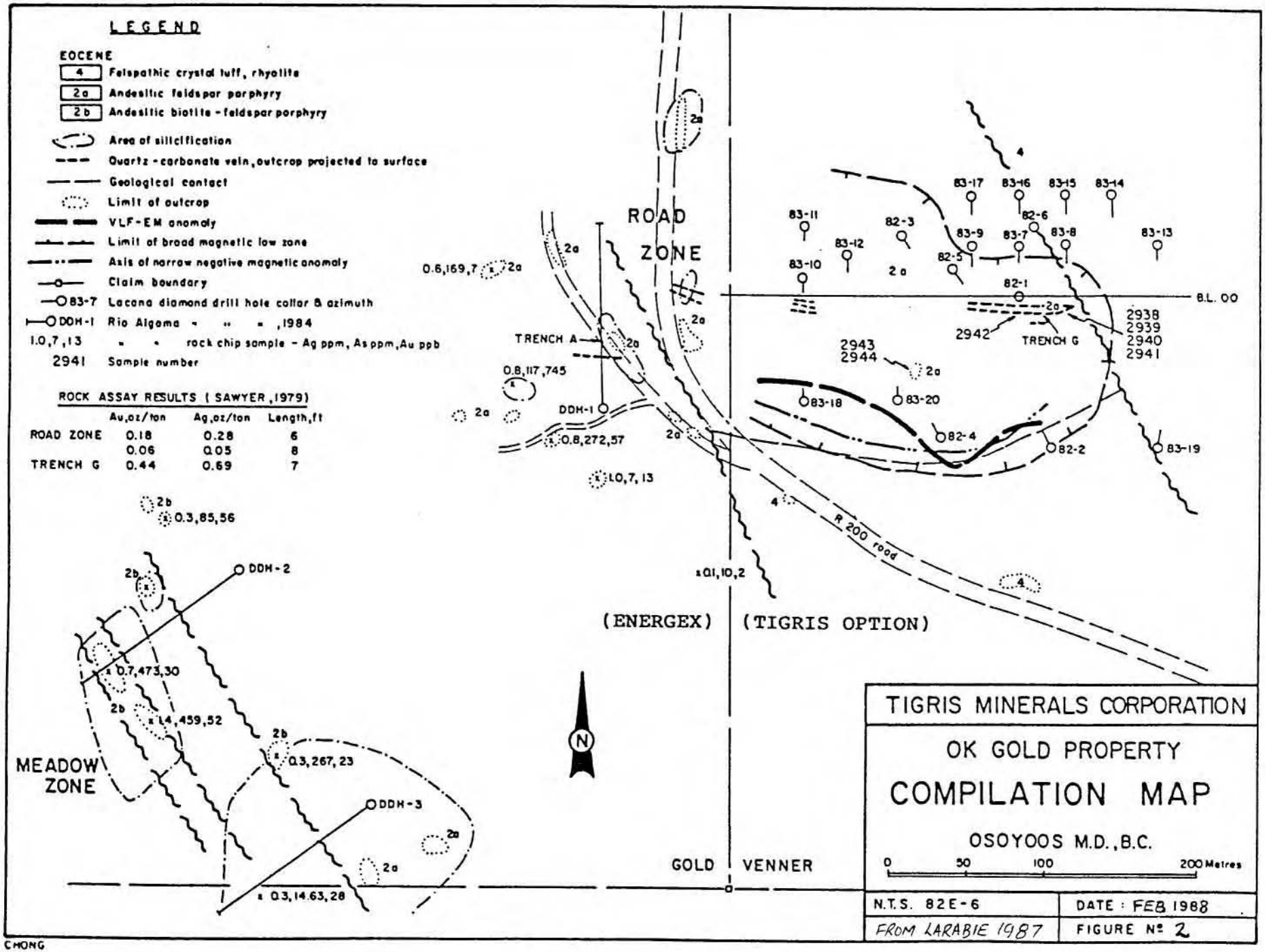
(5) I have personnaly supervised the exploration program reported herein on behalf of Tigris Minerals Corporation.

Dated at Penticton, British Columbia, this 29 day of February, 1988.

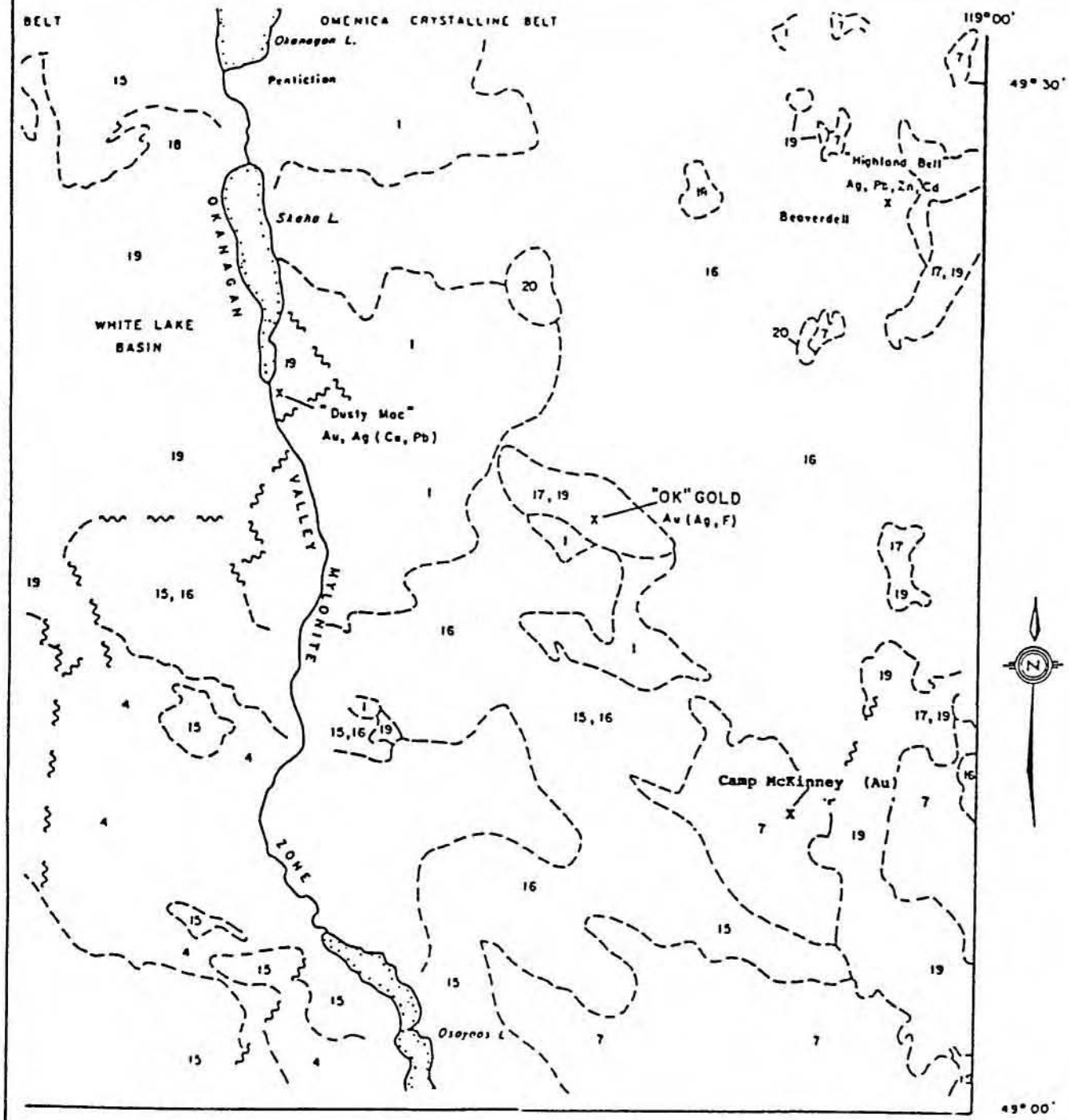
Pete Peto

Peter Peto, Ph.D., F.G.A.C.


FAVOURABLE
TERTIARY GEOLOGY
DREN 1
DREN 2
DREN 3
DREN 4
VENNER 6
VENNER 2
VENNER 4
VENNER 1
VENNER 3
VENNER 5
GRID AREA
MEADOW
GOLD
GOLDEN 1
GOLDEN 2
SOLO CREEK
Okanagan Falls 15 km
VASEUX CR
Road
N
INDEX MAP
PENTICTON
OK GOLD PROPERTY
DUSTY MAC
TIGRIS MINERALS CORPORATION
OK GOLD PROPERTY
PROPERTY & CLAIM MAP
OSOYOOS M.D., B.C.
0 1 2 3 KM
N.T.S. 82E-6
DATE: FEB 1988
FROM LARABIE 1987
FIGURE No. 1
CHONG


LEGEND
EOCENE
4 Felspathic crystal tuff, rhyolite
2a Andesitic feldspar porphyry
2b Andesitic biotite - feldspar porphyry
Area of silicification
Quartz - carbonate vein, outcrop projected to surface
Geological contact
Limit of outcrop
VLF-EM anomaly
Limit of broad magnetic low zone
Axis of narrow negative magnetic anomaly
Claim boundary
83-7 Lacana diamond drill hole collar & azimuth
DDH-1 Rio Algoma " " ,1984
1.0,7,13 " " rock chip sample - Ag ppm, As ppm, Au ppb
2941 Sample number
ROCK ASSAY RESULTS (SAWYER ,1979)
Au,oz/ton Ag,oz/ton Length,ft
ROAD ZONE 0.18 0.28 6
0.06 0.05 8
TRENCH G 0.44 0.69 7
ROAD ZONE
TRENCH A
TRENCH G
DDH-1
DDH-2
DDH-3
MEADOW ZONE
0.6,169,7
0.8,117,745
0.8,272,57
L0,7,13
0.3,85,56
0.7,473,30
L4,459,52
0.3,267,23
0.3,14.63,28
01,10,2
R 200 road
B.L. 00
83-11
83-10
83-12
82-3
83-17
83-16
83-15
83-14
82-6
83-9
83-7
83-8
83-13
82-5
82-1
2938
2939
2940
2941
2942
2943
2944
83-18
83-20
82-4
82-2
83-19
(ENERGEX)
(TIGRIS OPTION)
GOLD
VENNER
N
TIGRIS MINERALS CORPORATION
OK GOLD PROPERTY
COMPILATION MAP
OSOYOOS M.D., B.C.
0 50 100 200 Metres
N.T.S. 82E-6
DATE : FEB 1988
FROM LARABIE 1987
FIGURE Nº 2

CHONG



LEGEND

EOCENE

19 Andesite, Trachyte, Basalt, Tuff

17 Conglomerate, Sandstone, Shale, Tuff

CRETACEOUS

16 Valhalla Plutonic Rocks : granite, granodiorite

15 Nelson Plutonic Rocks : granodiorite, quartz diorite

TRIASSIC OR EARLIER

11 Barlow Formation : argillite

10 Independence Formation : chert, greenstone

9 Shoemaker Formation : chert some tuff and greenstone

8 Old Tom Formation : greenstone, minor diorite

PERMIAN AND/OR TRIASSIC

7 Anarchist Group : greenstone, quartzite, greywacke, limestone

CARBONIFEROUS

4 Kobau Group : quartzite, schist, greenstone

PRECAMBRIAN OR LATER

1 Monashee Group : layered gneiss, minor schist amphibolite, marble, pegmatite

(AFTER LITTLE, 1961)

TIGRIS MINERALS CORPORATION

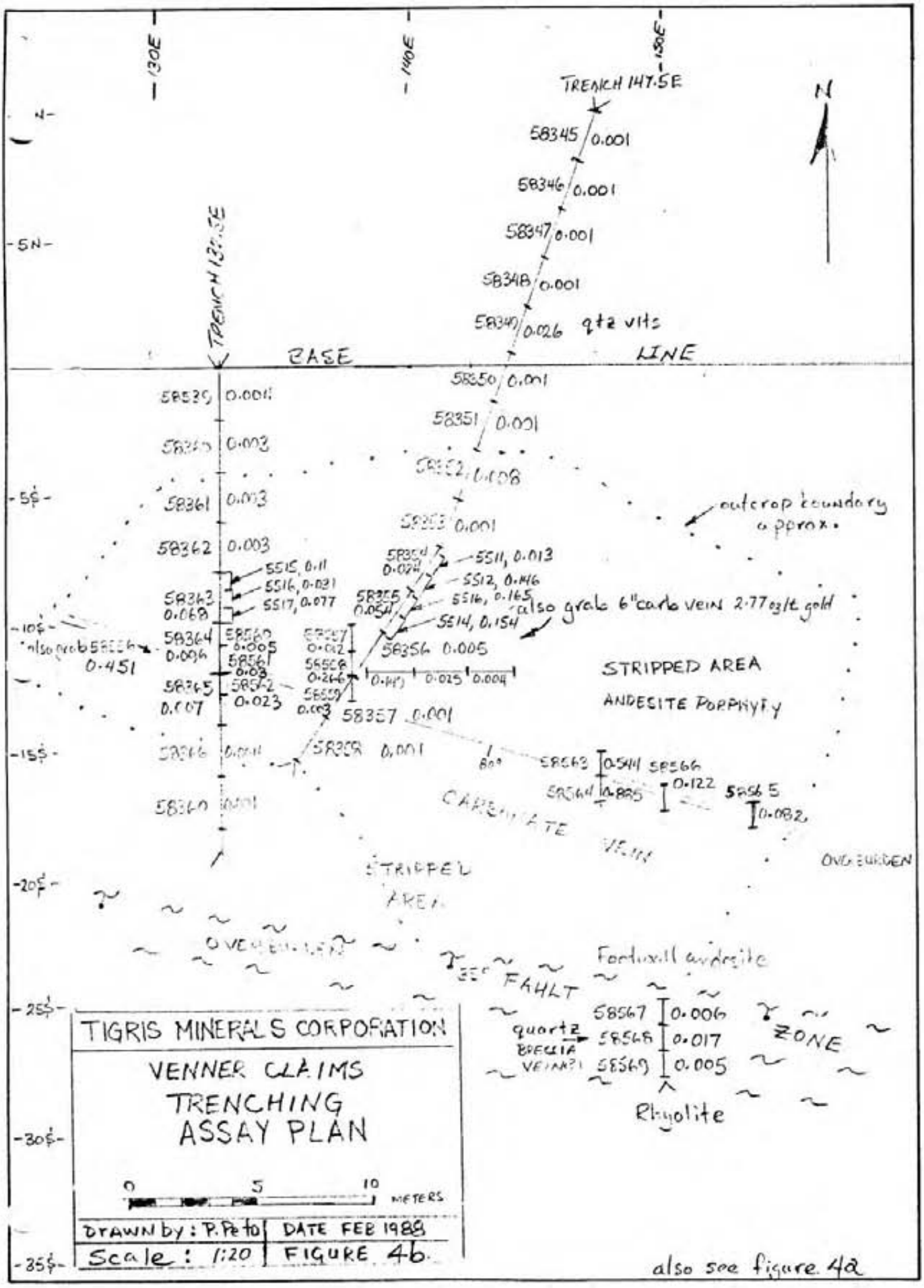
OK GOLD PROPERTY
SIMPLIFIED REGIONAL GEOLOGY

OSOYOOS M.D., B.C.

0 10 20 KM

N.T.S. 82E-6	DATE: FEB 1988
FROM LARABIE 1987	FIGURE No. 3

CHONG



TIGRIS MINERALS CORPORATION

VENNER CLAIMS

TRENCHING

ASSAY PLAN

DRAWN by: P. Peto | DATE FEB 1988

Scale: 1:20 | FIGURE 46.

also see figure 42

APPENDIX #2

DRILL HOLE LOG & ASSAYS

PROPERTY VENNER
DRILL HOLE NO. 21
DRILL TYPE NQ
DATES 20-21 JANUARY 1988

LOCATION 110E & 0+25S
ELEVATION 1507m
BEARING NORTH
DIP -45°

LENGTH 45.7m 150feet
% RECOVERY 100
LOGGED BY P. Peto
PAGE 1 OF TWO

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
	0	6.1	6.1			
58501	6.1	7.0	0.9	grey, fractured rhyolite, diss py, clay, carb vlts	0.003	
58502	7.0	8.0	1.0	rhyolite breccia, fault zone, diss py + clay	0.002	
58503	8	9	1	fractured grey rhyolite, clay seams, diss py	0.003	
58504	9	10	1	grey rhyolite, diss py, clay altn, chlor frac's	0.001	
58505	11	12	1	grey fractured rhyolite, diss py, qtz+carb vlts, clay seams	0.002	
58506	12	13	1	grey rhyolite, minor py, qtz+carb vlts	0.002	
58507	13	14	1	brecciated rhyolite, fault gouge, diss py, clay	0.003	
58508	14	15	1	rhyolite breccia, diss py, clay	0.005	
58509	15	16	1	grey rhyolite, diss py, chlor frac's, clay, carb vlts	0.003	
58510	16	17	1	grey compact rhyolite, diss py, qtz vlts to 1cm	0.008	
58511	17	18	1	grey compact rhyolite, diss py, carb frac's	0.001	
58512	18	19	1	grey rhyolite, diss py, clay, minor carb frac's	0.001	
58513	19	20	1	rhyolite fault Bx, diss py, clay, carb frac's	0.001	
58514	20	21	1	grey rhyolite, diss py, clay, carb vlts	0.001	
58515	21	22	1	grey rhyolite, weakly Bx, diss py, clay altn	0.001	
58516	22	23	1	rhyolite fault Bx, minor py & carb	0.004	
58517	23	24	1	altered rhyolite Bx, 15cm qtz+carb vein, clay altn	0.002	
58518	24	25	1	quartz + carbonate fault breccia, clay + hematite alt'n	0.006	
58519	25	26	1	fault Bx, clay + diss py + rhyolite clasts	0.003	
58520	26	27	1	green andesite, clay + chlor altn, hematite fault Bx	0.001	
58521	27	28	1	green andesite, no pyrite, fractured	0.001	

DRILL HOLE LOG & ASSAYS

PROPERTY VENNER
DRILL HOLE NO. 21
DRILL TYPE NQ
DATES 20-21 Jan 1988

LOCATION 110E & 0+25S
ELEVATION 1507m
BEARING North
DIP -45

LENGTH 150 feet
% RECOVERY 100
LOGGED BY P. Peto
PAGE 2 OF TWO

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	ASSAYS oz Ag
58522	28	29	1	dk gray andesite Bx, chlor alt'n, no pyrite	0.002	
58523	29	30	1	andesite Bx, 2cm qtz vne 29.3, carb frac fills	0.001	
58524	30	31	1	andesite Bx, hematite fracs, broken carb vlts	0.001	
58525	31	32	1	andesite Bx, minor carb fracs, no pyrite, chlor alt'n	0.009	
58526	32	33	1	andesite Bx	0.001	
58527	33	34	1	andesite Bx	0.001	
58528	34	35	1	andesite Bx	0.001	
58529	35	36	1	andesite Bx	0.001	
58530	36	37	1	fractured andesite, chlorite seams, carb frac's	0.001	
58531	37	38	1	andesite Bx, hematite alt'n	0.001	
58532	38	40	2	andesite, 2cm qtz vlt e 38.3, 50% core loss	0.001	
58534	40	41	1	andesite grey qtz vlts to 2mm, chlor alt'n	0.002	
58535	41	42	1	andesite, rare qtz vlts to 5mm, chlor alt'n, carb frac's	0.008	
58536	42	43	1	andesite, carb frac's, 1cm hematite seam e 43.5m	0.003	
58537	43	44	1	andesite, strong chlor alt'n, frac's carb	0.001	
58538	44	45	1	compact andesite, (EOH 45.75 m)	0.001	
				SYNOPTIC LOG.		
	0	6.1	6.1	CASING, glacial overburden + rhyolite		
	6.1	20.0	13.9	fractured, pyritic, strongly argillic rhyolite		
	20.0	26.7	6.7	fault gouge, clay + diss py, rhyolite clasts, (FAULT)		
	26.7	45.7	19.0	altered andesite, chlor + clay, No pyrite, cut by irreg. quartz vlts & carb fracture fills.		

PROPERTY VENNER
DRILL HOLE NO. 22
DRILL TYPE NQ
DATES 21-22 JANUARY 1988

DRILL HOLE LOG & ASSAYS
LOCATION 125E & 0+26S
ELEVATION 1509m
BEARING NORTH
DIP -45°

LENGTH 45.7m 150 feet
% RECOVERY 100
LOGGED BY P. Peto
PAGE 1 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
	0	4.87	4.87	CASING		
58539	5	6	1	pyritic, fractured rhyolite, irreg qtz vlts	0.001	
58540	6	7	1	" " " " " " to 3cm	0.001	
58541	7	8	1	" " " qtz+carb vlts, clay alt'n	0.001	
58542	8	9	1	grey, pyritic, broken rhyolite, 10cm qtz vein @ 8.25	0.007	
58543	9	10	1	brecciated rhyolite, pyrite+clay, qtz vlts to 3mm 30°∧CA	0.001	
58544	10	11	1	grey brecciated rhyolite, few qtz vlts	0.002	
58545	11	12	1	grey, pyritic, feldspar porphyry rhyolite	0.002	
58546	12	13	1	grey strongly argillic (clay) rhyolite, 30% coreloss	0.001	
58547	13	14	1	grey, pyritic rhyolite, 10cm carb vlte 13.9m, clay+carb	0.001	
58548	14	15	1	fault gouge, clay+hematite, 5cm carb vlte 14.2	0.001	
58549	15	16	1	dk green brecciated andesite, chlor+hematite matrix	0.002	
58550	16	17	1	brecciated andesite, chlor alt'n, no pyrite	0.001	
58601	17	18	1	andesite Bx, rare qtz vlts, chlor alt'n	0.001	
58602	18	19	1	andesite Bx	0.001	
58603	19	20	1	andesite Bx, qtz+calcite+siderite replacement Bx 19.5-19.9	0.040	
58604	20	21	1	andesite porphyry, rare qtz vlts, no pyrite	0.004	
58605	21	22	1	andesite porph.	0.001	
58606	22	23	1	andesite porph, few qtz vlts	0.001	
58607	23	24	1	bleached andesite porph, qtz vlts 40°∧CA, chlor-hem alt'n	0.003	
58608	24	25	1	andesite porph, fractures 0-10°∧CA	0.001	
58609	25	26	1	mottled andesite porph, patchy hematite alt'n	0.002	

PROPERTY VENNER
DRILL HOLE NO. 22
DRILL TYPE NQ
DATES 21-22 JAN 1988

DRILL HOLE LOG & ASSAYS
LOCATION 12SE & 0+26S
ELEVATION 1509m
BEARING NORTH
DIP -45°

LENGTH 45.7m
% RECOVERY 100%
LOGGED BY P. Peto
PAGE 2 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
58610	26	27	1	green & red andesite porphy, broken qtz vlts, hematite alt	0.020	
58611	27	28	1	" " " " " "	0.002	
58612	28	29	1	dk green andesite porph, few qtz+carb vlts	0.002	
58613	29	30	1	" " " " " "	0.002	
58614	30	31	1	andesite porph	0.001	
58615	31	32	1	" "	0.001	
58616	32	33	1	green to reddish andesite porph, patchy hematite alt	0.001	
58617	33	34	1	dk green andesite porph	0.001	
58618	34	35	1	" " " "	0.001	
58619	35	36	1	" " " " , qtz + siderite VNO 36.4 & 35.7	0.001	
58620	36	37	1	andesite porph	0.001	
58621	37	38	1	" "	0.001	
58622	38	39	1	" "	0.001	
58623	39	40	1	" " , few irreg carb fracs	0.001	
58624	40	41	1	" " " " " "	0.001	
58625	41	42	1	dk green, brecciated andesite, hematite alt, qtz vlts	0.020	
58626	42	43	1	red green " " porph, hematite alt	0.007	
58627	43	44	1	andesite porph	0.001	
58628	44	45	1	" " SYNOPTIC LOG	0.001	
58629	45.0 4.87	45.12 14.3	0.12 9.53	" fractured, pyritic, argillic rhyolite chert grey qtz vlts	0.370	
	14.3	19.9	5.6	Fault zone, 14.3 chloritic, argillic andesite Bx,		
	19.9	45.7	25.6	andesite porphyry, hematitic sections, chlor alt'n		

PROPERTY VENNER
DRILL HOLE NO. 23
DRILL TYPE NQ
DATES 22-23 JAN 1988

DRILL HOLE LOG & ASSAYS
LOCATION 137.5E & 0+25S
ELEVATION 1514m
BEARING NORTH
DIP -45°

LENGTH 45.7m 150feet
% RECOVERY 100
LOGGED BY P. Peto
PAGE 1 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
	0	4.27	4.27	CASING (14 feet)		
58630	4	5	1	dk green andesite porph	0.005	
58631	5	6	1	" " " " 15cm qtz vn e 6m	0.004	
58632	6	7	1	" " " " irreg carb vlts	0.007	
58633	7	8	1	altered andesite	0.005	
58634	8	9	1	weakly brecciated andesite, 10cm carb vlte 8.7m	0.013	
58635	9	10	1	" " "	0.003	
58636	10	11	1	" " " few carb vlts	0.005	
58637	11	12	1	" " " "	0.004	
58638	12	13	1	" " " " chlor alt	0.003	
58639	13	14	1	" " " " "	0.018	
58640	14	15	1	" " "	0.011	
58641	15	16	1	altered andesite porph	0.029	
58642	16	17	1	dk green, brecciated andesite, irreg. qtz vlts to 5mm	0.112	
58643	17	18	1	altered andesite porph, irreg carb+ " " "	0.001	
58644	18	19	1	dk green andesite porph, 5cm qtz vlt e 18.8, 45°CA, chlor	0.003	
58645	19	20	1	" " " " 10cm qtz vein e 19.3m, 45°CA	0.008	
58646	20	21	1	" " " ", chlor frac's, no pyrite	0.009	
58647	21	22	1	andesite porph	0.004	
58648	22	23	1	" ", few irreg carb vlts	0.006	
58649	23	24	1	" ", qtz vlt e 23.1m, chlor frac's	0.030	
58650	24	25	1	" ", chlor frac's, irreg carb vlts	0.002	

PROPERTY VENNER
DRILL HOLE NO. 23
DRILL TYPE NQ
DATES 22-23 JAN 1988

DRILL HOLE LOG & ASSAYS
LOCATION 137.5E & 0+25S
ELEVATION 1514 m
BEARING NORTH
DIP -45°

LENGTH 150 feet
% RECOVERY 100
LOGGED BY P. Peto
PAGE 2 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
58651	25	26	1	dk green, altered andesite Bx	0.001	
58652	26	27	1	" " " ", irreg qtz+carb vlts	0.017	
58653	27	28	1	altered andesite Bx, drusy qtz vn e 27.2m	0.024	
58654	28	29	1	dk green, fractured andesite porph, irreg carb vlts	0.001	
58655	29	30	1	" " " ", qtz vein to 2cm e 29.65	0.001	
58656	30	31	1	" " ", hematite seams, irreg carb vlts	0.001	
58657	31	32	1	" " "	0.001	
58658	32	34	2	dk green andesite porph, qtz vlts e 32.6 - 33.0 & 33.5m	0.001	
58660	34	35	1	dk green, andesite porph, qtz+carb vein e 34.3m to 5cm	0.003	
58661	35	36	1	" " " "	0.001	
58662	36	37	1	" " " ", carb vlt e 36.4m, weakly Bx	0.002	
58663	37	38	1	" " " ", qtz+carb vlts e 37.25m 45° CA, hematite seams	0.001	
58664	38	39	1	dk green andesite Bx	0.001	
58665	39	40	1	" " " ", rare qtz vlts 45° CA. e	0.001	
58666	40	41	1	" " " porph	0.001	
58667	41	42	1	" " " Bx, chlor+hematite matrix	0.001	
58668	42	43	1	" " " "	0.001	
58669	43	44	1	" " " "	0.003	
58670	44	45	1	" " " porph	0.001	
58671	45	45.75	0.75	" " " Bx & qtz vein e 45° CA e 45.5m	0.001	
				SYNOPSIS		
	0	45.75	45.75	dk green, altered andesite porph, locally Bx'd, qtz+carb vlts		

DRILL HOLE LOG & ASSAYS

PROPERTY VENNER
DRILL HOLE NO. 24
DRILL TYPE NQ
DATES 29 June 1988

LOCATION 170E & 0+32S'
ELEVATION 1518 m
BEARING 325° Azimuth
DIP -45°

LENGTH 45.7m 150 feet
% RECOVERY ≈100
LOGGED BY P. Peto
PAGE 1 OF ONE

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS Geochem oz Au	oz Ag	gold (ppb)
	0	5.8	5.8	CASING (19 feet)			
	5.8	7.0	1.2	grey, compact rhyolite, carb vlts, 20% core loss			
	7.0	7.6	0.6	grey clay fault gouge			
	7.6	9.5	1.9	rhyolite & fault gouge, qtz vein @ 8.65 - 8.40, 90° ACA			
	9.5	15.5	6.0	dk green (chlorite) altered andesite, minor py, qtz+carb vlts			
	15.5	16.6	1.1	fault gouge			
	16.6	23.0	6.4	altered dk green andesite, clay seam @ 20.0 - 20.5m			
	23.0	45.73	22.7	dk green, andesite porphyry, hem fault seam 34.5, qtz vein @ 36.5m a few irregular qtz+carb vlts, chlor frac's			
5526	8.3	8.65	0.35	pyritic quartz vein in altered rhyolite			21
5527	9.0	11.0	1.0	footwall, altered andesite, qtz+carb vlts			56
5528	11.0	13.0	2.0	altered green andesite			33
5529	13.0	15.0	2.0	" " "			13
5530	15.0	17.0	2.0	clay fault gouge 16.6 - 16.0m, altered andesite			103
5531	17.0	19.0	2.0	altered clay rich andesite, few carb vlts			13
5532	19.0	21.0	2.0	green, altered andesite, " " "			20
5533	21.0	23.0	2.0	" " " , clay+hem @ 23.4, carb vlts			156
5534	34.0	35.0	1.0	grey green andesite, 2 qtz vlts, hematite seams @ 34.5 - 34.7			88
5535	36.3	36.7	0.40	15cm qtz+carb vlt in altered grey andesite			51

DRILL HOLE LOG & ASSAYS

PROPERTY VENNER
DRILL HOLE NO. 25
DRILL TYPE NQ
DATES 23-25 JANUARY 1988

LOCATION 0+60E & 0+85S
ELEVATION 1498 m
BEARING NORTH
DIP -45°

LENGTH 92.7m 304 feet
% RECOVERY ~100
LOGGED BY P. Peto
PAGE 1 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
	0	5.8	5.8	CASING (19 feet)		
58672	5.8	7.0	1.2	grey, fractured rhyolite, clay Pyritic seams, carb fracs	0.001	
58673	7.0	8.0	1.0	fault gouge	0.001	
58674	8.0	9.0	1.0	dk green, brecciated andesite	0.006	
58675	9.0	10.0	1.0	" " " , hematite seam 9.5-9.75	0.004	
58676	10.0	11.0	1.0	hematitic andesite Breccia	0.002	
58677	11.0	12.0	1.0	fault gouge 11.0-11.5m andesite Bx	0.005	
58678	12.0	15.0	3.0	clay + hematite fault gouge, 60% core loss	0.007	
58679	15.0	16.0	1.0	fractured grey pyritic andesite / rhyolite?	0.002	
58680	16.0	17.0	1.0	fractured andesite Bx	0.003	
58681	17.0	18.0	1.0	green & reddish andesite Bx, hematitic	0.001	
58682	18.0	19.0	1.0	hematitic andesite Bx	0.003	
58683	19.0	20.0	1.0	andesitic fault gouge, clay + py + hematite, carb vlts	0.007	
58684	20.0	21.0	1.0	greyish green, andesite? Breccia, clay altn	0.003	
58685	21.0	22.0	1.0	greyish green, andesite Bx strong clay altn	0.001	
58686	22.0	23.0	1.0	dk grey, andesite bx, few qtz+carb vlts, diss py	0.001	
58687	23.0	24.0	1.0	" " " " , clay altn, diss py, qtz+carb vlts	0.001	
58688	30.0	31.0	1.0	dk grey, compact, andesite, clay altn, diss py, qtz vnlts	0.002	
58689	31.0	32.0	1.0	" " " " "	0.001	
58690	32.0	34.0	2.0	" " " , clay altn & qtz+carb vlts	0.001	
58691	34.0	35.0	1.0	" " " , clay altn, 5cm qtz vein, diss py	0.001	
58692	37.0	39.0	2.0	weakly brecciated, dk grey andesite, clay altn, qtz+carb vlts	0.001	

PROPERTY VENNER
DRILL HOLE NO. 25
DRILL TYPE NQ
DATES 23-25 JANUARY 1986

DRILL HOLE LOG & ASSAYS
LOCATION 0+60E 8 0+85S
ELEVATION 1498m
BEARING North
DIP -45°

LENGTH 304ft 92.7m
% RECOVERY ~100
LOGGED BY P. Peto
PAGE 2 OF two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
58693	44.0	46.0	2.0	dk grey, pyritic andesite, irreg qtz+carb vlts	0.001	
58694	46.0	48.0	2.0	" " " , 30cm carb vnlt 47.0-47.3	0.004	
58695	48.0	50.0	2.0	" " " " , clay alt'n, few qtz+carb vlts	0.003	
58696	50.0	52.0	2.0	" " " " , weakly Bx, " " "	0.001	
58697	57.0	59.0	2.0	" " " " , moderately Bx, few carb vlts	0.001	
58698	60.0	62.0	2.0	grey green, pyritic andesite, bx in part carb vlts	0.001	
58699	62.0	64.0	2.0	" " andesite Bx, diss py, fault zone	0.001	
58700	66.0	68.0	2.0	clay fault gouge & Bx, irreg carb vlts	0.001	
58701	68.0	70.0	2.0	andesite Bx	0.001	
58702	70.0	72.0	2.0	" "	0.001	
58703	72.0	74.0	2.0	" "	0.001	
58704	74.0	76.0	2.0	" "	0.001	
58705	76.0	78.0	2.0	andesitic fault Bx, agglomeritic(?) chlorite matrix	0.001	
58706	78.0	80.0	2.0	" " " " "	0.001	
58707	80.0	82.0	2.0	" " " " "	0.001	
58708	82.0	84.0	2.0	" " " , qtz+carb Bx 83.5-84.0	0.001	
58709	84.0	86.0	2.0	grey green, andesite fault Bx, chlor alt'n, qtz+carb vlts	0.001	
58710	91.0	92.0	1.0	green andesite Bx, qtz+carb vlts	0.001	
				SYNOPSIS		
	0	7.0	7	altered rhyolite		
	7.0	14.7	7.7	fault zone in rhyolite & andesite		
	14.7	92.7	78	grey & green, fractured andesite, locally brecciated, qtz+carb vlts		

PROPERTY VENNER
DRILL HOLE NO. 26
DRILL TYPE NQ
DATES 26-27 January 1988

DRILL HOLE LOG & ASSAYS
LOCATION 112.5E & 0+50N
ELEVATION 1512 m
BEARING NORTH
DIP -45°

LENGTH 48.8m 160 feet
% RECOVERY 100%
LOGGED BY P. Peto
PAGE 1 OF ONE

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
	0	5.49	5.49	CASING (18 feet.)		
58711	6	8	2	dk green, highly fractured, andesitic conglomerate	0.001	
58712	8	10	2	" conglomerate, clay + grit matrix	0.001	
58713	10	12	2	" Conglomerate, altered, fault zone?	0.001	
58714	12	14	2	" " , argillic matrix, minor pyrite,	0.001	
58715	14	16	2	" " " " "	0.001	
58716	16	18	2	" " , clay matrix, minor pyrite, poorly sorted	0.001	
58717	18	20	2	" " " " " "	0.001	
58718	20	22	2	" " " "	0.001	
58719	22	24	2	" "	0.001	
58720	24	26	2	" "	0.001	
58721	26	28	2	" " weakly pyritic, clay alt'n	0.001	
58722	28	30	2	" "	0.001	
58723	44	46	2	argillaceous Conglomerate, ribbon banded qtz + carb-VN	0.001	
				SYNOPSIS		
	5.49	48.78		dk grey green, poorly sorted volcanic conglomerate consisting of subrounded to rounded andesite clasts, few rhyolite? clasts, some qtz pebbles, set in a clay rich (argillic) to gritty matrix. Thin coal seams @ 37.5, 37.11, 39.9. Weakly altered 9-16 m, diss pyrite, clay alt'n, qtz + carb-vlts		

DRILL HOLE LOG & ASSAYS

PROPERTY VENNER
DRILL HOLE NO. 27
DRILL TYPE NQ
DATES 28-29 JANUARY 1988

LOCATION 182E & 0+26.5S
ELEVATION ~ 1536 m
BEARING 330° Azimuth
DIP −45°

LENGTH 45.7m 150 feet
% RECOVERY 100
LOGGED BY P. Peto
PAGE 1 OF ONE

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS ; Geochem				
					oz Au	oz Ag		gold	(ppb)
	0	3.65	3.65	CASING					
	3.65	15.7		beige, highly fractured, rhyolite, cut by carb & clay seams					
58741	15.7	16.1	0.4	pyritic fault gouge ē andesite clasts, 25cm qtz vein	0.003				
58742	16.1	18.0	1.9	dark green, chloritic andesite Bx, irreg carb-v lts,	0.009				
58743	18.0	20.0	2.0	" " " " " "				98	
58744	20.0	22.0	2.0	" " fractured andesite				38	
58745	22.0	24.0	2.0	" " altered andesite, irreg qtz-carb-v lts				60	
58746	24.0	26.0	2.0	" " argillic andesite fault Bx, " "					
58747	26.0	28.0	2.0	" " andesite Bx				37	
58748	32.0	33.0	1.0	" " " " , qtz+carb v lts				10	
58749	33.0	34.0	1.0	" " andesite porph, cut by qtz+carb v lts				9	
58750	34.0	35.0	1.0	" " " " " "				8	
5523	38.0	40.0	2.0	dk green andesite, chlor altn, clay seams,				18	
5524	40.0	40.5	0.5	" " " , + qtz+carb vein				16	
5525	41.0	42.0	1.0	dk green andesite Bx				40	
				SYNOPSIS					
	3.65	16.1		fractured, argillic rhyolite ē carb fracs & clay seams					
	16.1	22.5		fault zone in chloritic, pyritic andesite					
	22.5	27.4		fractured & brecciated andesite porphyry					
	27.4	45.7		dk green, andesite porphyry, irreg. qtz+carb v lts					

DRILL HOLE LOG & ASSAYS

PROPERTY VENNER
DRILL HOLE NO. 28
DRILL TYPE NQ
DATES 30 JAN to 4 Feb 1988

LOCATION 187E 8 0+55S
ELEVATION 1533 m
BEARING 55° AZimuth
DIP -45°

LENGTH 103.7m 340 feet
% RECOVERY 100
LOGGED BY P. Peto
PAGE 1 OF ONE

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	ASSAYS oz Ag		Geochem gold ppb	
	0	4.27	4.27	CASING (14 feet)					
	4.27	28.0		rusty, fractured rhyolite (qtz+feldspar porphyry)					
				cut by thin clay seams, irreg carb frac's, minor pyrite					
	28.0	30.2		crystal tuff(?), pyritic + clay matrix					
	30.2	52.0		grey, v. fn. gr. qtz-feld rhyolite porphyry					
	52.0	57.0		altered, green (chlor + clay) andesite, minor pyrite					
	57.0	103.66		grey, v. fn. gr., rhyolite, locally brecciated & fractured					
5557	52	54	2	green andesite, chlor + hematite + clay alt'n					
5558	54	56	2	" " " " " " few carb vlts				440	
5559	56	57	1	" " " " " , minor pyrite				210	
								45	

PROPERTY VENNER
DRILL HOLE NO. 29
DRILL TYPE NQ
DATES 4-5 February 1988

DRILL HOLE LOG & ASSAYS
LOCATION 112E & 0+065
ELEVATION 1509
BEARING VERTICAL
DIP -90°

LENGTH 190 feet
% RECOVERY ~100
LOGGED BY P. Peto
PAGE 3 OF Three

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	ASSAYS oz Ag		Geochem gold	Geochem ppb
58553	55	56	1	hematitic compact andesite, 5cm clay seam	0.002			80	
58554	56	57	1	" " ", few carb-vlts, 25% core loss?	0.002			70	
58555	57	57.9	0.9	" " ", qtz+carb-vlts, diss py	0.001			50	
				SYNOPSIS					
	0	8.53		overburden, rhyolite fault gouge, cussing (24ft)					
	8.53	16.85		strongly altered clay+chlor+py andesitic? fault gouge, hanging wall.					
	16.85	18.0		carbonate+chlorite replacement Breccia					
	18.0	18.8		fault gouge					
	18.8	36.0		dk green, altered andesite, locally hematitic					
	36.0	57.9		altered andesite Bx, largely hematitic & locally brecciated, fractured ± qtz+carb vlts.					

PROPERTY VENNER
DRILL HOLE NO. 29
DRILL TYPE NQ
DATES 4-5 FEBRUARY 1988

DRILL HOLE LOG & ASSAYS
LOCATION 112E865
ELEVATION 1509m
BEARING NONE
DIP -90° VERTICAL

LENGTH 57.9m 190feet
% RECOVERY ~100
LOGGED BY P. Peto
PAGE 1 OF Three

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	ASSAYS oz Ag		GEOCHEM gold	GEOCHEM ppb
	0	8.53	8.53	CASING (28 feet) W side of trench					
5560	9	10	1	pyritic fault gouge				55	
5561	10	12	2	" " " 25% core loss, clay altn				35	
5562	12	13	1	strongly altered rhyolite?, qtz vlts, clay seams, py				115	
5563	13	14	1	pyritic rhyolite strong clay, irreg carb vlts, Bx				130	
5564	14	15	1	grey-green andesite Bx, clay + chlor + py altn				60	
5565	15	16.85	1.85	" " " " " " 10% core loss				90	
5566	16.85	18.0	1.15	ankerite? + calcite + chlorite replacement Breccia				20	
5567	18	19	1	fault gouge 18-18.6, chloritic andesite 18.6-19.0				190	
5568	19	20	1	chloritic andesite				40	
5569	20	21	1	andesite porphyry				60	
5570	21	22	1	brecciated andesite - hematite seam				30	
5571	22	23	1	altered andesite				55	
5572	23	25	2	altered andesite, 15cm qtz vein + 30cm hematite + clay seam				1000	
5573	25	26	1	dk green andesite porphyry				30	
5575	26	27	1	fractured chloritic andesite				20	
5576	27	28	1	" " "				35	
5577	28	30	2	" andesite, hematitic fault gouge 29.-29.6, 20% core loss				220	
5578	30	31	1	brecciated andesite, chlor + clay altn				35	
5579	31	32	1	" "				250	
5580	32	33	1	fractured andesite, few carb vlts, hematite altn	0.076			2620	
5581	33	34	1	reddish green brecciated andesite, hematite matrix				25	

PROPERTY VENNER
DRILL HOLE NO. 29
DRILL TYPE NQ
DATES 4-5 Febuary 1988

DRILL HOLE LOG & ASSAYS
LOCATION 112E 8040GE
ELEVATION 1509
BEARING VERTICAL
DIP -90°

LENGTH 190'
% RECOVERY 100
LOGGED BY P. Peto
PAGE 2 OF Three

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	ASSAYS oz Ag		GEOCHEM Gold ppb	
5582	34	35	1	hematitic andesite				145	
5583	35	36	1	altered andesite, few irreg. qtz+carb vlts	0.094			3240	
5584	36	37	1	weakly brecciated andesite, " " "				15	
5585	37	38	1	reddish green andesite, chlor+hem matrix, carb+Fl vlts.				15	
5586	38	39	1	hematitic andesite Bx, carb vlts				15	
5587	39	40	1	" " " "				10	
5588	40	41	1	" " "				10	
5589	41	42	1	" " " carb vlts, minor pyr.				20	
5590	42	43	1	hematitic crackle Breccia ē carb frac's				25	
5591	43	44	1	" andesite breccia, carb frac's				20	
5592	44	45	1	hematitic andesite				80	
5593	45	46	1	dk green, crushed, altered andesite				290	
5594	46	47	1	reddish green, crushed andesite, carb vlts				160	
5595	47	48	1	" " " " , minor pyrite				65	
5596	48	49	1	green altered andesite crackle Bx, hem in part.				30	
5597	49	50	1	hematitic andesite crackle Bx, carb vlts				60	
5598	50	51	1	altered, crushed andesite, few qtz+carb vlts				140	
5599	51	52	1	" " " " , diss py				70	
5600	52	53	1	hematitic, crushed andesite " " "				35	
58551	53	54	1	dk red, compact, hematitic andesite, diss py, carb vlts	0.003			120	
58552	54	55	1	hematitic andesite, carb vlts, 54.57-55 fault Bx	0.002			60	
				33% core loss					

DRILL HOLE LOG & ASSAYS

PROPERTY VENNER
DRILL HOLE NO. 9 to 13
DRILL TYPE BQ
DATES 1983

LOCATION
ELEVATION
BEARING
DIP

LENGTH
% RECOVERY
LOGGED BY P. Peto
PAGE 1 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	oz Ag
				Additional CORE samples collected from 1983 HOLES		
58724	47	48	1m	DDH 83-9 brecciated andesite qtz vlts	0.001	
58725	48	49	1	" " " "	0.001	
58726	49	50	1	" " " "	0.001	
58727	54	55	1	" " " qtz+carb vlts	0.001	
58728	55	56	1	" qtz+carb brecciated andesite replacement vlts	0.120	
58729	15.0	15.5	0.5	DDH 83-11 pink qtz+carb vein in green andesite	0.001	
58730	25	27	2.0	" andesite porph ± 9 qtz vlts	0.001	
58731	35	37	2.0	" dark green fault Bx ± qtz vlts	0.001	
58732	91.5	93.0	1.5	" 13 qtz vlts in altered andesite porph	0.002	
58733	15.1	16.1	1.0	DDH 83-12, qtz+carb Bx in fault	0.005	
58734	24.1	25.1	1.0	" altered andesite, 6 qtz vlts	0.001	
58735	84.15	86.15	2.0	" chloritic andesite, qtz+carb Bx zone 85.5	0.001	
58736	88.0	89.0	1.0	" altered andesite + carb vlts	0.004	
58737	91.5	92.5	1.0	" " " " + chlor alt'n	0.001	
58738	107.8	106.3	1.5	DDH 83-13, altered andesite cut by qtz+carb+Fluorite vn	0.001	
58739	116.5	119.5	3.0	altered andesite, some qtz+carb vlts, DDH 83-13	0.001	
58740	119.5	123.0	3.5	" " , clay alt'n "	0.001	

PROPERTY VENNER
DRILL HOLE NO. 7 to 19
DRILL TYPE BQ
DATES 1983

DRILL HOLE LOG & ASSAYS
LOCATION
ELEVATION
BEARING
DIP

LENGTH
% RECOVERY
LOGGED BY P. Peto
PAGE 2 OF Two

SAMPLE	FROM	TO	LENGTH	NOTES	ASSAYS oz Au	ASSAYS oz Ag		GEOCHEM gold	GEOCHEM ppb
5536	13.0	13.5	0.5	DDH 83-7				38	
5537	17	18	1	"				77	
5538	31.6	32.6	1	"				101	
5539	37.7	38.6	1	"				33	
5540	66.0	67.5	1.5	" Pyritic fault zone				54	
5541	14.8	15.9	1.1	DDH 83-8 andesite 3 qtz vlts				32	
5543	121.5	123.5	2.0	DDH 83-15 andesite crackle Bx, qtz+carb+ Fl vlts				98	
5544	37	39	2.0	DDH 83-16 andesite crackle Bx, carb vlts				38	
5545	39	41	2.0	DDH 83-16 " " "				60	
5546	41	43	2.0	" " " " " , qtz+carb vlts				65	
5547	43	44.5	1.5	" " andesite " " , " " "				70	
5548	79	81	2.0	" " " " " , fault gouge 79-79.5				10	
5549	81	83	2.0	" " " " "				60	
5550	83	85	2.0	" " " " , minor pyrite				9	
5551	118	119	1.0	DDH 83-16 crackle Bx, andesite, " "				20	
5552	135	137	2.0	" " " " " "				25	
5553	137	139	2.0	" " andesite porph, chlor+py altn				20	
5554	139	141	2.0	" " andesite crackle Bx				20	
5555	141	143	2.0	" " " " "				20	
5556	51	53	2.0	DDH 83-19 bleached pyritic fault zone c qtz clasts				95	

APPENDIX # 1

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JAN 14 1988
DATE REPORT MAILED: Jan. 18/88.

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCKS AU - 10 GM REGULAR ASSAY.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS PROJECT-VENNER CLAIMS File # 88-0104 Page 1

SAMPLE#	AU oz/t
E58301	.001
E58302	.001
E58303	.047
E58304	.001
E58305	.001
E58306	.001
E58307	.001
E58308	.003
E58309	.004
E58310	.053
E58311	.021
E58312	.007
E58313	.002
E58314	.001
E58315	.001
E58316	.001
E58317	.006
E58318	.002
E58319	.003
E58320	.012
E58321	.001
E58322	.010
E58323	.056
E58324	.352
E58325	.267
E58326	.006
E58327	.002
E58328	.001
E58329	.002
E58330	.002
E58331	.004
E58332	.131
E58333	.001
E58334	.001
E58335	.002
E58336	.001

SAMPLE#	AU oz/t
E58337	.002
E58338	.002
E58339	.001
E58340	.002
E58341	.001
E58342	.001
E58343	.001
E58344	.001
TRENCH WALL 187.5	.013

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JAN 15 1988
DATE REPORT MAILED: Jan. 20/88.

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS CORP. PROJECT-VENNER File # 88-0115 Page 1

SAMPLE#	AU** oz/t	
58345	.001	Trench 147.5 E 10N - 8N
58346	.001	
58347	.001	
58348	.001	
58349	.026	2N - 0N ALL
58350	.001	
58351	.001	
58352	.008	
58353	.001	
58354	.024	8S - 10S
58355	.054.	10 - 12S
58356	.005	
58357	.001	
58358	.001	END
58359	.004	Trench 137.5 E
58360	.003	
58361	.003	
58362	.003	
58363	.068*	
58364	.096*	
58365	.007	
58366	.004	
58367	.001	
58368	.016	Trench 140 E 10 - 2N
58369	.001	
58370	.001	
58371	.001	
58372	.001	
58373	.001	
58374	.001	
58375	.001	
58376	.001	
58377	.005	
58378	.001	
58379	.001	
58380	.001	

SAMPLE#	AU** oz/t
58381	.005
58382	.003
58383	.003
58384	.003
58385	.003
58386	.003
58387	.002
GRAB TRECH 1+12.5E	.002
GRAB TRECH 137.5	.017
GRAB CALCITE 1+52E	2.770
OUTCROP 1+50E	.071

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JAN 19 1988
DATE REPORT MAILED: Jan 22/88

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS CORP. File # 88-0141

SAMPLE#	AU** oz/t	
H 58458	.001	Trench 137.5E 76-725
H 58459	.001	
H 58460	.001	
H 58461	.001	
H 58462	.007	
H 58463	.001	
H 58464	.002	End
H 58465	.001	Trench 137.5 E 40-425
H 58466	.001	
H 58467	.001	
H 58468	.001	
H 58469	.001	End
H 58470	.001	Trench 100 E 705 - 725
H 58471	.004	
H 58472	.002	
H 58473	.001	
H 58474	.002	
H 58475	.001	
H 58476	.001	
H 58477	.001	End
H 58478	.002	Trench 0+50E 57-525
H 58479	.001	
H 58480	.001	
H 58481	.001	
H 58482	.001	
H 58483	.001	
H 58484	.001	
H 58485	.001	
H 58486	.001	
H 58487	.001	End 75-775
H 58488	.002	Trench 1+00E 35-375
H 58489	.001	

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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JAN 19 1988
DATE REPORT MAILED: Jan. 22/88

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS CORP. File # 88-0137 Page 1

SAMPLE#	AU** oz/t	
		Trench 112.5E 85-87N
E 58388	.002	
E 58389	.003	
E 58390	.007	
E 58391	.004	73-70N
E 58392	.048	
		End
E 58393	.002	Trench 112.5E 10-12N
E 58394	.011	
E 58395	.004	
E 58396	.001	
E 58397	.004	
E 58398	.011	End 112.5E 28-22N
E 58399	.003	
E 58400	.002	Trench 112.5E 30-32N
E 58401	.002	
E 58402	.002	
		36-38S
E 58403	.018	
E 58404	.006	
E 58405	.002	
E 58406	.001	
E 58407	.001	
		49-50E
E 58408	.001	
E 58409	.001	End
E 58410	.002	Trench 0+20E 23-21S
E 58411	.003	
E 58412	.012	12-16S
E 58413	.001	End
E 58414	.003	Trench 0+75E 0-2S
E 58415	.001	
E 58416	.001	
E 58417	.001	
E 58418	.007	
E 58419	.003	
E 58420	.001	
E 58421	.001	
E 58422	.001	
E 58423	.001	End 19.70E

SAMPLE#	AU** oz/t	
E 58424	.007	Trend 0-5E 2-4N
E 58425	.001	
E 58426	.003	
E 58427	.002	
E 58428	.003	
E 58429	.001	2-6N
E 58430	.020	
E 58431	.001	
E 58432	.001	
E 58433	.001	
E 58434	.001	
E 58435	.001	12-6S
E 58436	.011	
E 58437	.002	
E 58438	.002	
E 58439	.003	
E 58440	.003	
E 58441	.003	
E 58442	.002	End
E 58443	.001	Trend 0+25E 8-6N
E 58444	.001	
E 58445	.001	
E 58446	.001	
E 58447	.001	
E 58448	.002	
E 58449	.007	
E 58450	.014	
E 58451	.007	End N 147.5 E5-9S
E 58452	.003	
E 58453	.002	
E 58454	.001	
E 58455	.003	
E 58456	.005	
E 58457	.006	14-16S
TRENCH 1+50E 2ME	.004	0-2E
TRENCH 1+50E 4ME	.025	4-6E? geraldo
TRENCH 1+50E 4MEA	.149*	R-4E

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JAN 27 1988
DATE REPORT MAILED: Jan 29/88

ASSAY CERTIFICATE

- SAMPLE TYPE: Core AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS CORP. PROJECT-VENNER CLAIM File # 88-0242

SAMPLE#	AU** oz/t
DDH88-25 58672	.001
DDH88-25 58673	.001
DDH88-25 58674	.006
DDH88-25 58675	.004
DDH88-25 58676	.002
DDH88-25 58677	.005
DDH88-25 58678	.007
DDH88-25 58679	.002
DDH88-25 58680	.003
DDH88-25 58681	.001
DDH88-25 58682	.003
DDH88-25 58683	.007
DDH88-25 58684	.003
DDH88-25 58685	.001
DDH88-25 58686	.001
DDH88-25 58687	.001
DDH88-25 58688	.002
DDH88-25 58689	.001
DDH88-25 58690	.001
DDH88-25 58691	.001
DDH88-25 58692	.001
DDH88-25 58693	.001
DDH88-25 58694	.004
DDH88-25 58695	.003
DDH88-25 58696	.001
DDH88-25 58697	.001
DDH88-25 58698	.001
DDH88-25 58699	.001
DDH88-25 58700	.001
DDH88-25 58701	.001

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JAN 27 1988
DATE REPORT MAILED: Feb. 1/88

ASSAY CERTIFICATE

- SAMPLE TYPE: CORE/ROCK AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS CORP. File # 88-0232

SAMPLE#	AU** oz/t	
L 5501	.031	
L 5502	.019	
L 5503	.016	
L 5504	.035	
L 5505	.075	
L 5506	.019	
L 5507	.001	
L 5508	.009	
L 5509	.001	
L 5510	.001	
L 5511	.013	
L 5512	.146	
L 5513	.165	58354-55
L 5514	.154	
L 5515	.011	
L 5516	.031	
L 5517	.077	
L 5518	.022	
L 5519	.005	
L 5520	.081	
L 5521	.003	
L 5522	.005	
58702	.001	
58703	.001	
58704	.001	
58705	.001	
58706	.001	
58707	.001	
58708	.001	
58709	.001	
58710	.001	

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JAN 28 1988
DATE REPORT MAILED: Feb 1/88

ASSAY CERTIFICATE

- SAMPLE TYPE: Core AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS CORP. File # 88-0250

SAMPLE#	AU** oz/t
E 58711	.001
E 58712	.001
E 58713	.001
E 58714	.001
E 58715	.001
E 58716	.001
E 58717	.001
E 58718	.001
E 58719	.001
E 58720	.001
E 58721	.001
E 58722	.001
E 58723	.001

ACME ANALYTICAL LABORATORIES LTD.
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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JAN 27 1988
DATE REPORT MAILED: Feb. 2/88...

ASSAY CERTIFICATE

- SAMPLE TYPE: Core AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong.. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS CORP. PROJECT-VENNER CLAIM File # 88-0233 Page 1

SAMPLE#	AU** oz/t	
DDH88-21 58501	.003	6-7m
DDH88-21 58502	.002	
DDH88-21 58503	.003	
DDH88-21 58504	.001	
DDH88-21 58505	.002	
DDH88-21 58506	.002	
DDH88-21 58507	.003	
DDH88-21 58508	.005	
DDH88-21 58509	.003	
DDH88-21 58510	.008	16-17m
DDH88-21 58511	.001	
DDH88-21 58512	.001	
DDH88-21 58513	.001	
DDH88-21 58514	.001	
DDH88-21 58515	.001	
DDH88-21 58516	.004	
DDH88-21 58517	.002	
DDH88-21 58518	.006	24-25m
DDH88-21 58519	.003	
DDH88-21 58520	.001	
DDH88-21 58521	.001	
DDH88-21 58522	.002	
DDH88-21 58523	.001	
DDH88-21 58524	.001	
DDH88-21 58525	.009	31-32m
DDH88-21 58526	.001	
DDH88-21 58527	.001	
DDH88-21 58528	.001	
DDH88-21 58529	.001	
DDH88-21 58530	.001	
DDH88-21 58531	.001	
DDH88-21 58532	.001	
DDH88-21 58534	.002	
DDH88-21 58535	.008	41-42m
DDH88-21 58536	.003	
DDH88-21 58537	.001	43-44m

SAMPLE#	AU** oz/t	
DDH88-21 58538	.001	44-45m
DDH88-22 58539	.001	5-6 m
DDH88-22 58540	.001	
DDH88-22 58541	.001	
DDH88-22 58542	.007	8-9m
DDH88-22 58543	.001	
DDH88-22 58544	.002	
DDH88-22 58545	.002	
DDH88-22 58546	.001	
DDH88-22 58547	.001	
DDH88-22 58548	.002	
DDH88-22 58549	.002	
DDH88-22 58550	.001	16-17m
DDH88-22 58601	.001	17-18m
DDH88-22 58602	.001	
DDH88-22 58603	.040	19-20 m
DDH88-22 58604	.004	
DDH88-22 58605	.001	
DDH88-22 58606	.001	
DDH88-22 58607	.003	
DDH88-22 58608	.001	
DDH88-22 58609	.002	
DDH88-22 58610	.020	26-27 m
DDH88-22 58611	.002	
DDH88-22 58612	.002	
DDH88-22 58613	.002	
DDH88-22 58614	.001	
DDH88-22 58615	.001	
DDH88-22 58616	.001	
DDH88-22 58617	.001	
DDH88-22 58618	.001	
DDH88-22 58619	.001	
DDH88-22 58620	.001	36-37m
DDH88-22 58621	.001	
DDH88-22 58622	.001	
DDH88-22 58623	.001	39-40 m

SAMPLE#	AU** oz/t	
DDH88-22 58624	.001	40 - 41 m
DDH88-22 58625	.020	
DDH88-22 58626	.007	42 - 43 m
DDH88-22 58627	.001	
DDH88-22 58628	.001	
DDH88-22 58629	.370	45.0 - 45.72 m
DDH88-23 58630	.005	4 - 5 m
DDH88-23 58631	.004	
DDH88-23 58632	.007	
DDH88-23 58633	.005	
DDH88-23 58634	.013	8 - 9 m
DDH88-23 58635	.003	
DDH88-23 58636	.005	
DDH88-23 58637	.004	
DDH88-23 58638	.003	
DDH88-23 58639	.018	13 - 14 m
DDH88-23 58640	.011	
DDH88-23 58641	.029	15 - 16 m
DDH88-23 58642	.112	16 - 17 m
DDH88-23 58643	.001	
DDH88-23 58644	.003	
DDH88-23 58645	.008	19 - 20 m
DDH88-23 58646	.009	
DDH88-23 58647	.004	
DDH88-23 58648	.006	
DDH88-23 58649	.030	23 - 24 m
DDH88-23 58650	.002	
DDH88-23 58651	.001	
DDH88-23 58652	.017	26 - 27 m
DDH88-23 58653	.024	27 - 28 m
DDH88-23 58654	.001	
DDH88-23 58655	.001	
DDH88-23 58656	.001	
DDH88-23 58657	.001	
DDH88-23 58659	.001	
DDH88-23 58660	.003	34 - 35 m

SAMPLE#	AU** oz/t	
DDH88-23 58661	.001	
DDH88-23 58662	.002	
DDH88-23 58663	.001	
DDH88-23 58664	.001	
DDH88-23 58665	.001	
DDH88-23 58666	.001	
DDH88-23 58667	.001	
DDH88-23 58668	.001	
DDH88-23 58669	.003	
DDH88-23 58670	.001	
DDH88-23 58671	.001	45.0 - 45.75m

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: FEB 01 1988
DATE REPORT MAILED: Feb. 4/88

ASSAY CERTIFICATE

- SAMPLE TYPE: Core AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS File # 88-0277

SAMPLE#	AU** oz/t	
E 58724	.001	
E 58725	.001	
E 58726	.001	
E 58727	.001	
E 58728	.120	← DDH 83-9 55.54m
E 58729	.001	
E 58730	.001	
E 58731	.001	
E 58732	.002	
E 58733	.005	
E 58734	.001	
E 58735	.001	
E 58736	.004	
E 58737	.001	
E 58738	.004	
E 58739	.001	
E 58740	.001	
E 58741	.003	
E 58742	.009	

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852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: FEB 04 1988
DATE REPORT MAILED: Feb. 9/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: CORE/ROCK
AU* ANALYSIS BY AA FROM 20 GRAM SAMPLE.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS File # 88-0329

SAMPLE#	AU* ppb
L 5523	18
L 5524	16
L 5525	40
L 5526	21
L 5527	56
L 5528	33
L 5529	13
L 5530	103
L 5531	13
L 5532	20
L 5533	156
L 5534	88
L 5535	51
L 5536	38
L 5537	77
L 5538	101
L 5539	33
L 5540	54
L 5541	32
E 58743	98
E 58744	38
E 58745	60
E 58746	65
E 58747	37
E 58748	10
E 58749	9
E 58750	8
E 58490	9400
E 58491	607

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: FEB 05 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED: Feb 11/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: Pulp AU* ANALYSIS BY AA FROM 20 GRAM SAMPLE.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS CORP. PROJECT-VENNER File # 88-0115R

old assay	SAMPLE#	AU* ppb	conversion oz/t
0.026	58349	236	0.0075
	58354	785	0.025
0.024	58355	1762	
0.054	58363	3016	0.057
0.068	58364	4102	0.097
0.096			0.132

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: FEB 05 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED: Feb 9/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: Pulp AU* ANALYSIS BY AA FROM 20 GRAM SAMPLE.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS PROJECT-VENNER File # 88-0104R

	SAMPLE#	AU* ppb	
0.053	E 58310	1025	0.033
0.006	E 58326	210	0.0067

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: FEB 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED: Feb 9/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: Pulp AU* ANALYSIS BY AA FROM 20 GRAM SAMPLE.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS File # 88-0137R

	SAMPLE#	AU* ppb	
0.048	E 58392	2155	0.069

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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: FEB 18 1988
DATE REPORT MAILED: Feb.25/88

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK AU** BY FIRE ASSAY FROM 1 A.T.

ASSAYER: C. Leong D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS PROJECT-VENNER File # 88-0457

SAMPLE#	AU** oz/t
E 58573	.008
E 58574	.083
E 58575	.052
E 58576	.016

ECO-TECH LABORATORIES LTD.

10041 E. TRANS-CANADA HWY
KAMLOOPS, B.C
V2C 2J3
TELEPHONE: (604) 573-5700
FAX: (604) 573-4557

FEBRUARY 16, 1988
CERTIFICATE OF ANALYSIS ETK88-37

TO: TIGRIS MINERALS CORPORATION
2246 Sifton Avenue
KAMLOOPS, B.C
V1Z 1A5

ATTENTION: G. D'Angelo

SAMPLE IDENTIFICATION: 85 CORE AND/OR ROCK CHIP SAMPLES RECEIVED FEBRUARY 12, 1988

ET#	Description	Au (ppb)
25 - 1	5542	30
25 - 2	5543	70
25 - 3	5544	95
25 - 4	5545	45
25 - 5	5546	120
25 - 6	5547	70
25 - 7	5548	540
25 - 8	5549	60
25 - 9	5550	60
25 - 10	5551	20
25 - 11	5552	25
25 - 12	5553	20
25 - 13	5554	20
25 - 14	5555	20
25 - 15	5556	95
25 - 16	5557	440
25 - 17	5558	210
25 - 18	5559	45
25 - 19	5560	55
25 - 20	5561	35
25 - 21	5562	115
25 - 22	5563	130
25 - 23	5564	60
25 - 24	5565	90
25 - 25	5566	20
25 - 26	5567	190
25 - 27	5568	40
25 - 28	5569	60
25 - 29	5570	30
25 - 30	5571	55

Tigris Minerals Corporation February 16, 1988

ET#	Description		Au (ppb)	Au (g/t)	Au (oz/t)
25 - 31	5572		1000		
25 - 32	5573		30		
25 - 33	5575		20		
25 - 34	5576		35		
25 - 35	5577		220		
25 - 36	5578		35		
25 - 37	5579		250		
25 - 38	5580		>1000	2.62*	.076
25 - 39	5581		25		
25 - 40	5582		145		
25 - 41	5583		>1000	3.24*	.094
25 - 42	5584		15		
25 - 43	5585		15		
25 - 44	5586		15		
25 - 45	5587		10		
25 - 46	5588		10		
25 - 47	5589		20		
25 - 48	5590		25		
25 - 49	5591		20		
25 - 50	5592		80		
25 - 51	5593		290		
25 - 52	5594		160		
25 - 53	5595		65		
25 - 54	5596		30		
25 - 55	5597		60		
25 - 56	5598		140		
25 - 57	5599		70		
25 - 58	5600		35		
25 - 59	58551			.12	.003
25 - 60	58552			.06	.002
25 - 61	58553			.08	.002
25 - 62	58554			.07	.002
25 - 63	58555			.05	.001
25 - 64	58556	G VEIN 1+47E		15.48*	.451
25 - 65	58557			.40	.012
25 - 66	58558			9.12*	.266
25 - 67	58559			.12	.003
25 - 68	58560			.17	.005
25 - 69	58561			1.04*	.03
25 - 70	58562			.80	.023
25 - 71	58563			18.66*	.544
25 - 72	58564			30.34*	.885
25 - 73	58565			2.80*	.082
25 - 74	R58566			4.17*	.122
25 - 75	558567			.21	.006

Tigris Minerals Corporation February 16, 1988

ET#	Description	Au (ppb)	Au (g/t)	Au (oz/t)
25 - 76	58568		.58	.017
25 - 77	58569		.17	.005
25 - 78	58570		.17	.005
25 - 79	58571		.03	.001
25 - 80	58572		<.03	<.001
25 - 81	58577		.10	.003
25 - 82	58578		.11	.003
25 - 83	58579		.25	.007
25 - 84	58580		.15	.004
25 - 85	58581		.28	.008

NOTE: < = less than
> = more than
* sample screened and metallics assayed

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.,
B.C. Certified Assayer

c.c. Peter Peto
125 Bassett Street
PENTICTON, B.C.
V2A 5W1

88misc/SC1

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: FEB 12 1988
DATE REPORT MAILED: Feb. 19/88

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

TIGRIS MINERALS File # 88-0329R

SAMPLE#	AU** oz/t	
E 58490	.306	stockwk Bx grab Trace of 175Ag + 10%
E 58491	.022	Trace of 162Ag grab

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
VOX 1JO

PHONE (604) 888-1323

Invoice 7131
February 1988

Report for: Pete Peto,
Tigris Minerals Corp.,
125 Basset Street,
Kamloops, B.C.

Copy to: Keith D'Angelo,
Tigris Minerals Corp.,
304 - 1155 West Pender Street,
VANCOUVER, B.C., V6E 2P4

Samples: BL TR 0+50E, TR 50E 0+60S, TR 100E + 77S, TR 100E 0+80S, Stn. 150E+6S, L-137.5E + 90N, 58326 (30S, T162.5 E)

Summary:

Many of the samples are felsic volcanic rocks (rhyolite), containing phenocrysts of sanidine and lesser ones of biotite and/or hornblende in a groundmass dominated by K-feldspar and lesser plagioclase. Others (trachy-andesite) contain plagioclase and lesser mafic phenocrysts in a groundmass of K-feldspar and plagioclase. Some fragmental types are present, mainly lapilli tuffs of intermediate to felsic composition. Rocks are variably replaced by quartz and carbonate, and cut by veins dominated by quartz and calcite. Marcasite/pyrite and minor chalcopyrite are abundant in some samples. Marcasite/pyrite generally has a cubic habit, with slight to locally moderate anisotropism. The latter feature is used to distinguish marcasite/pyrite from pyrite.

A: Rhyolite

BL TR 0+50 E	disseminated marcasite/pyrite; quartz replacement in groundmass;early veins of aragonite-(K-feldspar)and of quartz, and late veins of calcite
TR 50E 0+60S	calcite/ankerite and quartz-(K-feldspar) replacement in groundmass; disseminated marcasite/pyrite; veins of calcite-(quartz) and quartz-marcasite/pyrite- K-feldspar
TR 100E + 77S	lapilli tuff(?) suggested by variation in groundmass texture; replacement patches and veinlets of quartz

(continued)

B: Trachy-andesite

TR 100E 0+80S	lenses of marcasite/pyrite; replacement patches and veins of quartz-(sericite)
Stn. 150E+6S	replacement patches and veins of quartz
L-137.5E + 90N	lapilli tuff with andesite, trachy-andesite, latite, and rhyolite fragments, and lesser ones of quartz grains and aggregates in a sparse groundmass; replacement patches and veins of quartz

C: Dacite Breccia

58326 (30S, T162.5E) fragments of cherty and sericitic dacite (no K-feldspar) in a matrix of carbonate-quartz, with late calcite veins

John G. Payne

John G. Payne

BL TR 0+50E Porphyritic Rhyolite cut by Veins of Aragonite-(K-feldspar), Quartz, and Calcite

The rock contains phenocrysts of sanidine and minor muscovite (after biotite), hornblende, and apatite in an extremely fine grained groundmass dominated by K-feldspar with patches of quartz. Early veins are dominated by aragonite-(K-feldspar), and by quartz. A late vein is dominated by calcite.

phenocrysts		veins	
sanidine	8-10%	1) aragonite-(K-feldspar)	4- 5%
biotite	1- 2	2) quartz	3- 4
hornblende	1	3) calcite	1- 2
apatite	minor		
groundmass			
K-feldspar	45-50		
plagioclase	17-20		
quartz	8-10		
marcasite/pyrite	2- 3		
Ti-oxide	0.3		
chalcopyrite	trace		
replacement patches			
quartz	1- 2		

Sanidine forms subhedral to euhedral phenocrysts averaging 0.8-2 mm in size. Several are replaced moderately by very fine grained quartz aggregates averaging 0.02-0.05 mm in grain size.

Biotite forms subhedral phenocrysts averaging 0.2-0.9 mm in length. It is altered completely to pseudomorphic muscovite with minor to moderately abundant patches of Ti-oxide.

Hornblende forms a few euhedral to subhedral grains up to 1.5 mm in length. Some are altered completely to very fine grained aggregates of quartz and sericite, with much less Ti-oxide and minor calcite. Others are altered to extremely fine grained chlorite, with or without patches of very fine grained quartz.

Apatite forms subhedral to euhedral prismatic phenocrysts up to 0.4 mm in length.

The groundmass contains lathy plagioclase grains from 0.05-0.1 mm in length. These are set in an extremely fine grained aggregate of K-feldspar. Quartz forms irregular, extremely fine to very fine grained replacement patches up to 1 mm in size. A few replacement(?) patches up to 0.9 mm across of quartz consist of grains averaging 0.2 mm in size.

Ti-oxide (leucoxene) forms a few anhedral patches up to 1 mm across of extremely fine grains, in part associated with euhedral marcasite/pyrite grains from 0.1-0.4 mm in size. One Ti-oxide patch is surrounded by extremely fine grained marcasite/pyrite.

Marcasite/pyrite forms clusters up to 0.3 mm in size of grains averaging 0.01-0.02 mm in grain size, mainly intergrown with groundmass. A few subhedral to euhedral grains are from 0.1-0.3 mm in size. Anisotropism is weak to locally moderate.

Chalcopyrite forms a very few patches up to 0.03 mm in size in coarser marcasite/pyrite aggregates.

(continued)

The rock is cut by a vein up to 1 mm wide dominated by fine grained, prismatic aragonite, with minor fine grained K-feldspar in patches along vein borders. Another, more irregular vein up to 1.5 mm wide contains very fine to fine grained aragonite with patches of extremely fine to very fine grained quartz.

Quartz forms irregular, extremely fine to very fine grained veins up to 1.5 mm in width, and a few very fine grained veinlets up to 0.1 mm in width; the former contain a few patches of subparallel aggregates of chlorite flakes up to 0.1 mm long, and the latter contain minor calcite.

A late, discontinuous vein up to 1 mm wide consist of fine grained calcite. It cuts and offsets the earlier aragonite and quartz veins by up to 1 mm.

TR 50E 0+60S **Porphyritic Rhyolite cut by Calcite Vein**

The rock contains scattered phenocrysts of sanidine and minor ones of hornblende and biotite in a groundmass dominated by K-feldspar and plagioclase. Marcasite/pyrite is moderately abundant in patches, seams, and disseminations. The rock is cut by veinlets of quartz-marcasite/pyrite-(K-feldspar) and a major vein of calcite-(quartz).

phenocrysts	
sanidine	5- 7%
plagioclase	minor
hornblende	4- 5
biotite	minor
apatite	0.5
groundmass	
K-feldspar	40-45
plagioclase	15-17
calcite/ankerite	10-12
marcasite/pyrite	2- 3
replacement patches	
quartz-(K-feldspar)	3- 4
veins	
1) quartz-marcasite/pyrite-K-feldspar)	1%
2) calcite-(quartz)	5- 7

Sanidine forms subhedral to euhedral phenocrysts from 0.2-1.2 mm in size. Some coarser ones are replaced strongly by calcite/dolomite, with or without minor quartz.

Plagioclase forms a very few prismatic phenocrysts up to 0.3 mm in length.

Hornblende forms equant, euhedral phenocrysts from 0.5-1.7 mm in size; they are altered completely to very fine grained aggregates of quartz with minor to moderately abundant chlorite and/or calcite. A few patches are replaced by extremely fine grained chlorite with less Ti-oxide.

Biotite forms a very few phenocrysts up to 0.7 mm long. They are replaced completely by aggregates of sericite/chlorite-quartz with minor Ti-oxide.

Apatite inclusions are common in hornblende and biotite phenocrysts, as prismatic to equant grains 0.03-0.15 mm long. Many of them have a pale orange color, possibly from limonite. It also forms scattered euhedral prismatic phenocrysts from 0.07-0.1 mm in size in the groundmass away from mafic minerals.

The groundmass is dominated by an extremely fine grained aggregate of K-feldspar and lesser plagioclase, with the latter commonly forming ragged lathy grains up to 0.05 mm in length. Quartz forms irregular, extremely fine to very fine grained replacement patches up to a few mm across, and a few very fine to fine grained patches averaging 0.2-0.5 mm in size, in part with K-feldspar. Calcite/ankerite forms very irregular, very fine grained replacement patches up to 2 mm in size.

Marcasite/pyrite forms disseminated, subhedral to euhedral cubic grains averaging 0.02-0.03 mm in size, with a few up to 0.1 mm across, and clusters up to 0.3 mm across of similar grains. Disseminated marcasite/pyrite commonly is concentrated moderately in wispy seams.

The rock is cut by discontinuous veinlets up to 0.7 mm wide of pyrite-quartz-(K-feldspar).

A major vein up to 2 mm wide is dominated by very fine to fine grained calcite with minor subhedral quartz.

TR 100E + 77S **Altered Rhyolite Lapilli Tuff(?)**

The rock contains minor phenocrysts of sanidine and hornblende in a groundmass of extremely fine grained feldspars with disseminated grains and patches of chlorite/biotite and of marcasite/pyrite. Patchy variation in texture in the groundmass suggests that the rock may be fragmental. Quartz forms irregular replacement patches and a few discontinuous late veinlets. Limonite/hematite is common in patches and on fractures.

phenocrysts		
sanidine		4- 5%
hornblende		1- 1.5
apatite		minor
groundmass		
K-feldspar/plagioclase		70-75
coarser	20-25%	
finer	50-55	
chlorite/biotite		8-10
marcasite/pyrite		2- 3
Ti-oxide		0.3
apatite		0.1
replacement patches and veins		
quartz		8-10

Sanidine forms subhedral prismatic phenocrysts averaging 0.5-1 mm in size. Most are altered moderately to strongly to quartz and yellowish green to brown chlorite/biotite(?).

Hornblende phenocrysts average 0.3-0.5 mm in size, with a few up to 1.3 mm long. They are altered completely to very fine grained quartz with patches and seams of extremely fine grained chlorite/biotite.

Apatite forms a few euhedral prismatic phenocrysts up to 0.3 mm long.

The groundmass is dominated by feldspars in extremely fine grained aggregates. Patches up to several mm across (which may be fragments) contain lathy to feathery plagioclase(?) up to 0.05 mm in length grading into finer grained, anhedral K-feldspar. These are surrounded by zones of equant grains averaging 0.003-0.01 mm in grain size (possibly tuffaceous). Disseminated in the groundmass are single grains and aggregates of extremely fine grained, yellow-brown to greenish-brown chlorite/biotite. One patch up to 1.8 mm in size is dominated by yellowish green chlorite/biotite. Marcasite/pyrite is concentrated in a few patches as disseminated grains averaging 0.02-0.05 mm in size, with a few up to 0.2 mm across. Ti-oxide forms patches up to 0.1 mm in size of extremely fine grained aggregates. Apatite forms disseminated prismatic to acicular grains averaging 0.04-0.07 mm in length.

Quartz forms extremely fine grained, pervasive replacement in diffuse patches up to a few mm across, and well defined patches up to 0.5 mm in size of very fine grained aggregates. A few irregular, discontinuous, very fine grained quartz veinlets are up to 0.15 mm in width.

The rock contains seams and patches of extremely fine grained limonite/hematite formed during weathering.

TR-100E 0+80S Porphyritic Trachy-andesite

The rock contains phenocrysts of plagioclase and lesser ones of biotite in a groundmass dominated by K-feldspar with scattered lathy plagioclase grains and disseminated patches of marcasite/pyrite. It contains replacement patches and veinlets of quartz. Limonite is common.

phenocrysts	
plagioclase	8-10%
biotite	1- 2
hornblende	1
groundmass	
K-feldspar	65-70
plagioclase	10-12
marcasite/pyrite	3- 4
apatite	minor
replacement patches and veins	
quartz-sericite	4- 5

Plagioclase forms subhedral to euhedral phenocrysts from 0.5-3 mm in size. It is altered strongly to completely to extremely fine grained sericite.

Biotite forms subhedral flakes from 0.3-1 mm in average size. It is altered completely to pseudomorphic muscovite with minor Ti-oxide. One large grain contains lenses of extremely fine grained replacement quartz along cleavage.

Hornblende forms a few euhedral, prismatic phenocrysts up to 1 mm long. It is altered completely to very fine grained quartz with much lesser sericite (concentrated in seams parallel to the c-axis of hornblende), moderately abundant patches of extremely fine grained Ti-oxide, and minor prismatic inclusions of apatite up to 0.07 mm long.

The groundmass contains scattered lathy plagioclase grains from 0.05-0.1 mm in average length. These are set in a groundmass of anhedral feldspars averaging 0.002-0.01 mm in grain size. Ti-oxide and marcasite/pyrite form disseminated grains and clusters up to 0.1 mm in size of grains averaging 0.005-0.01 mm in size.

Marcasite/pyrite is concentrated in lenses up to several mm long, in which it forms abundant disseminated grains averaging 0.02-0.05 mm in size, with a few patches up to 1.2 mm across of subhedral to euhedral grains up to 0.5 mm in size. In some patches, sulfide grains appear to have been finely granulated. Anisotropism is weak to locally moderate.

Apatite forms disseminated subhedral to euhedral, prismatic to acicular grains from 0.05-0.1 mm in average size.

The rock contains replacement patches and veins of quartz. Replacement patches are very irregular in outline and consist of extremely fine grained quartz (0.01-0.02 mm) with minor sericite. The veins contains patches up to a few mm across of anhedral to slightly prismatic grains averaging 0.03-0.07 mm in size. These are intergrown with patches of quartz grains averaging 0.1-0.5 mm in size and extremely fine grained, commonly interstitial patches and seams of sericite.

Limonite is common on fractures and in altered phenocrysts, and less common in patches in the groundmass.

Stn. 150E+6S **Porphyritic Trachy-andesite cut and replaced by Quartz**

The sample contains phenocrysts of plagioclase, biotite, and hornblende in a groundmass dominated by K-feldspar with lesser plagioclase. Quartz forms replacement patches and late veins.

phenocrysts	
plagioclase	5- 7%
biotite	5- 7
hornblende	3- 4
apatite	minor
groundmass	
plagioclase	12-15
K-feldspar	55-60
zircon	trace
limonite	minor
replacement	
quartz	8-10
veins	
quartz	3- 4

Plagioclase forms subhedral to euhedral phenocrysts averaging 0.7-1 mm in length. Alteration is strong to complete to patches of extremely fine grained sericite stained yellow by limonite. Some of the phenocrysts may originally have been K-feldspar; however, the nature of the alteration suggests that they were plagioclase.

Biotite forms subhedral to euhedral phenocrysts from 0.3-1.5 mm in length. Phenocrysts are replaced completely by extremely fine grained aggregates of quartz, with moderately abundant disseminated patches of Ti-oxide. Textures outline the original cleavage of biotite. Quartz grains commonly are oriented perpendicular to biotite cleavage in thin bands separated by Ti-oxide.

Hornblende forms subhedral to euhedral phenocrysts averaging 0.2-1 mm in size. These are altered to quartz and Ti-oxide, and do not show any original texture, except in some, which show the typical hornblende crystal outlines.

Apatite inclusions are common in many of the hornblende phenocrysts and in a few of the biotite phenocrysts. Apatite forms subhedral to euhedral grains averaging 0.07-0.1 mm in size.

The groundmass contains lathy plagioclase grains from 0.05-0.15 mm in length in an extremely fine grained groundmass dominated by K-feldspar, with lesser sericite and moderately abundant limonite. Ti-oxide forms disseminated patches up to 0.1 mm in size of extremely fine grains. Pyrite forms a few subhedral to euhedral grains averaging 0.03-0.07 mm in size; it probably is altered to limonite/hematite.

The rock is somewhat brecciated, and replaced by extremely fine to very fine grained patches of quartz, in part with moderately abundant extremely fine grained patches of sericite.

Quartz veins up to 1 mm wide cut the rock. These are very fine to fine grained, and locally contain minor sericite; they probably are related in origin to the replacement breccia groundmass.

Late seams and a few patches consist of extremely fine grained limonite formed during weathering.

L-137.5E + 90N **Intermediate Lapilli Tuff with replacement Quartz**

The rock contains fragments up to 1 cm in size of a wide variety of volcanic flows ranging from andesite to rhyolite, and lesser fragments of quartz, plagioclase, replacement quartz, and quartz-plagioclase aggregates. These are set in a sparse groundmass of K-feldspar-plagioclase-sericite, which is partly replaced by patches of quartz.

fragment types (% very approximate)	
1) andesite	25-30%
2) trachy-andesite	10-15
3) rhyolite	15-17
4) dacite/latite	10-12
5) replacement quartz patches, vein	10-12
6) quartz grains	1
7) quartz aggregates	1- 2
groundmass	10-15
replacement, vein quartz	3- 4

Andesite fragments contain prismatic to lathy plagioclase grains averaging 0.07-0.15 mm in length in a groundmass of finer grained plagioclase, lesser chlorite, and moderately abundant disseminated opaque (Ti-oxide +/- pyrite). Some fragments contain up to 5% plagioclase and/or hornblende phenocrysts. Plagioclase forms phenocrysts up to 0.8 mm in size; these are altered slightly to sericite. Hornblende phenocrysts are up to 0.2 mm in size, and are replaced completely by chlorite as in the groundmass. One large fragment contains a phenocryst of hornblende up to 1.7 mm in size; it is replaced by extremely fine grained quartz with irregular patches of chlorite/sericite and minor Ti-oxide. It contains a few crystals of apatite up to 0.2 mm in size. One fragment contains a euhedral pyrite cube 0.3 mm across. A few andesite(?) fragments contain minor plagioclase phenocrysts and slender lathy plagioclase grains in a groundmass dominated by light greenish brown chlorite/sericite and lesser plagioclase.

One andesite fragment contains phenocrysts of plagioclase and hornblende averaging 0.1-0.2 mm in size in an extremely fine grained, slightly foliated groundmass containing lathy plagioclase.

A few fragments of hypabyssal andesite contain plagioclase phenocrysts up to a few mm across in a groundmass of very fine grained plagioclase with much less interstitial chlorite. Plagioclase phenocrysts are altered strongly to sericite, and minor hornblende phenocrysts are altered completely to chlorite.

A few fragments are aggregates of anhedral plagioclase and quartz grains from 0.2-0.5 mm in size, with interstitial patches of extremely fine grained sericite.

A few fragments up to several mm across are of latite/dacite; they have a patchy texture defined by moderate variation in the ratio of sericite to extremely fine grained plagioclase/quartz. Opaque is moderately abundant as extremely fine, disseminated grains and clusters, the latter up to 0.3 mm across. Some contain a few plagioclase phenocrysts up to 0.4 mm in size, and others contain equant plagioclase phenocrysts from 0.05-0.1 mm in size. In some, the groundmass is replaced slightly to moderately by irregular extremely fine grained patches of quartz.

(continued)

Trachy-andesite forms several fragments up to a few mm across. It contains lathy to prismatic plagioclase up to 0.1 mm in grain size surrounded by finer grained K-feldspar and plagioclase, with minor chlorite/sericite, Ti-oxide, and apatite. In some fragments the groundmass is replaced moderately by irregular patches of very fine grained quartz. A few fragments contain phenocrysts up to 2 mm in size of plagioclase, partly replaced by irregular patches of K-feldspar.

Rhyolite fragments up to 1.5 cm in size are dominated by extremely fine grained intergrowths of K-feldspar and plagioclase, with moderately abundant chlorite-limonite and minor apatite. Some fragments contain phenocrysts of sanidine up to 0.7 mm in size.

Hypabyssal dacite contains phenocrysts of plagioclase up to 0.3 mm in size in a groundmass of plagioclase, K-feldspar, and lesser quartz averaging 0.03-0.07 mm in grain size. Minor minerals include sericite/chlorite and Ti-oxide.

Quartz forms angular grains averaging 0.2-0.5 mm in size, with a few up to 1 mm across; these may represent original phenocrysts.

One fragment 1 mm across is of a metamorphosed(?), very fine to fine grained quartz aggregate with minor sericite patches; quartz appears to have been partly granulated to extremely fine subgrains. A similar fragment 1.5 mm across is of slightly recrystallized fine to medium grained quartz.

One fragment several mm across consists of extremely fine grained replacement quartz and very fine to fine grained veins and patches up to 2 mm wide. Smaller fragments (up to 1.5 mm in size) are of very fine grained to extremely fine grained quartz with much less chlorite/sericite. Some patches contain a few relic Ti-oxide aggregates up to 0.3 mm in size in open networks and dendritic aggregates intergrown with quartz and lesser yellow sericite/limonite.

The groundmass is difficult to distinguish from some of the fragments. It is extremely fine grained and dominated by feldspars and sericite. Quartz forms extremely fine to very fine grained replacement patches and veinlets in the groundmass.

58326 (30S, T162.5E) **Brecciated Cherty and Sericitic Dacite with a Matrix of Carbonate-Quartz; Late Calcite Veins**

The rock contains fragments of cherty and sericitic dacite averaging a few mm across in a variable groundmass of carbonate and lesser quartz. Late veins are of calcite.

fragments	
cherty dacite	30-35%
sericitic dacite	10-15
groundmass	
carbonate	25-30
quartz	15-20
chlorite-kaolinite	1- 2
veins	
calcite	4- 5

Cherty dacite fragments contain scattered phenocrysts of plagioclase and minor biotite. Plagioclase forms grains from 0.1-0.3 mm in size. It is altered strongly to sericite. Biotite forms ragged flakes up to 0.2 mm in size. It is partly fresh, with pleochroism from straw to medium brown. Ti-oxide forms extremely fine grains on borders of biotite and along cleavage planes.

The groundmass of the cherty dacite is dominated by equant, interlocking grains of plagioclase/quartz averaging 0.005-0.01 mm in size, with disseminated grains and scattered patches of finer grained (0.002-0.005 mm) chlorite. Apatite forms scattered subhedral to euhedral prismatic grains up to 0.12 mm in length, and acicular grains up to 0.2 mm long. Marcasite/pyrite forms scattered cubic grains averaging 0.01-0.02 mm in size, with moderately abundant coarser grains from 0.03-0.07 mm in size, and a few up to 0.2 mm across. Ti-oxide forms patches up to 0.2 mm across of extremely fine grained aggregates. Some fragments are replaced slightly to moderately by very fine grained patches and veinlets of quartz.

The other type of fragments is dominated by a pale brown groundmass of extremely fine grained sericite(?)-clay(?) intergrown with plagioclase/quartz averaging 0.002-0.005 mm in grain size. A few mafic phenocrysts up to 0.3 mm in size are altered completely to sericite. The fragments commonly contain abundant disseminated marcasite/pyrite grains averaging 0.02-0.03 mm in size, and scattered apatite grains up to 0.1 mm long. Some fragments are replaced moderately by ragged porphyroblastic grains of carbonate. A few large fragments of cherty dacite contain patches up to 0.8 mm in size of this rock type.

The rock is replaced by irregular patches of very fine grained carbonate and of quartz. Carbonate has abundant dusty inclusions and moderately high relief, suggesting that it is dolomite or ankerite; however, a vigorous reaction with cold dilute HCl suggests that it is calcite, and the higher relief is a function of the dusty inclusions. Quartz commonly occurs along borders of patches against fragments, where it forms subhedral grains averaging 0.05-0.1 mm in size growing outwards from the fragments into the carbonate. Scattered through carbonate aggregates are interstitial patches up to 0.7 mm in size of extremely fine grained (0.002-0.003 mm), equant, pale brown chlorite-kaolinite, and locally patches up to 0.15 mm in size of very fine grained (0.01-0.02 mm) flakes of chlorite. Chalcopyrite forms a few equant grains and interstitial patches up to 0.05 mm in size associated with ankerite and locally with quartz.

Late veins up to 1 mm wide and a few replacement patches consist of fine grained calcite, which is relatively free of dusty inclusions.

VENNER CLAIM

GOLD CLAIM

WEST CLAIM BOUNDARY

CUT LINE

ROAD CUT

58573 0.008
58574 0.083
58575 0.052
58576 0.016

TRENCH 0+25E

58577 0.003

58578 0.003
58579 0.007
58580 0.004
58581 0.008

TRENCH 0+62E

58570

58443 0.001
58444 0.001
58445 0.001 & 5522, 0.005
58446 0.001
58447 0.001
58448 0.002
58449 0.007
58450 0.014 & 5521, 0.003
58451 0.007
58452 0.003
58453 0.002
58454 0.001
58455 0.003
58456 0.005
58457 0.006

TRENCH 0+75E

58424 0.007
58425 0.001
58426 0.003
58427 0.002
58428 0.003
58429 0.001
58430 0.020 & 5519, 0.005
58431 0.001
58432 0.001
58433 0.001 & 5520, 0.001
58434 0.001
58435 0.001
58436 0.011
58437 0.002
58438 0.002
58439 0.003
58440 0.003
58441 0.003
58442 0.002

TRENCH 0+75E

58414 0.003
58415 0.001
58416 0.001
58417 0.001
58418 0.007
58419 0.003
58420 0.001
58421 0.001
58422 0.001
58423 0.001

58413 0.001
58412 0.012
58411 0.003
58410 0.002

TRENCH 0+90E

58488 0.012
58489 0.001

TRENCH 1+00E

58478 0.002
58479 0.001
58480 0.001
58481 0.001
58482 0.001
58483 0.001
58484 0.001
58485 0.001
58486 0.001
58487 0.001

58470 0.001
58471 0.004
58472 0.002
58473 0.001
58474 0.002
58475 0.001
58476 0.001
58477 0.001

TRENCH 1+12.5E

58319 0.003
58318 0.011
58317 0.004
58316 0.001
58315 0.004
58314 0.011
5518 0.022
58370 0.001
58371 0.001
58372 0.001
58373 0.001
58374 0.001
58375 0.001
58376 0.001
58377 0.005
58378 0.001
58379 0.001
58380 0.001
58381 0.005
58382 0.003
58383 0.003
58384 0.003
58385 0.003
58386 0.003
58387 0.002
58401 0.002
58402 0.002
58403 0.018
58404 0.006
58405 0.002
58406 0.001
58407 0.001
58408 0.001
58409 0.001

TRENCH 1+37.5E

58445 0.001
58466 0.001
58467 0.001
58468 0.001
58469 0.001

FOR DETAILS

SEE FIGURE 4b

TRENCH 1+62.5E

58308 0.003
58309 0.004
58310 0.053
58311 0.021
58312 0.007
58313 0.002
58314 0.001
58315 0.001
58316 0.006
58317 0.002
58318 0.003
58319 0.012
58320 0.001
58321 0.010
58322 0.056
58323 0.352
58324 0.267
58325 0.006
58326 0.002
58327 0.002
58335 0.001
58336 0.002
58337 0.002
58338 0.001
58339 0.002
58340 0.001
58341 0.001
58342 0.001
58343 0.001
58344 0.001

TRENCH 1+75E

58328 0.001
58329 0.002
58330 0.002
58331 0.004
58332 0.131
58333 0.001
58334 0.001

TRENCH 1+87.5E

58301 0.001
58302 0.001
58303 0.047
58304 0.001
58305 0.001
58306 0.001
58307 0.001

5501 0.031
5502 0.019
5503 0.016
5504 0.035
5505 0.015
5506 0.010
also 58401 0.022

BASE

5507 0.001
5508 0.003
5509 0.001
5510 0.001

58388 0.002
58389 0.003
58390 0.007
58391 0.001
58392 0.048 & 0.069
58393 0.002

58464 0.002
58463 0.001
58462 0.007
58461 0.001
58460 0.001
58459 0.001
58458 0.001

25W 25E 50E 75E 100E 125E 150E 175E 200E

75N 50N 25N 0 25S 50S 75S 100S

200m South to LCP

GEOLOGICAL BRANCH ASSESSMENT REPORT

17,327

TIGRIS MINERALS CORPORATION

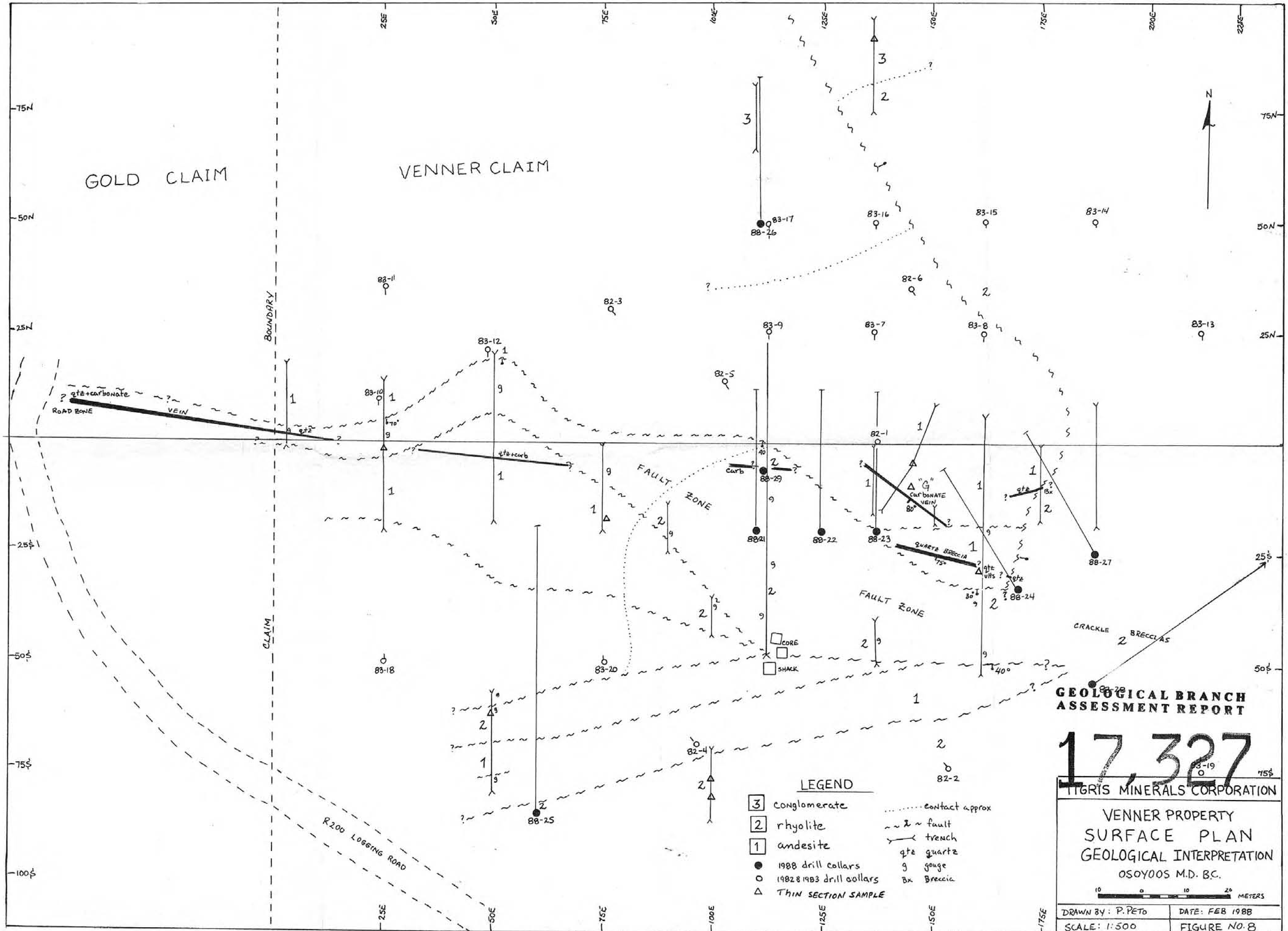
OK GOLD PROPERTY

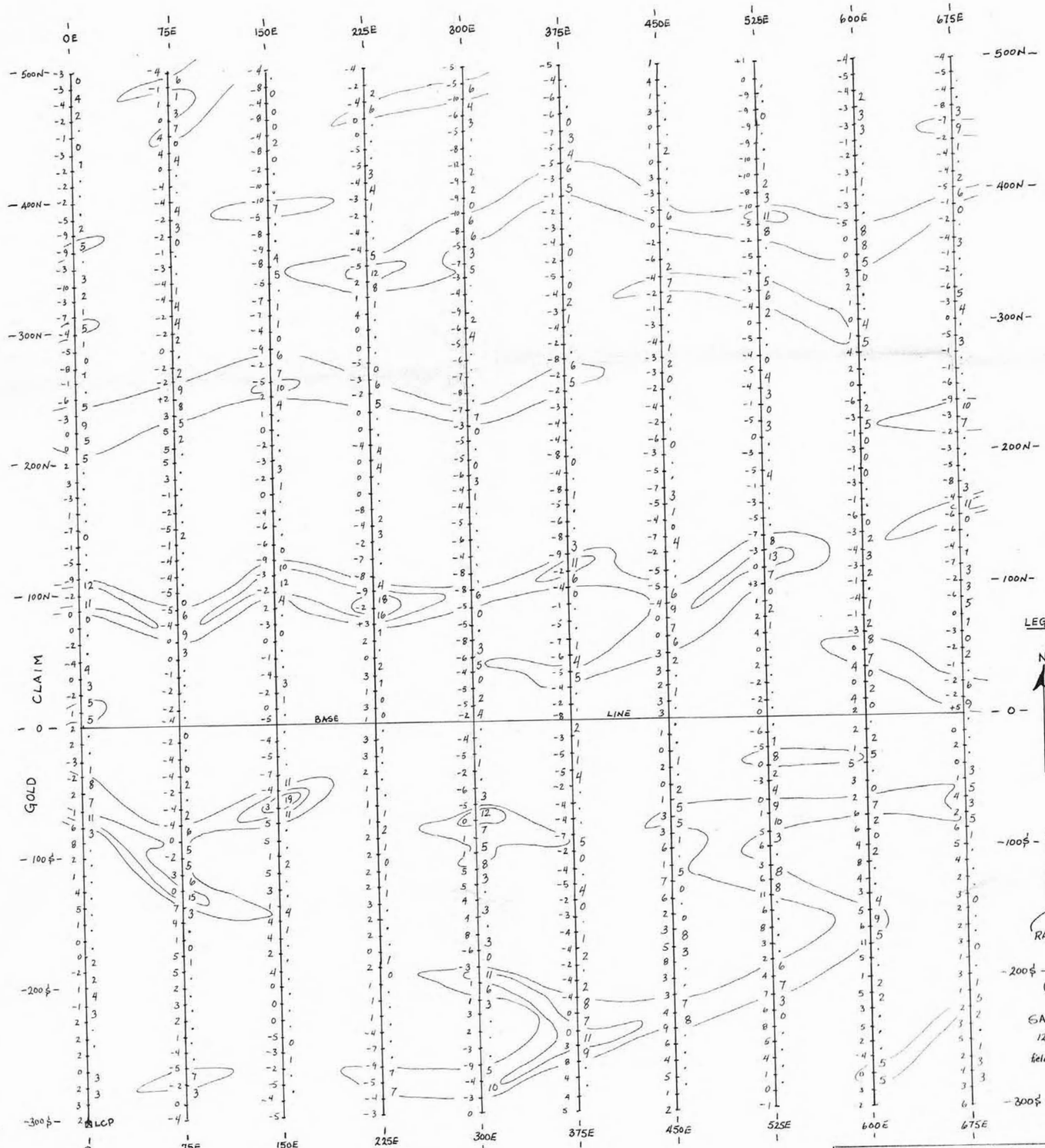
SURFACE PLAN TRENCHING

OSOYOOS M.D., B.C.

0 10 20 30 METRES

DRAWN BY: P. PETO	DATE: FEB 1986
SCALE 1:500	FIGURE NO: 4a


GOLD CLAIM
VENNER CLAIM
CLAIM BOUNDARY
R200 LOGGING ROAD
ROAD BONE
qtz+carbonate VEIN
qtz+carb
FAULT ZONE
FAULT ZONE
"G" carbonate VEIN
QUARTZ BRECCIA
CRACKLE BRECCIAS
CORE
SHACK
N
75N
50N
25N
25S
50S
75S
100S
25E
50E
75E
100E
125E
150E
175E
200E
225E
83-17
88-26
83-16
83-15
83-14
83-11
82-3
82-6
83-9
83-7
83-8
83-13
83-12
83-10
82-5
82-1
88-29
88-21
88-22
88-23
88-27
88-24
83-18
83-20
88-28
82-4
82-2
83-19
88-25
LEGEND
3 conglomerate
2 rhyolite
1 andesite
1988 drill collars
1982 & 1983 drill collars
THIN SECTION SAMPLE
contact approx
fault
trench
qtz quartz
g gouge
Bx Breccia
GEOLOGICAL BRANCH ASSESSMENT REPORT
17,327
TIGRIS MINERALS CORPORATION
VENNER PROPERTY
SURFACE PLAN
GEOLOGICAL INTERPRETATION
OSOYOOS M.D. B.C.
METERS
DRAWN BY: P. PETO
DATE: FEB 1988
SCALE: 1:500
FIGURE NO. 8



TIGRIS MINERALS CORPORATION

VENNER PROPERTY

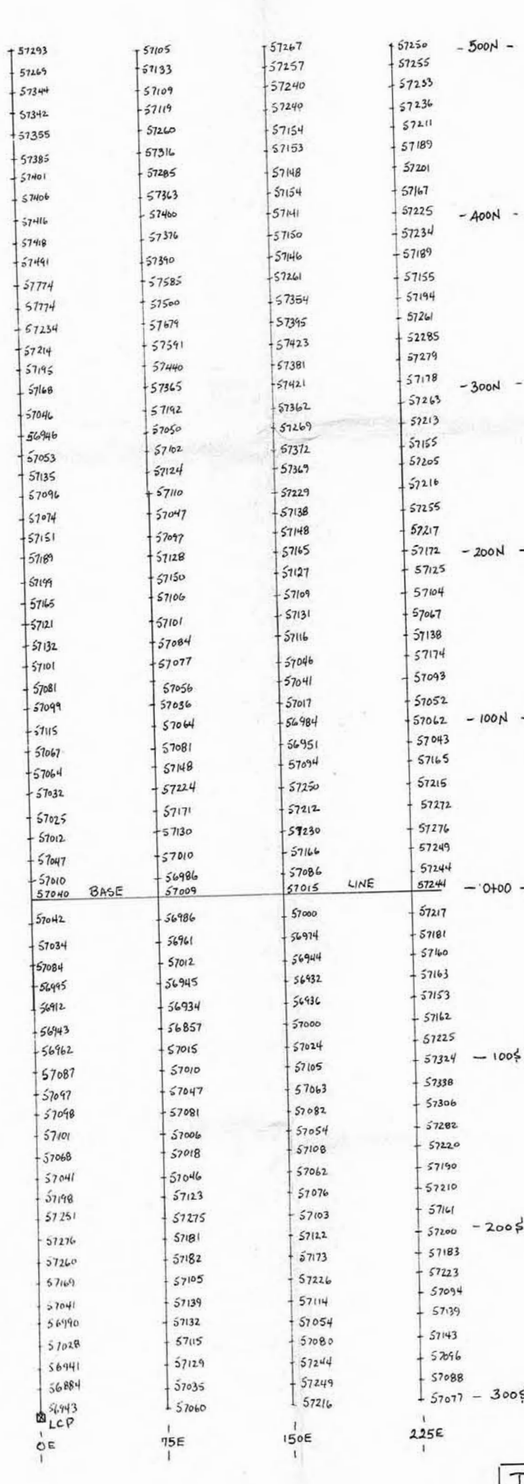
VLF-EM SURVEY MAP

CUTLER (17.8 Khz) SABRE #27

0 50 100 125 meters

DRAWN BY: P. Peto DATE FEB 1988

Scale: 1:2000 FIGURE 6b



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,327

TIGRIS MINERALS CORPORATION

VENNER PROPERTY

MAGNETIC SURVEY MAP

(UNFINISHED)

0 50 100 125 METERS

DRAWN BY: P. Peto DATE FEB 1988

SCALE 1:2000 FIGURE 7

3+00N
2+75N
2+50N
2+25N
2+00N
1+75N
1+50N
1+25N
1+00N
0+75N
0+50N
0+25N
0+00
0+25S
0+50S
0+75S
1+00S
1+25S
1+50S

BASE LINE

1982 VLF-EM

CONDUCTOR AXIS

150m south to LCP

0+00E 0+25E 0+50E 0+75E 1+00E 1+25E 1+50E 1+75E 2+00E 2+25E 2+50E

LEGEND

CUTLER
NAA 17.8KHz

TILT ANGLES

-3 3
-6 6
0 4
6
1

FRASER FILTERED VALUES

RAW DATA FILTERED DATA

SABRE MODEL NO 27
Face East
12.5m spacing
CONTOURS 5 UNITS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,327

TIGRIS MINERALS CORPORATION
VENNER PROPERTY
VLF-EM SURVEY MAP
CUTLER (17.8 Khz) SABRE #27
10 0 20 40 METRES

DRAWN BY: P. Peto	DATE: FEB 1988
SCALE 1:625	FIGURE NO: 6a

50N

25N

BASE LINE

25S

50S

75S

100S

125S

150S

150 m North of VENNER LCP

25E 50E 75E 112.5E 137.5E 162.5E 187.5E 212.5E

N

DDH 88-26

DDH 88-29
-90°

DDH 88-21

DDH 88-22

DDH 88-23

DDH 88-24

DDH 88-27

DDH 88-28

DDH 88-25

CORE RACKS

CORE SHACK

UNUSED DRILL PAD

ACCESS ROAD

R 200 LOGGING ROAD

LEGEND

● DRILL HOLE COLLAR

TRENCH LOCATION

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,327

TIGRIS MINERALS CORPORATION

VENNER PROPERTY
SURFACE PLAN
DRILL HOLES
OSOYOOS M.D. B.C.

0 5 10 15 20 25 METERS

DRAWN BY: P. PETO	DATE FEB 1988
SCALE 1:500	FIGURE NO 5