MineQuest Report #133
Ref. No. RM2703

TEXADA ISLAND MINERAL PROPERTY

Nanaimo Mining Division

N.T.S. 92F/10E, 15E

Latitude 49°44'N
Longitude 124°32'W

by

G.R. Peatfield, Ph.D., P.Eng.

of

MineQuest Exploration Associates Ltd.

for

Vananda Gold Ltd.

Vancouver, B.C. November, 1986

USE OF REPORT

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PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA G. R. PEATFIELD

November, 1986

G. R. Peatfield

G.R. Peatfield, Ph.D., P.Eng.

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1.0 INTRODUCTION

In November 1986, Vananda Gold Ltd. commissioned MineQuest Exploration Associates Ltd. to assess the potential of Vananda's mineral property on Texada Island, to recommend a program to test this potential, and to prepare a report suitable for inclusion in a prospectus.

Accordingly, G.R. Peatfield, P.Eng., who is directly familiar with the property, and who has recently examined the available data on the exploration and production history of the property in some detail, prepared such a report. The report embodies observations made on visits to the property during 1986, condensed results of several programs previously undertaken on the property, and a synthesis of much of the available historical data on the mines which operated within the present property boundary.

The northern portion of Texada Island has been an important mining area, on an intermittent basis, since the late 19th century. The principal periods of activity were between 1897 and 1919, during which time the gold-copper-silver skarn deposits at Vananda produced about 250,000 tonnes of high-grade ore; from 1948 to 1952, when one of these mines produced 58,000 tonnes of slightly lower grade ore; and from 1952 to 1976, when the large magnetite skarn deposits near Gillies Bay on the west side of the island produced some 10 million tonnes of iron concentrate with byproduct copper, gold and silver. The sites of all these former producers lie within the present Vananda Gold Ltd. property.

The skarn deposits are contained within rocks of the Triassic "Texada group" (Karmutsen Group) volcanics and "Marble Bay formation" (Quatsino Formation) limestone, intruded by Jurassic quartz dioritic to gabbroic plugs, dykes and stocks. There are two distinct families of skarn deposits, as evidenced by their geological setting, mineralogy, and metal ratios. Those of principal interest at this time are the gold-copper-silver deposits at Vananda.

There is an extensive body of reporting, especially on the Vananda area deposits, most of which is listed in the Bibliography. Of this, the reports by Winter (1984, 1985) provide a comprehensive summary of the general situation and history of the property.

2.0 LOCATION, ACCESS AND TERRAIN

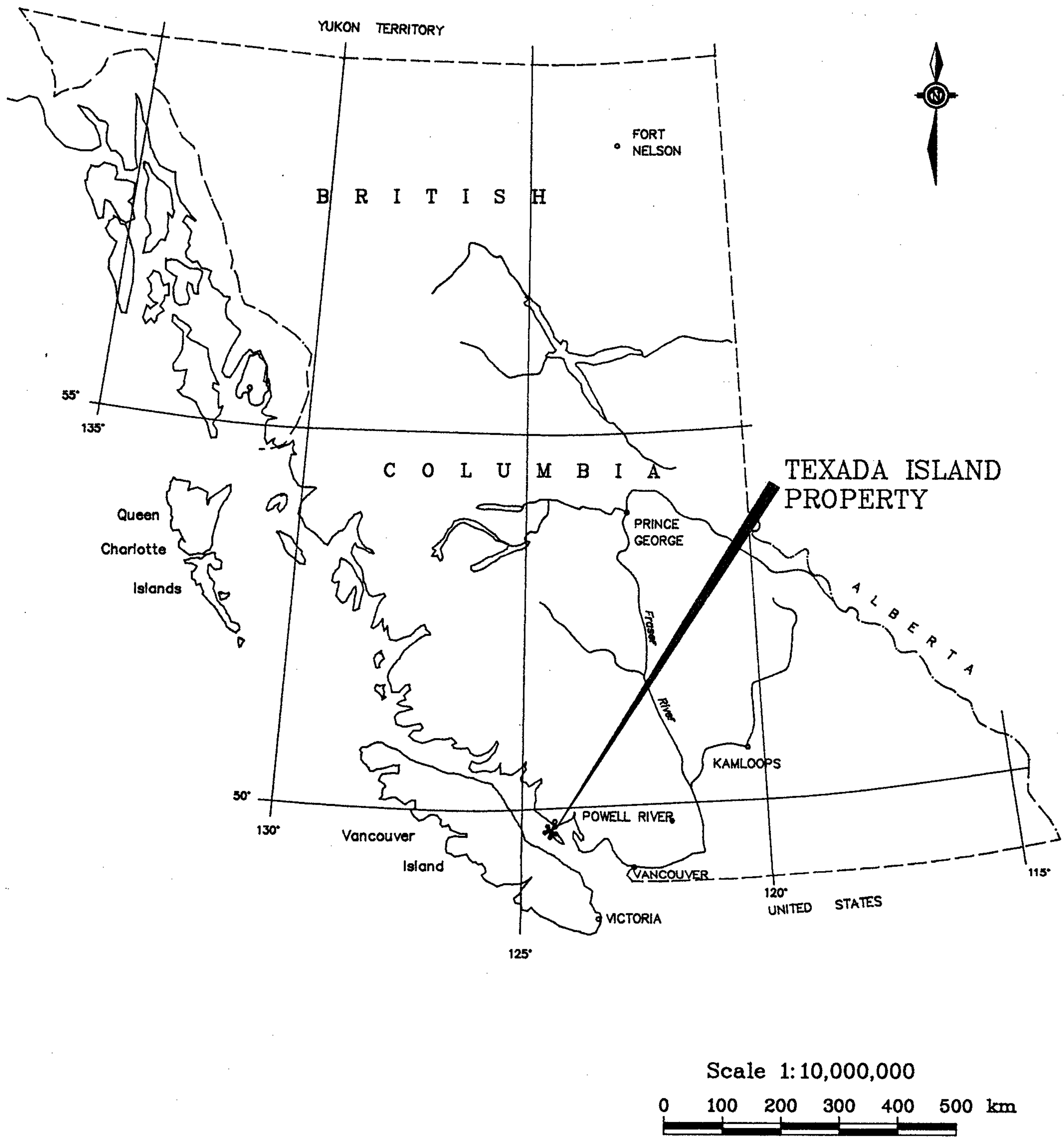
The property lies between the villages of Vananda and Gillies Bay, on northern Texada Island, about 80 kilometres northwest of Vancouver (see Figure 1). Access is by highway and ferry to Powell River and thence by ferry to Blubber Bay at the north end of the island. Light aircraft can land at the airport near Gillies Bay. Numerous public and private roads provide ready access to most of the property.

The terrain on the property is moderate; the gently rolling hills have a total relief of the order of 250 metres. Forest cover is locally heavy, with considerable second growth. Much of the area of immediate interest lies within and adjacent to the settlement of Vananda.

3.0 PROPERTY STATUS

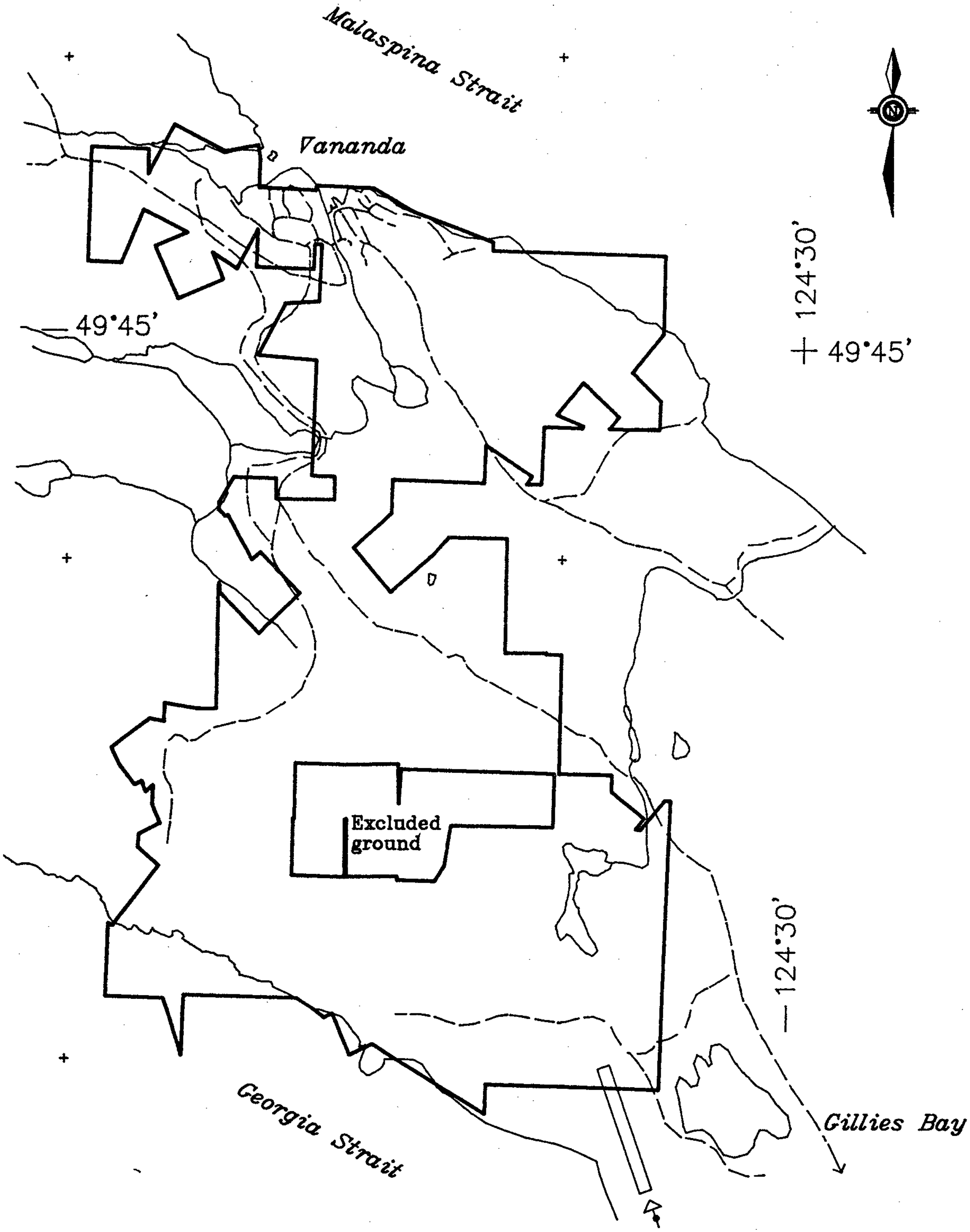
Texada Island is one of the oldest mining camps in the Province, and as a result the property situation is very complex. In some cases, separate ownership exists for base and precious metals; this is further complicated by the limestone quarries, which do not hold their tenure under the terms of the Mineral Act.

Vananda Gold Ltd's property holdings on Texada Island consist of three small mining leases, 31 Crown Granted Claims or Fractional Claims, and 89 located (two post) mineral claims or fractional mineral claims. Figure 2 shows a rough outline of the property but it is not based on any comprehensive recent survey and does not show the location of individual claims. Appendix I is a listing of the present property holdings. The above information is derived from data in the possession of Vananda Gold Ltd.; no independent check has been made, either of the records or of staking in the field. Detailed surveys are recommended.



VANANDA GOLD LTD.		
TEXADA ISLAND PROPERTY NANAIMO, B.C.		
LOCATION MAP		
DATE: NOV. '86	N.T.S.: 92F/10E, 15E	FIGURE: 1
MINEQUEST EXPLORATION ASSOCIATES LTD.		

Geo-Comp Drawing File: VGT/LOC Nov. 24, 1986



VANANDA GOLD LTD.		
TEXADA ISLAND PROPERTY NANAIMO, B.C.		
PROPERTY OUTLINE		
DATE: NOV. '86	N.T.S.: 92F/10E, 15E	FIGURE: 2
MINEQUEST EXPLORATION ASSOCIATES LTD.		

Geo-Comp Drawing File: VGT/PROP Nov. 24, 1986

4.0 HISTORY AND SUMMARY OF PREVIOUS WORK

Texada Island has had a long and complex mining history, much of which involves mines located on the present Vananda Gold Ltd. property. This history, along with some of the exploration history of the property, is summarized in point form in Appendix II. The limestone operations are not considered here.

The sequence of events can be divided into several distinct episodes. Early work, prior to 1895, was concentrated on iron deposits, with some very small copper ore shipments from related occurrences. Between 1895 and 1919, most of the activity was on the gold-copper-silver skarn deposits of the Vananda Camp, which were developed and which sustained production during this period. The final closure of these mines was related to the severe decline in copper prices following the First World War.

Between 1927 and 1930, a concerted effort was made to revive the Vananda mines. Properties were consolidated, and considerable preparatory work and diamond drilling were undertaken, with somewhat mixed success. Interest then waned until 1942, when properties were again consolidated and considerable exploration performed, culminating in the Little Billie mine being put in production again, and operating from 1948 to 1951. Closure of this mine marked the end of this phase of activity.

The year 1951 marked the beginning of real interest in the iron mines on the west side of the island. Mining of these large magnetite deposits, with byproduct copper, gold and silver, continued from 1952 until 1976. This represents a period of sustained and important mineral production from the present Vananda Gold Ltd. property.

Apart from a few sporadic programs there was little work in the Vananda Camp until 1970, when the latest phase of property assembly began. Serious ground work, consisting mostly of geophysics and diamond drilling, commenced in 1977, and has continued with some interruptions to the present.

Until the latest phase of work, commissioned by Vananda Gold Ltd., many of the programs were undertaken essentially in isolation, and results have not been compiled in any systematic way. Such compilation is currently in progress, and will form the basis upon which programs are designed.

This brief review has concentrated solely on events which took place within the boundaries of the present Vananda Gold Ltd. property. No attempt has been made to treat activities on the many occurrences, mostly high-grade gold showings, on properties lying immediately to the west.

5.0 GEOLOGY

The regional geology of Texada Island has not been comprehensively studied since the work of McConnell (1914), although numerous published and unpublished maps and reports treat various isolated areas or specific problems.

The Vananda Gold property is underlain by a succession of mid-Mesozoic volcanic and sedimentary strata (see Figure 3). McConnell (1914) described the andesitic to basaltic "porphyrites" of the Lower Jurassic(?) "Texada group" overlying Triassic or Jurassic limestones of the "Marble Bay formation". The recent compilation by Muller (1977) of the geology of Vancouver Island and adjacent islands classified the volcanic rocks on northern Texada Island as Karmutsen Group (middle to upper Triassic) and the limestones as the overlying upper Triassic Quatsino Formation. Clearly either McConnell's stratigraphy or Muller's assignment is in error; subsequent studies strongly imply the former, and suggest that the limestones in fact overly the volcanic strata. A third possibility is that both Karmutsen and Bonanza Group (Jurassic) volcanic rocks are represented; further field work would be required to prove or disapprove this hypothesis.

The volcanic and sedimentary strata have been cut by at least two types of intrusive rocks, thought to be of Mesozoic age. The more common, typified by the Gillies Lake Stock in the area of the Texada iron mines, is principally composed of quartz diorite and granodiorite. Near Vananda, closely associated with the gold-copper mines, are smaller bodies of diorite, diorite porphyry, and locally more basic intrusive rock. Numerous dykes, generally porphyritic, may be associated with either intrusive family. Such limited studies as have been undertaken suggest that the intrusive rocks are Jurassic or older (Carson, et al., 1971).

TABLE 1 - PRODUCTION FIGURES FOR TEXADA ISLAND MINES

Mine	Period	Prod.(tonnes)	Au(g)	Ag(g)	Cu(kg)	Fe conc. (tonnes)
Copper Queen	1903-1907	3,326[2]	37,175[3]	279,380[3]	148,330[3]	
Copper Queen	1907-1917	749[2]	9,891	75,238	32,417	
Cornell	1897-1919	40,687	471,085	2,194,471	1,368,512	
Little Billie	1896-1916	5,711	50,085	220,458	136,837	
Little Billie	1948-1952	58,000	313,083	977,846	682,261	
Marble Bay	1899-1929	199,210[4]	1,544,100	12,620,500	6,788,900	
Total Vananda		307,683	2,425,419	16,367,893	9,157,257	
Lake	1901-1921	946	3,017	35,955	47,659	
Prescott[5]	1885-?	733	2,799	31,787	38,964	
Texada Iron[6] (Prescott,	1952-1956	2,000,000	-[7]	-[7]	-[7]	1,300,000
Yellow Kid,	1957-1961	3,289,900	156,570	2,989,430	2,759,900	1,709,800
Paxton and Lake	1962-1966	5,168,900	281,950	5,374,600	6,220,400	2,590,300
Mines	1967-1971	5,840,200	235,760	7,876,800	9,814,300	2,730,500
	1972-1976	4,501,900	213,280	7,403,480	7,945,700	2,030,900
Total Texada Iron		20,800,900	887,560	23,644,310	26,740,300	10,361,500

1. Figures are from MinFile, except for Copper Queen 1903-07 which are from Cox (1944).
2. These figures do not accord well with the reported mining history (including leasing) for this deposit, which suggests substantially more tonnage was mined.
3. These figures are approximate, derived by calculating backward from reported grade figures.
4. This figure is uncertain - MinFile gives 1906 production as 95,020 tonnes; I have assumed 9,502 tonnes, which is comparable to other years and yields commensurate grade figures.
5. Although this production is listed as Prescott, it may in fact refer to mining near the Paxton deposit.
6. All figures pertaining to these deposits are rounded slightly.
7. No copper concentrates were produced in this period.

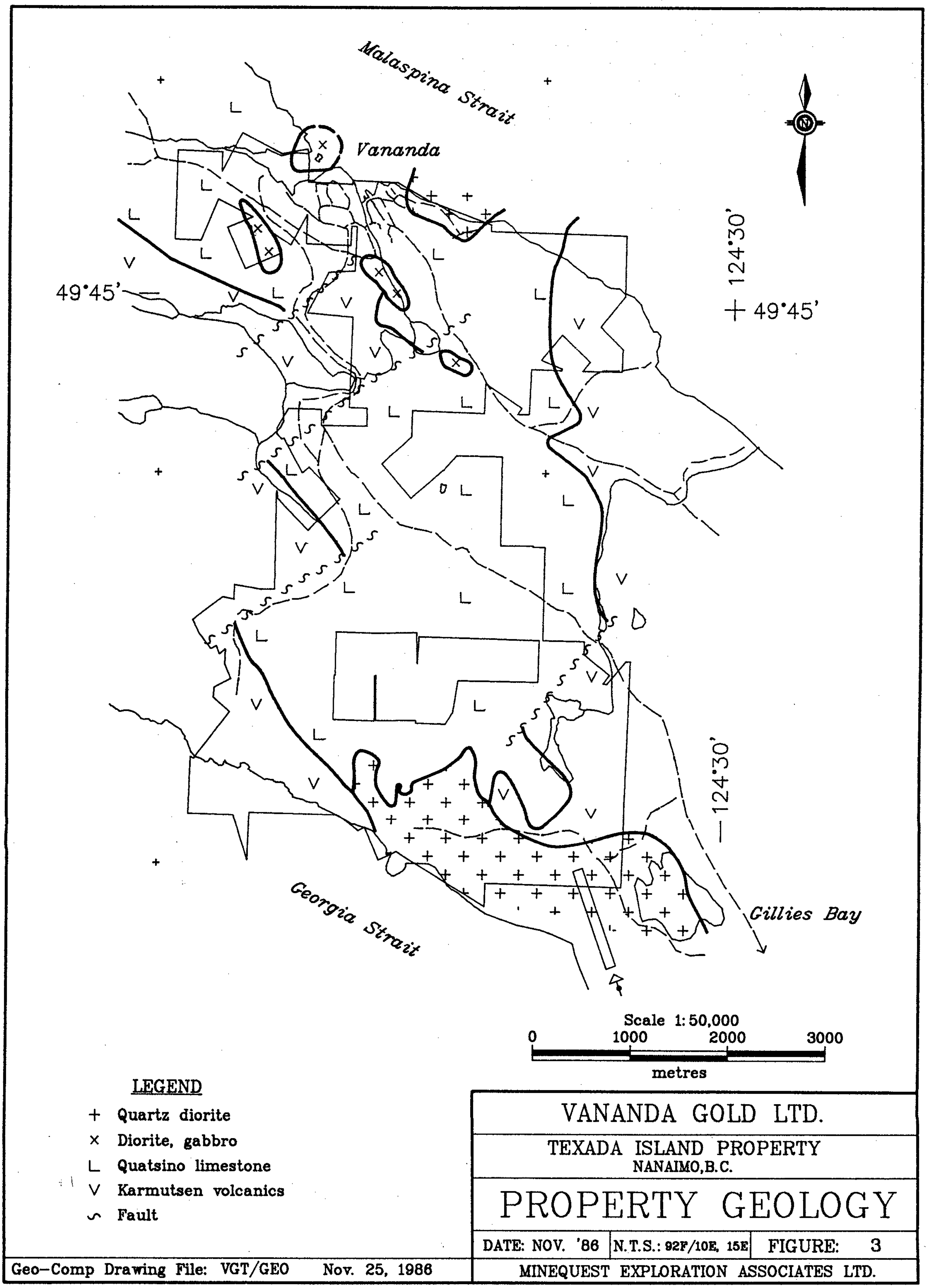
TABLE 2 - PRODUCTION GRADES FOR TEXADA ISLAND MINES

Mine	Years	Tonnes	Au(g/t)	Ag(g/t)	Cu%
Copper Queen	1903-1907	3,326[1]	11.2[2]	84.0[2]	4.5[2]
Copper Queen	1907-1917	749[1]	13.2	100.5	4.3
Cornell	1897-1919	40,687	11.6	53.9	3.4
Little Billie	1896-1916	5,711	8.8	38.6	2.4
Little Billie	1948-1952	58,000	5.4	16.9	1.2
Marble Bay	1899-1929	199,210[3]	7.8	63.4	3.4
Total Vananda		307,683	7.9	53.2	3.0
Lake	1901-1921	946	3.2	38.0	5.0
Prescott	1895-?	733	3.8	43.4	5.3
Texada Iron	1957-1976	18,800,900[2]	0.05	1.25	0.14

1. These figures, from Cox (1944) and B.C. MinFile respectively, do not accord well with the reported mining history (including leasing) for this deposit.

2. These figures are approximations.

3. This figure is uncertain - MinFile gives 1906 production as 95,020 tonnes; I have assumed 9,502 tonnes, which is comparable to other years and yields commensurate grade figures.



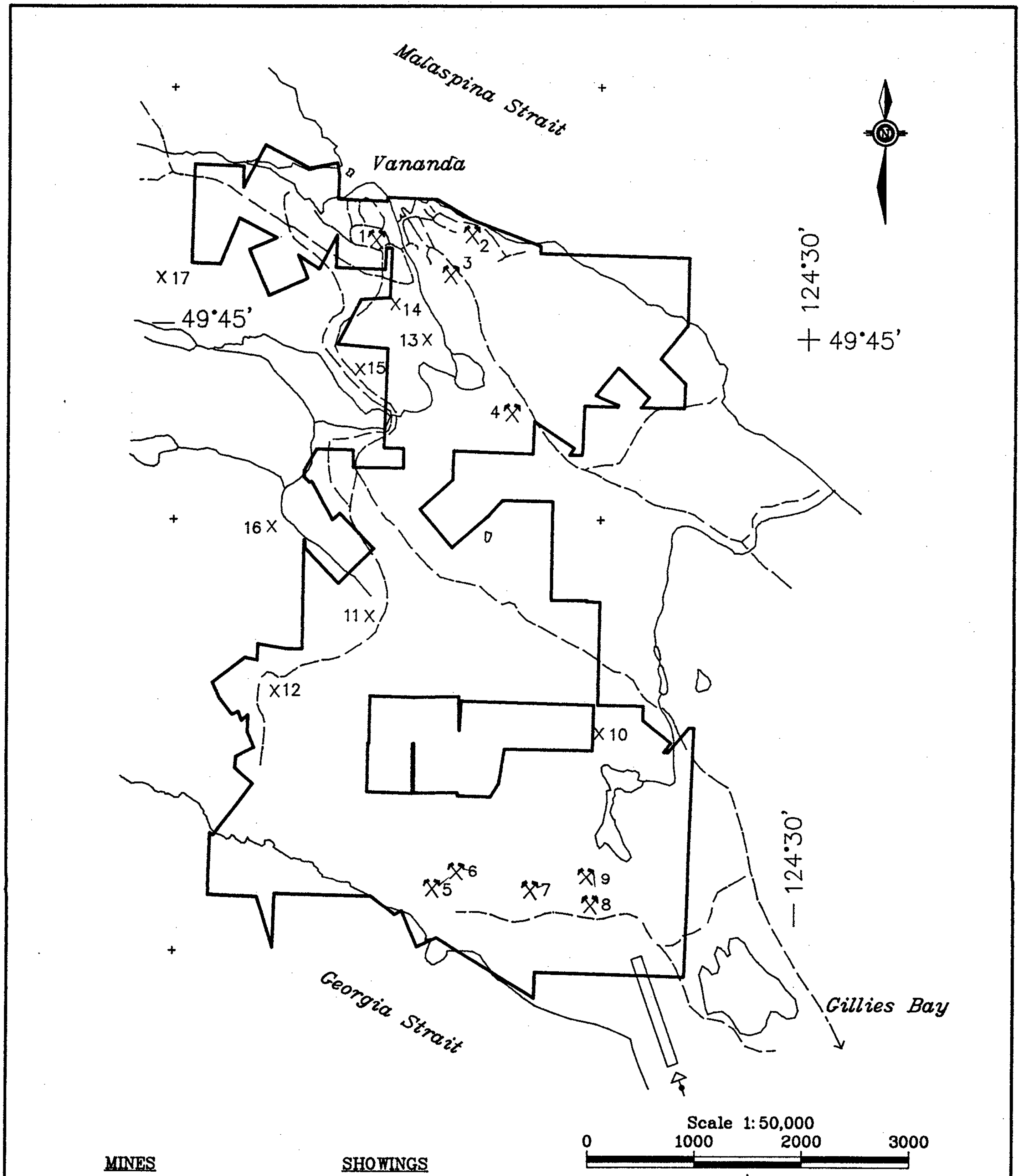
Malaspina Strait
Vananda
124°30'
49°45'
49°45'
124°30'
Georgia Strait
Gillies Bay
Scale 1: 50,000
0
1000
2000
3000
metres
LEGEND
+ Quartz diorite
× Diorite, gabbro
L Quatsino limestone
V Karmutsen volcanics
Fault
VANANDA GOLD LTD.
TEXADA ISLAND PROPERTY
NANAIMO, B.C.
PROPERTY GEOLOGY
DATE: NOV. '86
N.T.S.: 92F/10E, 15E
FIGURE: 3
MINEQUEST EXPLORATION ASSOCIATES LTD.
Geo-Comp Drawing File: VGT/GEO Nov. 25, 1986

6.0 MINERAL DEPOSITS

Several types of mineral deposits have been explored and in some cases exploited on Texada Island, since the beginning of mining history in the late 1800's (see Figure 4). Of these, the most important (not including the very extensive limestone quarries in the Marble Bay formation) are the iron-copper skarns on the west side of the island near Gillies Bay, and the gold-copper-silver skarn deposits near Vananda. Both types have had considerable production, as shown in Table 1. Although the Vananda deposits have produced far fewer tonnes of ore, their unit values were much higher than those of the iron-copper skarn deposits. They are a much more attractive exploration target at present, given their relatively high precious metal tenors. Table 2 shows the average grades of material mined from various deposits.

The Vananda gold-copper-silver deposits consisted of narrow relatively short lenses with very substantial down-plunge projections. Typical dimensions of the larger individual shoots would be about 4 x 25 x 150 metres, or about 60,000 tonnes. These lenses or shoots generally consist of bornite and chalcopyrite in a gangue of garnet, epidote, and diopside with lesser amounts of tremolite, wollastonite and other calc-silicate minerals, contained completely within the massive limestones, usually with associated local bleaching of the limestone to form "white rock". Free gold and native silver have been reported, and molybdenite is a widespread but minor constituent. Details are available in the published reports of McConnell (1914) and Stevenson (1945).

The Texada Iron deposits (see McConnell, 1914; Sangster, 1969; Sutherland Brown and Merrett,



MINES			SHOWINGS		
1	Marble Bay	Au,Cu,Ag	10	Sentinel	Pb,Zn,Ag,Au
2	Little Billie	Au,Cu,Ag	11	Commodore	Cu,Pb,Ag,Au
3	Copper Queen	Au,Cu,Ag	12	Ideal Pit	Zn,Au,Ag
4	Cornell	Au,Cu,Ag	13	Florence	Fe,Cu,Au
5	Prescott	Fe,Cu,Au,Ag	14	Security	Fe,Cu,Au
6	Yellow Kid	Fe,Cu,Au,Ag	15	Priest Lake	Au,pyr.
7	Paxton	Fe,Cu,Au,Ag	16	Holly	Au
8	Lake	Fe,Cu,Au,Ag	17	Marjorie	Au
9	Lake	Cu,Au,Ag			

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TEXADA ISLAND PROPERTY
NANAIMO,B.C.

LOCATION OF MINES AND MINERAL OCCURANCES

DATE: NOV. '86 | N.T.S.: 92F/10E, 15E | FIGURE: 4

Geo–Comp Drawing File: VGT/MIN Nov. 25, 1986

MINEQUEST EXPLORATION ASSOCIATES LTD.

1964; Meinert, 1984) are normal magnetite-chalcopyrite skarns developed near the contacts of limestone, volcanics and quartz diorite intrusions. These in general have very low copper contents, as disseminated chalcopyrite, but there are a few related lenses of high-grade copper mineralization, almost exclusively chalcopyrite.

Also present on the island, although not presently known on the Vananda Gold property, are numerous showings of gold-silver mineralization in quartz or quartz-carbonate veins and shear-zones in volcanic rocks, especially on the western side of the limestone belt. Some of these contain locally spectacular gold mineralization. Another occurrence of some considerable academic interest is the recent Northair Mines Ltd. discovery near Priest Lake, immediately west of the Vananda Gold Ltd. property. F.G. Hewett (personal communication, June 1986) reports that a flat-lying limey horizon, less than 50cm thick and contained within the western volcanic package, contains abundant pyrite, traces of chalcopyrite, and locally substantial gold values. Unfortunately, the tonnage potential appears to be limited, and Northair have relinquished their option on the property.

Numerous other mineral showings of various types, mostly copper-gold-silver and zinc or lead, are found in shears, veins and "replacements" on and adjacent to the Vananda Gold property. One of considerable interest consists of an apparently concordant zone within limestone in the Ideal Cement quarry toward the southern end of the property. Mineralization consists of irregular zones of granular semi-massive pyrite and sphalerite; grab samples taken by D. Constable (Winter, 1984) and by Canamax Resources Inc. assayed as follows:

	Au(g/t)	Ag(g/t)	Zn%	Pb%	Cu%
Constable	5.1	15.1	12.70	0.09	0.09
Canamax	6.1	15.2			

While there is no body of ore of this type exposed in the quarry wall, there is a pronounced IP anomaly some distance downdip from the showing; the presumed source lies at no great depth and could easily be tested by a few short vertical drill holes.

7.0 SIGNIFICANT EXPLORATION RESULTS

The property has a long and complex history, as can be judged by reference to Appendix I and to the reports listed in the Bibliography. In the process of the work, several significant events took place:

1) In the 1920's numerous drill holes in the area of the Vananda mines, especially the Cornell, returned good intersections (Lakes, 1930), which have been only partially followed-up. The best reported intersection, near the Cornell, was 7 metres grading 14.7 g/tonne Au and 11% Cu. The precise location of these holes is not known.

2) Toward the end of the second phase of mining at the Little Billie, several underground holes tested the downward extension of the ore-bodies, with attractive intersections (McLean, 1956). One intersection, in a possible new zone, was 5 metres (core length) grading 8.5 g/tonne Au and 2.69% Cu.

3) In 1979, Shima Resources drilled several holes in a gravity anomaly southeast of the Little Billie, with some interesting results (Winter, 1985). The best intersection was 2 metres grading 3.5 g/tonne Au and 1.68% Cu, as part of a total intersection of 16 metres grading 1.4 g/tonne Au and 1.31% Cu.

4) In 1984, Cartier Resources drilled several holes near the Cornell, with discouraging results, and one hole below the lower workings of the Little Billie, which cut 2.65 metres grading 7.9 g/tonne Au, 29.8 g/tonne Ag, and 1.98% Cu.

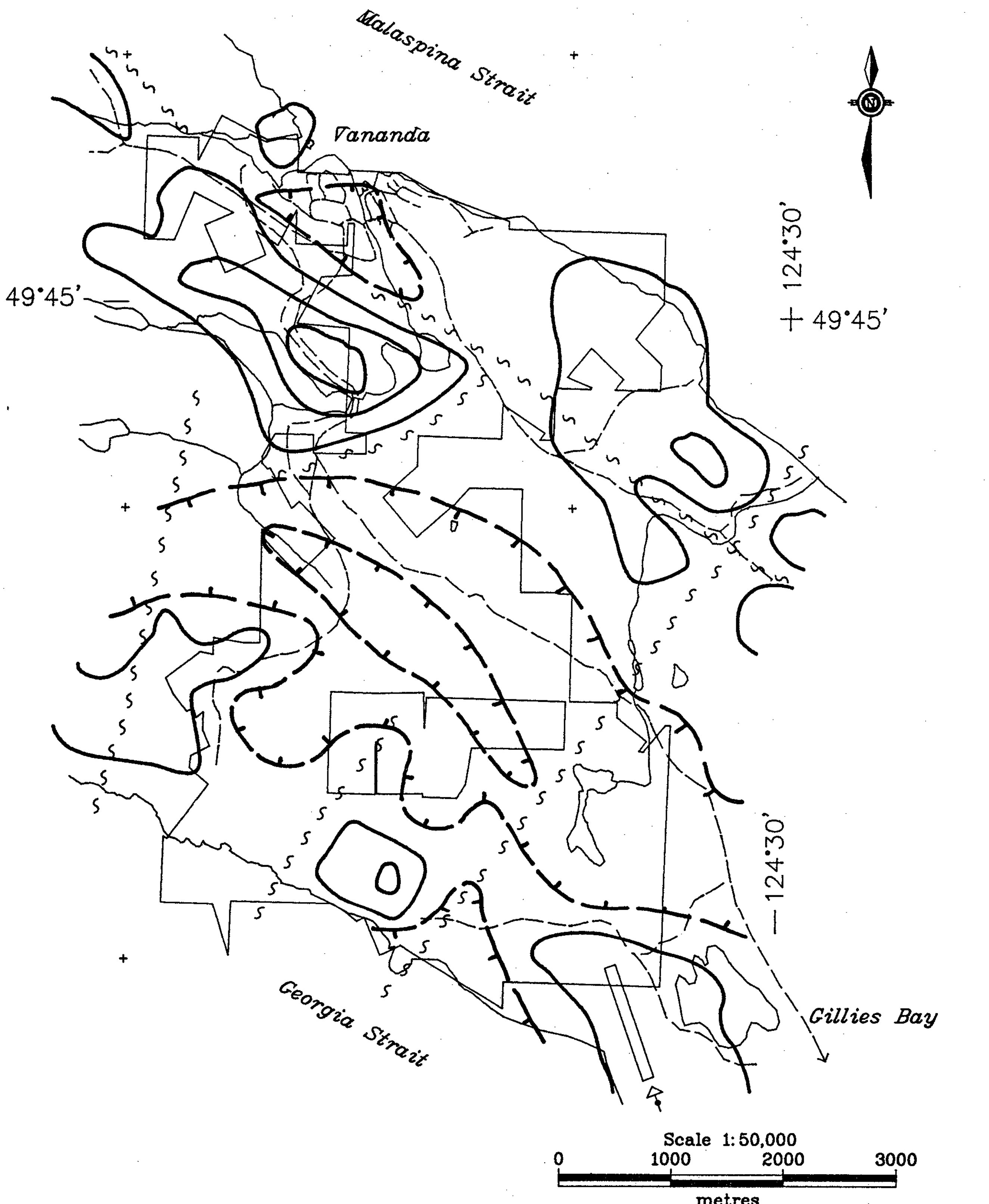
A summary of various significant diamond drill intersections, where data are available, is presented as Appendix III.

8.0 DISCUSSION

Vananda Gold Ltd. has assembled a very comprehensive and attractive land package covering both the Texada iron mines and all of the significant gold-copper-silver mines (former producers) in the Vananda area. These latter deposits produced significant tonnages of good grade ore from elongate, steeply-plunging shoots of skarn mineralization with restricted cross-sectional area but very considerable (250 metres plus) vertical extent. Such shoots were very difficult to explore for, especially in the early days when most exploration was by sinking and drifting. Nothwithstanding considerable diamond drilling in the intervening years, there is still abundant potential for locating more such shoots, both adjacent to old workings and elsewhere. The property can in no way be construed as fully explored.

Exploration targets exist, for example, in surface showings (in trenches) and diamond drill hole intersections from early work in the Florence-Security area northwest of the Cornell mine. These intersections have not been followed up. Aeromagnetic trends and anomalies (see Figure 5) remain to be interpreted and followed up. In the Shima Resources phase of exploration, a reconnaissance gravity survey (see Figure 6) was completed over much of the property, and more intensive geophysical surveys (induced polarization, VLF-EM, gravity and magnetics) were completed on three restricted grids to test previously outlined gravity anomalies. Some targets were diamond drilled, but others remain to be tested.

Similarly, Cartier Resources completed some induced polarization surveys, with mixed results. All these untested target areas should be subjected to a concerted effort consisting of geological mapping and some state-of-the-art geophysical and geochemical techniques. Even after this has been done and targets identified, it will be important to remember the limited cross-sectional area of the high-grade shoots.



LEGEND

Aeromagnetic high

Aeromagnetic low

Interpreted fault

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TEXADA ISLAND PROPERTY
NANAIMO, B.C.

AEROMAGNETICS

DATE: NOV. '86	N.T.S.: 92F/10E, 15E	FIGURE: 5

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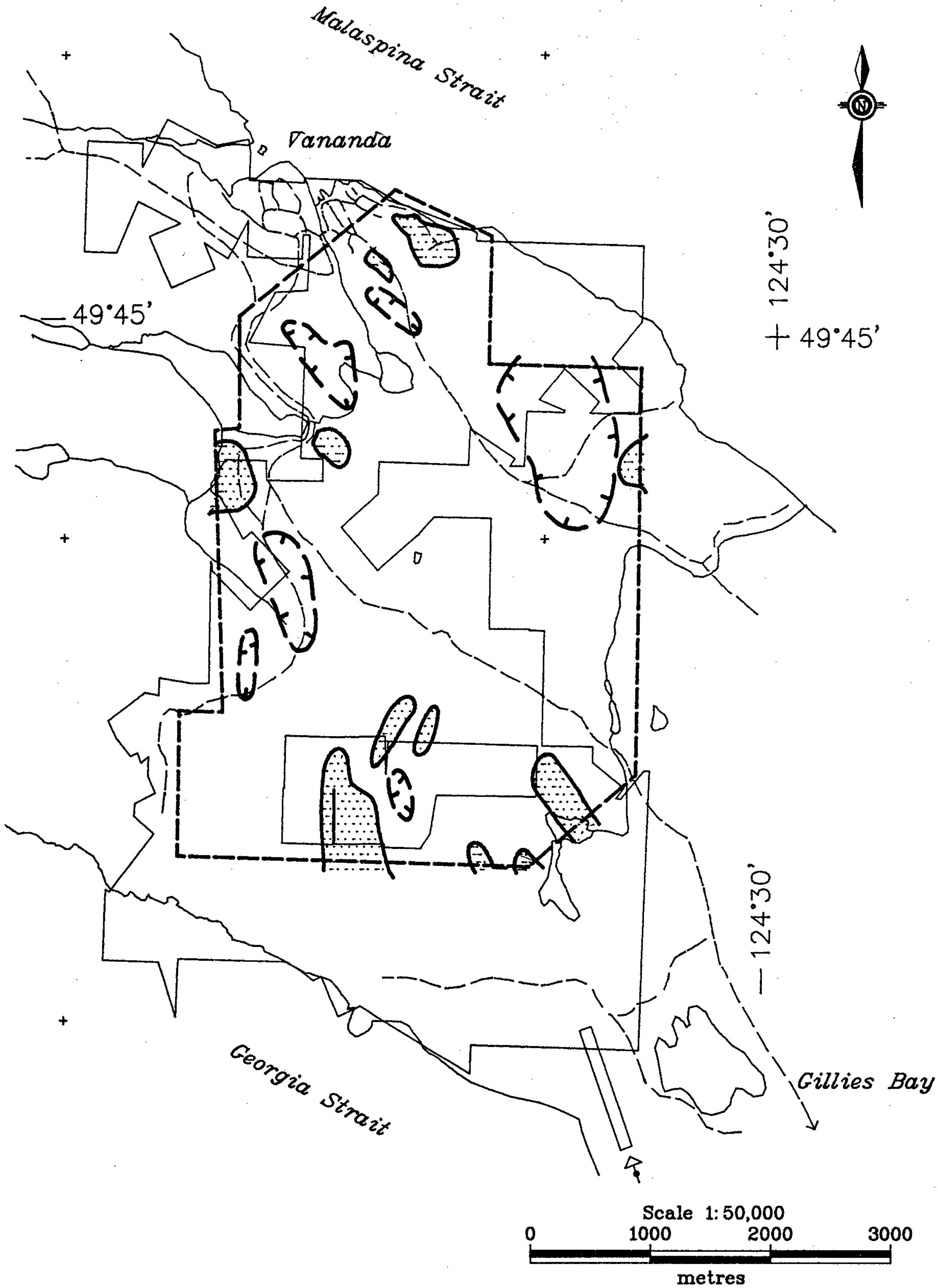
Geo-Comp Drawing File: VGT/MAG Nov. 25, 1986



LEGEND

Gravity High

Gravity Low

Survey Outline

Geo-Comp Drawing File: VGT/ANOM Nov. 25, 1986

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TEXADA ISLAND PROPERTY
NANAIMO, B.C.

GRAVITY ANOMALIES

DATE: NOV. '86	N.T.S.: 92F/10E, 15E	FIGURE: 6

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Since the old-timers mined to economic cutoffs in direct-shipping ore, there is little information available on the character of possible fringe mineralization. Such information will be difficult to acquire but would be extremely useful for directing drilling programs. In addition, a good understanding of the geometry and controls of individual ore shoots will be very valuable.

In summary, there seems little doubt that additional bodies of gold-copper-silver ore remain to be discovered. Although these will be difficult to explore for, this should not be beyond the capabilities of modern geological, geophysical and geochemical techniques. Such bodies constitute attractive targets.

Other significant exploration targets, such as the gold-silver-zinc mineralization in the so-called "pit zone" are worthy of followup, but should not be allowed to detract from the main thrust of the program.

9.0 CONCLUSIONS

1) The Vananda Gold Ltd. property contains several important exploration targets, and is well located with regard to transportation and infrastructure.

2) The most important targets for the immediate term are deposits of the Vananda gold-copper-silver skarn type.

3) Significant exploration potential exists in the neighbourhood of the old mines, especially below the lower levels of the Little Billie, and elsewhere on the property.

4) Individual mines, or clusters of elongate vertical shoots, have the potential (based on historical experience) to produce as much as 200,000 tonnes of good grade gold-copper-silver ore.

5) A reasonable target to aim for in any single deposit would be 200,000 tonnes of material grading 5 to 12 g/tonne Au, 20 to 100 g/tonne Ag, and 1.5 to 3.5% Cu. There is geological potential for several such deposits.

6) Detailed geological surveys coupled with geophysics and followed by extensive diamond drilling will be necessary to prove such tonnages.

7) The skarn gold-copper-silver deposits can be readily subdivided on the basis of metal ratios into gold-dominant (Vananda) and gold-subordinate (Texada) types. More work is necessary to establish whether the geological settings and wall-rock chemistry are recognizably different.

8) Significant potential exists for the discovery of good grade gold-copper mineralization within and immediately adjacent to old workings. For example, an estimate by the Little Billie manager at the time of closure was that there was 17,500 tons grading 0.16 oz/ton gold and 1.3% copper remaining above the sixth level (McLean, 1956). Good intersections exist below the sixth level and require follow-up.

9) Significant potential exists elsewhere on this extensive property. For example, in the Florence-Security area, northwest of the Cornell Mine, several surface trenches and diamond drill holes completed in the 1920's cut significant intersections which have not to date been followed up (see Appendix III).

10.0 RECOMMENDATIONS

The following work is recommended:

Phase I:

1) A complete compilation of all existing data, with information transferred to maps at common scales.

2) Establishment of a grid for control of mapping, geochemistry and geophysics, initially in the Florence-Security area northwest of the Cornell Mine and northeastward toward the Copper Queen and Little Billie Mines.

3) Geological mapping, soil geochemistry, and geophysics (magnetometer and VLF-EM) on this grid area. Soil geochemistry should be for gold by FA/AA, and for a broad suite of elements by ICP.

4) Backhoe trenching, mapping and sampling of existing targets in the Florence- Security area.

5) Surveying of grid and trench locations relative to claim boundaries, old workings and other culture.

6) Assessment of the results of Phase I. Contingent on this assessment, proceed to Phase II.

Phase II:

1) Diamond drilling of targets developed in Phase I. At least one hole should be drilled in the Little Billie area to confirm the intersection obtained by Cartier Resources Inc. below the sixth level. Other holes would probably be located in the Florence-Security area, near the Cornell workings, near the Copper Queen workings, and elsewhere depending on targets.

2) Extensive surveying to locate workings, drill holes, and as much property location information as possible.

3) Some followup trenching, and geophysical and geochemical surveys.

4) Assessment of the results of Phase I. Contingent on this assessment, proceed to Phase III.

Phase III:

1) Diamond drilling on targets developed in Phase II.

2) Surveying to firmly establish the location of drill collars.

3) Assuming favourable results, design of an ongoing program, which would probably include both extensive drilling and rehabilitation of existing underground workings.

11.0 COST ESTIMATE

Phase I - Preparatory Surveys

1)	Complete compilation	$ 5,000
2)	Grid establishment	6,000
3)	Surveying	9,000
4)	Geochemistry	25,000
5)	Geological mapping	20,000
6)	Geophysics	5,000
7)	Trenching and sampling	20,000
8)	Supervision, engineering & reporting	20,000
		$110,000
	ALLOW	$125,000

Phase II - Initial Diamond Drill Test

1)	Diamond drilling; 1500m at $65/m	$ 97,500
2)	Surveying, including claims	18,500
3)	Analyses	4,000
4)	Road-work for drill access	5,000
5)	Followup trenching, geophysics and geochemistry	15,000
6)	Supervision, engineering & reporting	15,000
		$155,000
	ALLOW	$175,000

Phase III - Followup Diamond Drilling

1)	Diamond drilling, 3000m at $60/m	$180,000
2)	Surveying	2,500
3)	Analyses	4,500
4)	Road-work for drill access	5,000
5)	Supervision, engineering, & reporting	20,000
6)	Design of ongoing program	8,000
		$220,000
	ALLOW	$250,000

TOTAL PHASES I TO III	$485,000
ALLOW	$550,000

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA G. R. PEATFIELD

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APPENDIX I

Property Holdings

APPENDIX I

Property Holdings

Name	Record #	Anniversary Date	Comments
Cinnabar	M1	-	Mining Lease
Alladin	M10	-	Mining Lease
VanAnda	M15	-	Mining Lease
Copper Queen	L40	-	CG
Eastgate	L53	-	CG
Lucky Jack	L79	-	CG
Volunteer	L131	-	CG
Europe	L133	-	CG
Great Copper Chief	L134	-	CG
Toothpick FR	L140	-	CG
Marble Bay	L154	-	CG
Cameron	L182	-	CG
Cornell	L201	-	CG
Goodall FR	L234	-	CG
Leroi	L264	-	CG
Boulder Nest	L265	-	CG
Jack North	L266	-	CG
Yellow Kid	L267	-	CG
L.M.C.	L268	-	CG
McLeod #3	L515	-	CG
McLeod #4	L516	-	CG
McLeod #5	L517	-	CG
McLeod #6	L518	-	CG
McLeod #7	L519	-	CG
McLeod #8	L520	-	CG
McLeod #1	L521	-	CG
McLeod #2 FR	L522	-	CG
Lap #1 FR	L523	-	CG
Lap #2 FR	L524	-	CG
Lap #3 FR	L525	-	CG
Lap #4 FR	L526	-	CG
Lap #5	L527	-	CG
Lap #6	L528	-	CG
Lap #8	L530	-	CG partial ownership

APPENDIX I (Continued)

Name	Record #	Anniversary Date	Expiry Year
BASIC 29 Fr.	515	January 23	1996
Brownie No. 1 Fr.	1071	February 10	1997
Brownie #2 Fr.	1072	February 10	1997
Brownie #3 Fr.	1147	April 16	1992
B-40878	13297	June 17	1990
B 40879	13298	June 17	1990
B 40882	13301	June 17	1990
B 40884	13302	June 17	1990
B 40886	13305	June 17	1990
B 40887	13306	June 17	1990
B 40888	13307	June 17	1990
B 40889	13308	June 17	1990
B. 41066	13315	June 24	1993
B. 40900	13316	June 24	1993
B. 40894	13322	June 24	1990
Lime	13933	July 13	1990
Lime No. 1 Fr.	13934	July 13	1990
T.M.L. No. 3	14306	May 15	1987
Lime No. 10 Fr.	14518	June 13	1990
Lime No. 11 Fr.	14519	June 13	1990
Lime No. 12 Fr.	14524	July 14	1990
Lime No. 13 Fr.	14585	November 24	1995
Lime 14	14586	November 24	1995
Lime 15 Fr	14587	November 24	1995
Lime 16 Fr	14588	November 24	1995
T M L #6 Fr	15326	April 17	1987
T.M.L. #7 Fr.	15596	January 17	1996
T.M.L. #8 Fr.	15597	January 17	1996
T.M.L. #9 Fr.	15598	January 17	1996
T.M.L. #10 Fr.	15599	January 17	1996
T.M.L. #11	15600	January 17	1996
T.M.L. #12 Fr.	15601	January 17	1996
T.M.L. #13	15602	January 17	1996
T.M.L. #14	15603	January 17	1996
T.M.L. #15 Fr.	15604	January 17	1996
TML 36	16124	December 6	1995
TML 37	16125	December 6	1996
TML 38	16126	December 6	1996
TML 39	16127	December 6	1996
TML 40	16128	December 6	1996
T.M.L. #41 Fr	16129	December 6	1996
T.M.L. #42 Fr	16130	December 6	1996
T.M.L. #43 Fr	16131	December 6	1996
Lime #18	17284	May 7	1995
Lime #20	17286	May 14	1995

APPENDIX I (Continued)

Name	Record #	Anniversary Date	Expiry Year
Ann	17440	July 21	1996
Ann Fr.	17441	July 21	1996
True Fr.	17554	November 2	1991
IC No. 1	17608	February 1	1996
IC No. 2	17609	February 1	1997
IC No. 3	17610	February 1	1997
IC No. 4	17611	February 1	1997
I.C. No. 11	18126	August 18	1990
I.C. No. 12	18127	August 18	1990
I.C. No. 13	18128	August 18	1990
I.C. No. 14	18129	August 18	1990
I.C. No. 15	18130	August 18	1990
I.C. No. 16	18131	August 18	1990
MARBLE BAY FRACTION No. 2*	34423	October 6	1987
STURT BAY NO. 1	34424	October 12	1995
STURT BAY NO. 2	34425	October 12	1995
VAL Fr	37436	March 4	1987
NOEX Fr	37437	March 4	1987
Basic #1 Fr.	37646	July 26	1991
Basic #2	37647	July 26	1991
Basic #3	37648	July 26	1991
Basic #4 Fr.	37649	July 26	1991
Basic #5	37650	July 26	1991
Basic #6 Fr.	37651	July 26	1991
Basic #7	37652	July 26	1991
Basic #8	37653	July 26	1991
Basic #9	37654	July 26	1991
Basic #11	37655	July 26	1991
Basic #12	37656	July 26	1991
Basic #13	37657	July 26	1991
Basic #15	37658	July 26	1991
Basic #16 Fr.	37659	July 26	1991
Basic #19 Fr.	37661	July 26	1991
Basic #20 Fr.	37662	July 26	1991
Basic #23 Fr.	37663	July 26	1991
Basic #24 Fr.	37664	July 26	1991
IDEAL 10	37787	September 20	1995
IDEAL 14	37788	September 20	1995
IDEAL 17 Fr.	37789	September 20	1995
IDEAL 18 Fr.	37790	September 20	1995
IDEAL 21 Fr.	37791	September 20	1995
IDEAL 22 Fr.	37792	September 20	1995
IDEAL 26 Fr.	37793	September 20	1995

* base metal rights only

APPENDIX II

Partial Chronology, Texada Island Mines

APPENDIX II

Partial Chronology - Texada Island Mines

1873	James Richardson of the Geological Survey of Canada examines the iron ranges on the west coast of the Island.
1875	The iron deposits are acquired by the Puget Sound Iron Company.
1880	The Little Billie is located.
1885	G.M. Dawson (GSC) examines the shoreline of Texada Island, searching for Cretaceous coal measures, and revisiting the west coast magnetite deposits.
1885 to 1890	The Prescott produces some iron ore, and some high-grade copper-gold-silver ore in 1885.
1895	The Copper Queen is located.
1896	The Little Billie commences production.
1897	The Cornell is located and commences production.
1898	The Marble Bay is located.
1899	The Marble Bay commences production.
1901 to 1904	Pacific Steel Company leases the Prescott and ships iron ore to Irondale, Washington.
1903?	The Copper Queen commences production.
1907	The Lake ships 1000 tons of copper ore.
1908 to 1909	R.G. McConnell (GSC) examines Texada, preparing (GSC Memoir 58-1914) the only complete report ever published on the geology of the Island.
1916	The Little Billie closes.
1917	The Copper Queen closes.
1919	The Cornell and Marble Bay (?) close.

APPENDIX II (Continued)

1922	All the buildings on the iron mines are destroyed by fire.
1927 to 1928	Some geophysics and diamond drilling are undertaken in the Little Billie - Copper Queen - Cornell camp.
1929	The Marble Bay ships a small amount of ore.
1930	Central Copper and Gold Co. Ltd. assembles the Little Billie, Copper Queen and Cornell properties and surrounding ground, and a comprehensive report is written by Arthur Lakes. A total of 25 diamond drill holes are completed, with some encouraging results.
1942 to 1945	Industrial Metals Mining Co. Ltd. assembles the Little Billie, Copper Queen, Cornell and Marble Bay mines, dewaters and cleans up the Little Billie, does considerable diamond drilling, and installs machinery. Surface geology is mapped by C.S. Ney in 1942-43 (Ney, 1943). V. Dolmage (1944) reports briefly on the mines in 1944. In late 1944, Pioneer Gold Mines options the property and takes over management (Cox, 1944).
1944	J.S. Stevenson of the B.C. Department of Mines studies the Little Billie mine (Stevenson, 1945).
1945	The Little Billie, Copper Queen and Cornell mines are sold to Vananda Mining Company, who commence deepening the Little Billie shaft from 400 to 600 feet.
1948	Vananda Mines (1948) Ltd. is formed to take over the property of Vananda Mines Ltd., although management is held by Sheep Creek Gold Mines Ltd. A 150 tpd mill is installed at the Little Billie and begins production in November 1948 (Hamilton, 1948).
1948 to 1951	Milling at the Little Billie continues on an intermittent basis. Late in 1951 the Little Billie and Copper Queen mines are connected with a drift on the sixth level. The area below the Copper Queen is diamond drilled

APPENDIX II (Continued)

with discouraging results, and that below the Little Billie with several very good intersections (McLean, 1956).

1951 Texada Mines Ltd. purchases the holdings of the Puget Sound Iron Company.

1952 Production of iron concentrates begins at Texada Iron.

1956 The mill circuits at Texada Iron are changed to recover byproduct chalcopyrite. Production of iron and copper concentrates continues to 1976.

1965 Bethex Explorations Ltd. options the Little Billie from Ideal Cement Company, who are in the process of assembling property on Texada. Bethex is interested in the molybdenum possibilities, and clean out and sample on the 80 level. They also drill four diamond drill holes totalling 988 feet. Their results do not encourage them and they relinquish their option (Coveney, 1966).

1969 Sangster (1969) publishes the results of his studies of the iron-copper skarn deposits of Vancouver and Texada Islands.

1970 By this time, Ideal Cement Company has acquired most of the mineral claims in the Vananda area. John Lamb writes a short report outlining a proposal for a comprehensive exploration program designed to search for more gold-copper-silver deposits (Lamb, 1970).

1975 Ideal completes an aeromagnetic survey and some compilation of the technical data on the project (Anderson, 1976).

1976 Ideal completes a limited amount of ground magnetics on the ground immediately northeast of Priest Lake, on ground which is not presently part of the Vananda Gold property. Results are inconclusive (Mullan, 1977). This year also marks the last production from the Texada iron mines.

APPENDIX II (Continued)

1977	Shima Resources, a non-reporting company, is formed and acquires the Ideal Cement Co. mineral rights under a lease arrangement.
1977 to 1980	Shima does considerable geophysics: gravity, magnetics and IP (Ager, 1978; Ager and Berreta, 1979), along with a geological synthesis and diamond drilling (Fahrni, 1978, 1980 a & b; 1981). This aggregates 16 holes, of which 11 test a gravity anomaly southeast of the Little Billie workings, with generally discouraging results. One hole cuts 16 metres of 1.3% Cu; the gold values are low (1.41 g/tonne) but these values should be checked, as they appear anomalously low relative to the copper value, based on previous results.
1981 to 1984	The property is consolidated by a private company, Marble Bay Holdings Ltd., which acquires an option on the property from Ideal Basic Industries and Ideal Cement.
1984	Cartier Resources Inc. acquires the property by purchasing the shares of Marble Bay Holdings to acquire the option, and in 1984 drills 1338 metres in 10 diamond drill holes (Winter, 1984; 1985). Nine of these are designed to test reported (Lakes, 1930) high-grade intersections northwest of the Cornell but are not successful. The tenth cuts mineralization below the sixth level of the Little Billie, grading 1.98% Cu, 7.89 g/tonne Au, and 29.8 g/tonne Ag over 2.65 metres. Geophysical surveys are carried out (Candy and White, 1985).
1986	Vananda Gold Ltd. is formed, and negotiates an option agreement with Cartier to explore the property. Some fieldwork is undertaken by Vananda, and a detailed compilation of the old data begun under the supervision of MineQuest Exploration Associates Ltd.

APPENDIX III

Summary of Significant Diamond Drill and Trench Intersections

APPENDIX III

Summary of Significant Diamond Drill
and Trench Intersections

Hole #	Area	Intercept (metres)	Au (g/tonne)	Ag (g/tonne)	Cu %
1929 -	Cornell, Florence-Security (Lakes, 1929)				
2	Security	0.61	3.4	n/a	4.3
3	Security	1.22	0.3	n/a	1.3
3	Security	1.83	0.3	n/a	3.5
4	Security	2.13	0.3	44.6	2.5
6	Cornell	2.13	5.1	n/a	27.0
6	Cornell	7.01	14.7	n/a	11.0
7	Cornell	6.10	1.0	96.0	4.0
8	Cornell	4.88	1.0	24.0	1.9
8	Cornell	7.01	6.9	51.4	2.8
8	Cornell	17.1	1.0	54.9	3.3
13	Cornell	?	1.7	3.4	0.4
13R	Cornell	?	1.7	3.4	0.4
15	Cornell	1.83	8.2	n/a	19.1
21	between Florence and Security	3.66	1.4	34.3	1.0
22	Florence	3.66	1.4	n/a	1.6
25	Florence	2.74	1.0	68.6	3.5
1951 -	Little Billie uunderground (McLean, 1956)				
602	#20 orebody	7.99	17.1	n/a	2.84
602	new zone?	5.03	8.5	n/a	2.69
606	#20 orebody	23.38	7.5	n/a	1.76
1966 -	Little Billie - Bethex (Coveney, 1966)				
4		10.67	2.7	17.5	1.48
1979, 1980 -	Shima Resources (Fahrni, 1980a, 1981)				
SR79-1	gravity anom. south of Little Billie	16.0	1.4	18.5	1.30
	(includes)	4.0	3.3	24.3	1.94
SR80-7	Lake North gravity anom.	1.0	2.8	n/a	n/a
1984 -	Cartier Resources Inc. (Winter, 1985)				
TI84-1	Cornell	1.52	0.8	n/a	n/a
TI84-10	Little Billie below 6 level	2.65	7.9	29.8	1.98

APPENDIX III (Continued)

Hole #	Area	Intercept (metres)	Au (g/tonne)	Ag (g/tonne)	Cu %
1929 -	Trenching, Florence-Security (Lakes, 1929)				
	near hole 21	3.96	1.4	n/a	5.7
	near hole 21	1.22	2.7	n/a	1.0
	near hole 21	0.61	9.6	n/a	14.8
	Florence	? (narrow)	25.7	130.3	17.2

n/a - not available

APPENDIX IV

Statement of Qualifications,
G.R. Peatfield, Ph.D., P.Eng.

STATEMENT OF QUALIFICATIONS

I, Giles R. Peatfield, hereby certify that:

1. I am a consulting geologist with a business office at #201-311 Water Street, Vancouver, British Columbia, V6B 1B8

2. I am a principal of MineQuest Exploration Associates Ltd., a company performing geological consulting and contract exploration services for the mineral exploration industry.

3. I am a graduate of the University of British Columbia (B.A.Sc., Geological Engineering, 1966) and of Queen's University at Kingston (Ph.D., 1978).

4. I am a fellow of the Geological Association of Canada, a Member of the Canadian Institute of Mining and Metallurgy, of the Mineralogical Association of Canada, of the Association of Exploration Geochemists, and of the Association of Professional Engineers of British Columbia.

5. I have practiced my profession as a geologist for more than 17 years.

6. Nature of Investigation: I visited the Texada Island property on June 7, and again on July 21-22, 1986. This report is based on those examinations, on conversations with Messrs. Stanley Beale and David Watkins of Vananda Gold Ltd. and on examination of numerous reports and files in the possession of Vananda Gold Ltd.

7. I have no interest, direct or indirect, nor do I expect to receive any interest in the property which is the subject of this report or in the securities of Vananda Gold Ltd.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. R. PEATFIELD

Signed: G.R. Peatfield

G.R. Peatfield,
Ph.D., P.Eng.

Dated at Vancouver, B.C. this
13th day of November, 1986

Vananda Gold Ltd., Texada Island Property

Summary of 1986-87 Program

The program of exploration on Vananda Gold's Texada Island property is an ongoing one. The phases of this program which have recently been completed involve geological mapping, grid establishment (line-cutting) and soil sampling, some surveying to establish claim boundaries, and compilation of much pre-existing information. For the purposes of providing background information, two reports by G.R. Peatfield, who reviewed the history and setting of the property, are included with this summary. A detailed report summarizing all this work is in preparation, pending receipt of the latest data and preparation of various maps and drawings.

Subsequent to the initial review, a base-line was established in the area of the Cornell Mine and the Florence and Security occurrences (see attached map). Flagged cross-lines were established for control and in the final analysis the surface geology covering much of the area between the Cornell and Little Billie mines was mapped by Art Ettlinger, at a scale of 1:2,500. Mr. Ettlinger's map (see attached) is included with this summary. This geological mapping has to a degree confirmed the picture outlined by previous work, but has added numerous details. The most important observation is that there appears to be a good correlation between areas of bleaching or "white-rock" development in the limestones and zones of copper skarn mineralization. This could have profound implications in the search for new blind skarn zones. Of particular interest in this regard is a large area of bleaching or marble development north and east of the Cornell Mine, south of Little Billie, and adjacent to the Canada LaFarge quarry dump. This area deserves extensive work, especially if the results from the recently collected but as yet unanalyzed soil samples are encouraging.

Geochemistry on the Texada property has been undertaken in two phases. The first program concentrated on four small grids (Sentinel, Cornell, Florence and Security - see grid location map). Soil samples, of B-horizon material, were analyzed by Acme Analytical Labs for Au (FA/AA) and 30 elements (ICP). The analytical certificates are attached; sample numbers are such that results can be plotted for each grid. Rough hand-drawn plots for Au and Cu are included for three of the grids.

.../2

At Sentinel, a north-trending Zn and Pb anomaly (see attached) confirms the trace of known zinc-lead mineralization in a vertical breccia structure in limestone. On the Cornell, Florence and Security grids, extensive gold soil anomalies appear to indicate generally northeasterly-trending zones, more extensive than copper anomalies, suggesting the presence of gold mineralization not related to copper-gold skarns. This hypothesis is a new one and requires aggressive follow-up.

Following on from the results of the first geochemical program, a much more extensive grid was laid out (Vananda Grid - see grid location map). This grid has been established and totally sampled; analytical results are available only for the northwest portion, essentially the area of the old Security grid. Samples were analyzed, again by Acme, for Au (MIBK-AA) and Cu, Pb, Mo, As, and Co (ICP).

Results from this phase of sampling have been most encouraging, essentially confirming the sampling on the Security grid, and showing that the general east-west trend of anomalies is well defined for gold, although less so for other elements. Some limited comparative work suggests that the MIBK-AA technique for Au is as effective, and considerably less expensive, than the FA/AA technique. Accordingly, the former procedure will be employed from now on.

G.R. Peatfield

G.R. Peatfield, Ph.D., P.Eng.

GRP/sp
Mar. 5, 1987

Itemized Statement of Expenditures
Vananda Gold Ltd. - Texada Property

Wages Paid By Vananda:

M. Ryan	- Field supervision and data compilation 115 days at $185	$21,275
J. Christianson	- Prospecting, sampling and line-cutting 30 days at $100	3,000
R. Samuelson	- Prospecting, sampling and line-cutting 45.5 days at $100	4,550
D. Murphy	- Prospecting, sampling and line-cutting 20 days at $100	2,000
D. Rhynold	- Line-cutting and surveying 16.5 days at $100	1,650
A. Ettlinger	- Geology 23 days at $125	2,875
		$35,350

Consulting Fees:

MineQuest Exploration Associates Ltd.

G.R. Peatfield 74.75 hours at $80 (pro-rated share of invoices)		$5,980.00

Vananda Gold Management Fees:

S.L. Beale - field co-ordination 14 days at $300		$4,200.00
Fee - 15% of Vananda wages for overhead	5,302.50	
- 5% of Vananda disbursements for overhead	2,391.23	$7,693.74

Vananda Gold Disbursements (Applicable Portion)

Analytical		$ 6,024.85
Room and board		3,000.00
Supplies and equipment		4,000.00
Transportation:		
Scheduled air	$ 1,000.00	
Charter air service	2,000.00	
Vehicle rentals	3,600.00	
Vehicle O.&M	1,000.00	7,600.00
Equipment rental (transit)		350.00
Communications		1,200.00
Rental of trailer		1,200.00
Secretarial services		100.00
Drafting office rent 12.5 days at $35/day		437.50
		$23,912.35

Consultant's Disbursements:

Analyses	69.25	
Drafting	550.00	
	619.25	
Plus 10% over-ride	61.93	$681.18

Consultants In-House Charges:

Secretarial	200.00	
Copies, etc.	50.00	250.00

Costs to Date:		78,067.27

Estimate of Costs to Complete Project and Report:

Consultants charges	2,400.00	
Drafting	1,500.00	
Secretarial, copies, etc.	250.00	
Analytical	7,400.00	11,550.00
GRAND TOTAL		$89,617.27

G.R. Peatfield

(1)

RECEIVED … 10 1986

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-9 SOILS -80 MESH P10-ROCKS AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: DEC 12 1986 DATE REPORT MAILED: Dec 19/86 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
S 9+00N 1+00W	1	17	9	143	.4	4	1	4666	.70	8	5	ND	1	209	1	2	3	6	32.07	.164	2	7	.49	74	.01	8	.45	.12	.01	1	1
S 9+00N 0+50W	2	40	16	122	.4	6	4	3724	3.24	209	5	ND	4	137	1	2	3	30	16.48	.155	5	8	5.03	96	.02	7	1.55	.13	.01	1	1
S 9+00N 0+00W	1	36	11	68	.1	12	7	717	2.78	20	5	ND	3	38	1	2	2	66	1.23	.031	10	23	.86	68	.12	4	2.59	.07	.04	1	2
S 8+80N 0+00E	1	26	7	88	.1	15	7	767	2.66	7	5	ND	3	25	1	2	2	64	.62	.035	6	24	1.15	41	.13	2	2.49	.06	.03	1	1
S 8+80N 0+50E	1	83	37	90	.3	12	5	981	1.84	7	5	ND	4	97	1	2	2	29	8.63	.069	3	15	.52	48	.05	7	1.20	.10	.04	1	3
S 8+60N 2+00W	1	80	5	51	.2	16	6	190	2.26	10	5	ND	3	35	1	2	2	91	.75	.046	8	18	.37	46	.10	3	1.92	.07	.02	1	1
S 8+60N 1+50W	1	44	42	158	.3	7	3	6006	1.09	8	5	ND	3	134	1	2	2	13	14.71	.140	3	8	.34	177	.02	9	.80	.10	.02	76	1
S 8+60N 0+00E	1	33	24	155	.2	17	6	1534	2.77	11	8	ND	4	64	1	2	2	52	4.84	.079	6	20	1.26	72	.11	6	2.61	.10	.03	1	1
S 8+60N 0+50E	3	25	18	182	.2	27	10	703	3.82	9	5	ND	3	29	1	2	2	78	.98	.166	6	37	1.94	58	.15	4	3.49	.09	.03	1	2
S 8+40N 3+00W	1	8	5	71	.1	8	4	303	1.82	8	5	ND	1	21	1	2	2	37	.33	.147	3	10	.24	48	.08	2	1.39	.03	.01	1	1
S 8+40N 2+50W	2	22	18	144	.1	12	7	1220	2.67	12	5	ND	1	31	1	2	2	50	.67	.133	4	16	.71	73	.11	2	1.81	.06	.02	1	23
S 8+40N 2+00W	3	17	14	172	.1	15	6	1434	4.07	8	5	ND	3	83	1	2	2	53	5.69	.153	5	23	2.40	67	.10	4	2.27	.10	.01	1	1
S 8+40N 1+50W	1	10	15	50	.2	2	1	1455	.54	3	5	ND	1	204	1	2	3	4	30.14	.050	2	5	.55	46	.01	5	.22	.12	.01	2	1
S 8+40N 0+00E	1	45	10	67	.1	14	8	578	2.84	8	5	ND	4	62	1	2	2	69	1.71	.060	9	21	.82	104	.18	2	2.12	.10	.08	1	1
S 8+40N 0+50E	1	28	15	109	.2	4	1	4348	.30	3	5	ND	2	159	1	2	3	5	25.25	.056	2	4	.47	119	.01	6	.21	.11	.01	1	2
S 8+20N 3+00W	1	7	7	46	.1	4	2	627	1.13	4	5	ND	1	19	1	2	2	24	.57	.083	4	7	.12	40	.07	3	.74	.04	.01	1	1
S 8+20N 2+50W	1	23	27	245	.1	8	4	956	1.80	17	5	ND	1	37	1	2	2	38	.65	.100	3	12	.29	57	.10	3	1.25	.05	.01	1	6
S 8+20N 2+00W	2	33	17	239	.3	31	10	1569	3.62	10	5	ND	3	30	1	2	2	73	.98	.157	8	41	2.25	115	.14	5	3.61	.08	.04	1	1
S 8+20N 1+50W	2	33	19	118	.1	21	10	911	3.51	13	5	ND	2	27	1	2	2	81	.82	.148	4	33	.87	51	.17	2	2.51	.07	.03	1	1
S 8+20N 0+00E	1	12	10	68	.2	2	1	1562	.73	8	5	ND	1	206	1	2	2	6	30.93	.052	2	4	1.44	41	.01	3	.27	.13	.01	1	1
S 8+20N 0+50E	2	17	9	173	.7	9	2	6215	.85	9	5	ND	1	168	1	2	2	9	30.31	.257	2	9	.33	109	.01	11	.71	.12	.02	1	1
S 8+00N 3+00W	1	9	2	51	.1	6	3	328	1.55	6	5	ND	1	26	1	2	2	32	.65	.133	3	9	.21	32	.06	3	1.16	.04	.02	1	14
S 8+00N 2+50W	2	31	10	292	.1	14	7	452	2.55	31	5	ND	2	29	1	2	2	57	.46	.046	6	20	.57	52	.13	2	2.14	.05	.02	1	2
S 8+00N 2+00W	2	21	14	242	.1	18	8	1680	3.45	7	5	ND	2	26	1	2	2	64	.78	.149	6	28	.87	110	.16	5	1.94	.06	.04	1	1
S 8+00N 1+50W	1	78	12	113	.1	30	13	766	4.17	9	5	ND	4	24	1	2	2	98	.57	.109	8	44	1.30	50	.22	4	3.70	.07	.03	1	1
S 8+00N 1+00W	1	18	16	203	.1	9	7	1890	2.75	3	5	ND	1	25	1	2	2	48	.52	.322	4	17	1.39	102	.08	4	2.13	.05	.03	1	2
S 8+00N 0+00E	3	33	44	239	.3	9	3	3078	2.63	14	5	ND	3	91	1	2	2	19	9.10	.231	3	11	2.72	96	.03	8	1.21	.11	.03	1	1
S 8+00N 0+50E	1	12	11	55	.2	3	1	3280	.42	3	5	ND	1	185	1	2	3	4	25.83	.052	2	2	.26	92	.01	4	.29	.11	.01	1	1
S 7+80N 3+00W	1	79	2	49	.1	25	7	389	1.53	7	5	ND	1	27	1	2	2	33	.84	.030	4	15	.28	29	.08	3	1.18	.05	.01	1	1
S 7+80N 2+50W	1	29	13	67	.1	10	5	733	1.45	22	5	ND	1	41	1	2	2	23	.51	.065	2	11	.17	55	.06	4	1.04	.03	.02	1	5
S 7+80N 2+00W	3	144	14	192	.1	9	40	1195	6.14	5	5	ND	3	89	1	2	2	79	1.04	.040	6	7	3.38	195	.20	2	4.52	.14	.05	1	127
S 7+80N 1+50W	2	102	17	155	.2	15	14	2563	4.55	8	5	ND	3	39	1	2	2	34	2.66	.171	15	18	2.42	124	.12	9	1.68	.09	.01	1	2
S 7+80N 1+00W	1	40	8	82	.1	15	9	305	3.24	6	5	ND	2	23	1	2	2	73	.49	.077	5	23	.86	26	.16	4	2.30	.06	.02	1	14
S 7+80N 0+50W	2	27	20	128	.1	15	9	984	3.18	5	5	ND	1	22	1	2	2	65	.58	.223	4	25	.72	63	.13	2	2.22	.06	.03	1	1
S 7+80N 0+00E	3	15	20	130	.4	4	1	2859	2.70	55	5	ND	4	130	1	4	3	9	20.93	.140	2	4	6.15	92	.01	2	.51	.13	.01	1	1
S 7+80N 0+50E	1	28	17	75	.3	8	5	567	2.12	18	5	ND	4	161	1	2	2	42	10.02	.047	3	12	.54	29	.07	3	1.43	.10	.02	1	2
STD C/AU-S	20	58	42	138	7.0	68	28	1012	3.95	40	19	7	34	48	17	16	19	64	.45	.101	36	56	.88	180	.08	36	1.72	.10	.12	13	48

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- Security Grid -

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
S 7+60N 3+00W	1	62	7	53	.1	15	7	311	1.93	6	5	ND	1	20	1	2	2	50	.46	.021	3	23	.35	32	.11	3	1.21	.04	.03	1	62
S 7+60N 2+50W	1	20	12	77	.2	16	8	563	2.62	14	5	ND	1	24	1	2	2	54	.38	.078	3	24	.55	38	.13	5	1.92	.05	.03	1	34
S 7+60N 2+00W	2	120	26	231	.4	10	19	2077	3.69	8	5	ND	1	63	1	2	2	64	1.11	.072	5	11	.94	102	.13	3	2.15	.07	.04	1	16
S 7+60N 1+50W	1	50	22	102	.2	11	8	2107	1.88	6	5	ND	1	38	1	2	2	43	.72	.058	4	16	.46	89	.09	5	1.27	.04	.04	1	11
S 7+60N 1+00W	1	19	25	342	.1	16	8	2732	3.74	8	5	ND	2	35	1	2	2	56	1.02	.276	5	22	1.31	117	.11	3	2.40	.06	.03	1	1
S 7+60N 0+50W	1	43	22	165	.1	10	10	2769	3.46	10	5	ND	1	24	1	2	2	58	.63	.428	3	21	.52	101	.10	3	2.38	.05	.02	1	20
S 7+60N 0+00E	1	22	16	93	.3	4	2	1568	.94	8	5	ND	1	97	1	2	2	17	14.11	.069	2	7	1.78	46	.03	3	.70	.10	.01	1	4
S 7+60N 0+50E	1	18	12	41	.2	5	3	290	1.56	3	5	ND	2	25	1	2	2	32	1.05	.036	6	9	.22	17	.07	4	1.29	.05	.02	1	435
S 7+40N 3+00W	1	86	12	69	.3	26	9	293	2.43	6	5	ND	2	78	1	2	2	64	4.29	.021	4	39	.81	35	.17	2	1.89	.10	.06	1	7
S 7+40N 2+50W	1	12	25	132	.3	11	5	1029	2.11	21	5	ND	1	37	1	2	2	21	.83	.390	4	12	.17	70	.05	4	1.52	.04	.04	1	1
S 7+40N 2+00W	1	13	18	170	.1	11	3	2744	.86	6	5	ND	1	48	1	2	2	13	1.03	.111	2	9	.18	99	.03	5	.65	.04	.02	1	2
S 7+40N 1+50W	1	46	17	124	.1	15	10	834	2.34	7	5	ND	1	26	1	2	2	53	.55	.106	3	24	.49	54	.12	2	1.77	.05	.04	1	5
S 7+40N 1+00W	1	38	17	153	.2	14	9	1101	2.31	5	5	ND	1	38	1	2	2	37	1.24	.047	3	17	1.34	63	.14	5	1.64	.06	.03	1	23
S 7+40N 0+50W	3	31	41	214	.5	11	5	8225	1.65	8	5	ND	1	77	1	2	2	23	5.89	.168	5	14	.71	262	.03	10	1.38	.09	.03	1	14
S 7+40N 0+00E	1	10	16	133	.1	6	4	1674	2.35	8	5	ND	2	32	1	2	2	37	.79	.455	3	13	.30	82	.07	2	1.80	.05	.03	1	3
S 7+40N 0+50E	1	20	7	33	.1	6	4	349	1.56	8	5	ND	1	14	1	2	2	37	.31	.041	3	12	.46	19	.06	2	1.17	.04	.02	1	5
S 7+20N 3+00W	1	47	6	45	.6	24	11	305	2.35	2	5	ND	1	32	1	2	2	63	.76	.014	8	32	.37	32	.22	3	1.59	.07	.03	1	4
S 7+20N 2+50W	1	65	29	205	.4	19	8	416	1.89	12	5	ND	2	19	1	2	2	32	.47	.039	4	20	.36	34	.09	2	1.43	.04	.03	1	1
S 7+20N 2+00W	1	47	12	132	.1	28	8	651	2.56	18	5	ND	2	20	1	2	2	52	.45	.096	4	27	.45	34	.12	3	2.19	.05	.03	2	4
S 7+20N 1+50W	1	60	13	86	.2	11	7	403	1.90	4	5	ND	1	20	1	2	2	45	.43	.025	3	13	.27	26	.10	4	.99	.04	.03	1	8
S 7+20N 1+00W	1	28	13	69	.1	9	4	312	1.70	2	5	ND	1	25	1	2	2	40	.54	.038	3	14	.28	47	.08	2	1.02	.04	.01	1	8
S 7+20N 0+50W	1	83	20	118	.2	15	20	926	4.81	20	5	ND	3	25	1	2	2	86	1.03	.054	9	23	.83	42	.02	4	2.63	.06	.02	1	175
S 7+20N 0+00E	1	25	21	155	.1	13	7	1090	3.49	14	5	ND	1	19	1	2	2	57	.41	.336	4	21	.83	71	.09	3	2.53	.05	.03	1	36
S 7+20N 0+50E	1	28	11	77	.3	6	4	195	1.68	9	5	ND	1	18	1	2	2	33	.65	.036	4	9	.24	14	.07	3	1.30	.04	.02	1	1
S 7+00N 3+00W	1	344	5	52	1.6	21	20	859	1.01	2	10	ND	1	124	3	2	2	22	5.15	.109	60	24	.15	48	.02	8	1.18	.09	.02	1	42
S 7+00N 2+50W	1	13	17	50	.1	11	5	314	1.19	7	5	ND	1	22	1	2	2	16	.73	.017	2	8	.13	24	.02	4	.76	.03	.03	1	1
S 7+00N 2+00W	1	24	15	154	.2	7	3	474	1.71	31	5	ND	1	22	1	2	2	19	.72	.043	2	7	.15	28	.03	3	.61	.03	.02	2	2
S 7+00N 1+50W	1	416	9	148	1.1	7	12	1132	2.59	22	5	ND	1	72	1	2	2	27	2.39	.114	3	3	2.38	18	.06	4	1.54	.07	.02	1	185
S 7+00N 1+00W	1	91	10	58	.1	12	7	338	2.27	10	5	ND	2	33	1	2	2	52	.42	.020	7	20	.64	52	.11	2	1.73	.04	.02	1	495
S 7+00N 0+50W	1	38	10	50	.2	12	6	349	2.10	6	5	ND	3	38	1	2	2	47	1.30	.040	6	17	.60	52	.10	4	1.32	.07	.08	1	3
S 7+00N 0+00E	1	28	10	59	.1	9	6	737	2.09	4	5	ND	1	20	1	2	2	46	.43	.054	4	15	.55	56	.09	3	1.41	.04	.03	1	11
S 7+00N 0+50E	1	18	10	52	.1	6	4	431	1.83	2	5	ND	1	21	1	2	2	41	.82	.022	2	11	.38	23	.08	5	1.04	.05	.02	1	10
S 6+80N 3+00W	3	41	3	47	.3	8	15	523	.14	2	11	ND	1	99	1	2	2	15	4.50	.050	2	5	.07	18	.01	12	.10	.07	.02	1	1
S 6+80N 2+50W	1	25	12	31	.2	23	7	162	1.84	10	5	ND	1	23	1	2	2	60	.92	.006	2	38	.29	21	.32	3	1.15	.05	.02	1	6
S 6+80N 2+00W	3	54	10	203	.3	9	7	432	4.23	58	5	ND	3	211	1	2	2	36	11.33	.034	4	7	.48	29	.05	3	1.18	.11	.03	5	2
S 6+80N 1+50W	1	47	17	121	.4	13	7	902	2.07	17	6	ND	3	275	1	2	2	35	9.79	.123	5	17	.58	51	.04	5	1.57	.10	.05	1	13
STD C/AU-S	21	58	42	139	7.0	69	28	1014	3.95	40	19	7	34	48	18	16	22	64	.45	.103	36	57	.88	178	.08	37	1.72	.10	.15	12	49

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- Security Grid -

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
S 6+80N 1+00W	1	20	5	57	.1	8	4	392	1.59	5	5	ND	1	26	1	2	2	37	.47	.072	5	13	.30	51	.09	4	1.23	.04	.02	1	1
S.6+80N 0+50W	1	34	7	56	.1	16	7	443	2.40	5	5	ND	3	40	1	2	2	55	1.06	.056	8	21	.68	63	.12	6	1.50	.08	.08	1	1
S 6+80N 0+00E	1	14	6	79	.1	10	5	679	1.84	3	5	ND	1	22	1	2	2	46	.48	.023	6	15	.38	49	.11	3	1.16	.05	.02	1	2
S 6+80N 0+50E	2	56	10	98	.3	13	8	1120	3.40	11	5	ND	2	36	1	2	2	60	1.49	.045	8	20	.96	68	.11	7	2.08	.08	.04	1	5
S 6+60N 3+00W	4	31	9	46	.1	8	10	412	.13	3	5	ND	2	128	1	3	2	11	4.40	.054	2	4	.10	21	.01	11	.12	.08	.01	1	1
S 6+60N 2+50W	1	51	2	43	.1	8	2	107	.11	2	5	ND	1	81	1	2	2	8	2.98	.079	3	5	.05	10	.01	22	.10	.07	.01	1	1
S 6+60N 2+00W	1	8	3	22	.1	4	2	100	.84	2	5	ND	1	16	1	2	2	25	.38	.009	2	11	.18	13	.07	2	.51	.03	.01	1	11
S 6+60N 1+50W	2	64	30	208	.3	18	12	1080	4.45	130	5	ND	3	128	1	2	2	90	1.87	.145	10	18	.77	124	.02	4	4.19	.10	.07	1	1
S 6+60N 1+00W	12	6942	22	368	18.9	49	109	2239	20.23	150	13	ND	4	35	4	2	2	73	4.57	.048	3	28	.51	30	.10	2	1.11	.11	.03	8	520
S 6+60N 0+50W	2	51	5	52	.4	12	7	576	2.47	7	5	ND	3	20	1	2	2	51	.39	.017	9	19	.43	37	.13	6	1.93	.06	.03	3	1
S 6+60N 0+00E	1	21	9	85	.2	12	7	676	2.24	2	5	ND	1	28	1	2	2	57	.64	.027	5	19	.60	61	.12	6	1.56	.05	.03	1	1
S 6+60N 0+50E	1	18	9	54	.1	7	4	558	1.99	2	5	ND	1	29	1	2	2	53	.73	.030	4	10	.42	39	.11	6	1.18	.05	.02	2	1
S 6+40N 3+00W	3	178	9	117	.5	59	29	447	5.15	14	5	ND	1	64	1	2	2	121	1.73	.033	2	78	.85	58	.36	7	2.14	.14	.05	1	17
S 6+40N 2+50W	1	48	3	61	.2	8	2	49	.15	2	5	ND	2	110	1	2	2	28	4.57	.059	2	4	.07	15	.01	17	.08	.08	.01	1	1
S 6+40N 2+00W	1	26	10	33	.1	13	6	137	1.85	8	5	ND	1	34	1	2	2	36	1.00	.013	4	14	.25	20	.09	4	1.23	.06	.02	1	1
S 6+40N 1+50W	1	12	9	74	.2	4	2	2065	.58	7	5	ND	3	368	1	2	3	7	23.80	.067	2	3	.12	64	.01	7	.54	.11	.01	1	1
S 6+40N 1+00W	1	80	9	46	.1	7	9	200	1.52	2	5	ND	1	25	1	2	2	34	.89	.021	2	10	.11	13	.06	5	.59	.04	.01	1	2
S 6+40N 0+50W	2	33	3	39	.1	10	5	244	2.12	5	5	ND	2	23	1	2	2	53	.53	.019	6	17	.35	30	.12	7	1.48	.06	.03	3	1
S 6+40N 0+00E	1	34	9	91	.1	8	8	909	3.25	5	5	ND	1	19	1	2	2	55	.37	.014	7	17	.66	62	.23	5	1.59	.05	.07	1	1
S 6+40N 0+50E	1	13	9	50	.1	6	4	382	1.69	2	5	ND	1	26	1	2	2	46	.69	.019	4	10	.34	33	.10	4	.97	.05	.03	1	7
S 6+20N 3+00W	4	132	16	167	.2	53	52	833	5.69	14	5	ND	2	85	1	2	2	111	1.48	.039	3	60	.68	105	.31	6	1.92	.10	.02	1	16
S 6+20N 2+50W	2	24	2	48	.1	3	1	46	.09	2	5	ND	1	99	1	2	2	17	4.05	.048	2	1	.06	12	.01	15	.06	.08	.01	1	1
S 6+20N 2+00W	1	24	4	47	.1	3	1	116	.10	3	5	ND	1	73	1	2	2	10	2.76	.064	2	5	.05	9	.01	17	.06	.07	.01	1	1
S 6+20N 1+50W	5	27	7	57	.1	14	8	229	3.21	4	5	ND	1	35	1	2	2	73	.63	.028	3	16	.50	52	.18	7	2.00	.05	.02	92	1
S 6+20N 1+00W	3	24	5	62	.1	18	7	284	2.36	2	5	ND	1	18	1	2	2	59	.38	.025	3	18	.42	36	.15	4	1.58	.05	.03	50	1
S 6+20N 0+50W	1	80	11	49	.3	8	4	144	2.38	4	5	ND	1	15	1	2	2	41	.39	.044	3	9	.27	19	.08	5	1.37	.04	.02	14	2
S 6+20N 0+00E	1	23	21	54	.1	9	5	241	2.11	4	5	ND	1	19	1	2	2	51	.47	.031	4	13	.30	36	.10	5	1.47	.04	.02	2	1
S 6+20N 0+50E	2	100	11	106	.4	14	12	521	3.23	10	6	ND	3	71	1	2	2	78	1.00	.032	7	20	1.65	52	.12	7	2.49	.07	.05	1	1
S 6+00N 3+00W	4	61	16	254	.5	27	21	1272	7.28	21	5	ND	2	40	1	2	2	131	1.65	.091	3	47	.72	98	.40	4	2.44	.09	.05	1	11
S 6+00N 2+50W	2	73	9	78	.1	34	22	297	3.19	4	5	ND	1	48	1	2	2	109	1.46	.029	2	80	1.15	27	.22	5	2.78	.18	.04	1	3
S 6+00N 2+00W	1	23	4	57	.4	4	1	71	.15	2	5	ND	2	119	1	2	2	15	4.65	.064	2	5	.07	16	.01	23	.05	.08	.02	1	1
S 6+00N 1+50W	2	53	18	65	.2	24	12	1106	2.22	6	5	ND	1	39	1	2	2	75	1.32	.034	2	51	.60	49	.22	7	1.24	.11	.02	1	47
S 6+00N 1+00W	1	77	6	92	.1	32	14	608	3.30	2	5	ND	1	21	1	2	2	68	.42	.086	3	34	.54	48	.16	2	2.68	.05	.02	1	1
S 6+00N 0+50W	2	605	5	193	1.4	47	5	1473	1.51	2	5	ND	1	26	3	2	2	28	.60	.032	14	17	.12	31	.07	7	1.22	.05	.01	2	1
S 6+00N 0+00E	2	111	12	66	.5	8	4	390	1.94	2	5	ND	1	27	1	2	2	42	.77	.069	6	12	.21	30	.08	10	1.18	.06	.02	7	3
S 6+00N 0+50E	1	33	9	37	.1	6	4	233	1.53	3	5	ND	1	35	1	2	2	38	1.27	.021	5	11	.33	19	.08	13	1.19	.08	.01	1	1
STD C/AU-S	22	59	43	138	7.2	69	28	1023	3.95	37	17	7	35	48	18	16	19	64	.48	.102	36	58	.88	181	.08	37	1.72	.10	.13	13	49

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End

1986

VANANDA GOLD LTD FILE # 86-3975

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
SL 1+00N 0+60W	1	19	8	51	.1	13	6	283	2.47	10	5	ND	2	20	1	2	2	49	.39	.014	7	23	.42	37	.13	2	1.99	.05	.01	2	6
SL 1+00N 0+40W	1	30	7	47	.1	14	7	260	2.46	4	5	ND	2	35	1	2	2	56	.37	.019	6	20	.51	54	.13	2	2.15	.04	.03	1	1
SL 1+00N 0+20W	1	19	14	79	.1	13	6	402	2.55	3	5	ND	2	26	1	2	2	61	.30	.067	4	20	.52	60	.12	3	1.98	.04	.03	1	1
SL 1+00N 0+20E	1	12	19	91	.3	5	2	1972	1.19	5	5	ND	5	271	1	2	2	11	22.57	.193	4	7	.16	82	.03	6	.91	.11	.02	1	5
SL 1+00N 0+40E	1	7	9	44	.3	1	1	1956	.29	2	5	ND	2	257	1	2	2	3	30.08	.035	2	1	.14	68	.01	3	.16	.12	.01	2	1
SL 1+00N 0+60E	1	5	10	95	.3	2	1	3599	.49	2	5	ND	3	510	1	2	2	4	31.31	.055	2	1	.19	109	.01	3	.34	.12	.01	2	1
SL 0+50N 0+60W	1	20	9	64	.1	13	6	429	2.61	2	6	ND	3	47	1	2	2	64	1.89	.034	5	22	.45	45	.13	2	2.39	.06	.02	1	8
SL 0+50N 0+40W	1	7	12	63	.2	2	1	869	.28	4	5	ND	1	407	1	2	2	3	34.47	.019	2	1	.14	22	.01	2	.18	.12	.01	1	1
SL 0+50N 0+20W	1	18	20	132	.1	13	6	509	2.64	5	5	ND	2	42	1	2	2	55	1.71	.069	5	16	.50	53	.13	2	2.31	.06	.03	1	1
SL 0+00N 0+60W	3	36	43	489	.5	6	3	9834	1.55	6	5	ND	5	129	3	2	2	11	12.00	.127	2	2	.30	247	.02	10	.77	.10	.04	1	1
SL 0+00N 0+40W	1	21	15	211	.1	15	8	473	3.04	2	5	ND	3	23	1	3	2	64	.54	.089	6	21	.42	52	.15	2	2.26	.05	.03	1	2
SL 0+00N 0+20W	2	9	101	370	.2	1	1	1933	.28	2	5	ND	3	83	4	2	2	2	17.60	.035	2	1	8.27	39	.01	5	.13	.13	.01	1	1
SL 0+00N 0+20E	3	9	112	362	.3	1	1	1991	.29	7	5	ND	4	85	4	2	2	3	18.57	.036	2	1	8.72	40	.01	6	.14	.13	.01	1	1
SL 0+00N 0+40E	1	9	48	303	.4	5	2	2131	1.11	5	5	ND	5	97	1	2	2	15	16.74	.118	3	7	.65	64	.05	5	.95	.11	.02	1	1
SL 0+00N 0+60E	2	15	38	125	.1	12	8	476	3.66	4	5	ND	2	24	1	2	2	77	.64	.127	3	21	.90	38	.19	3	2.46	.06	.02	1	2
SL 0+50S 0+60W	2	28	10	77	.1	16	7	413	2.73	2	5	ND	2	37	1	2	3	66	.39	.017	7	26	.68	86	.12	2	2.10	.04	.03	1	2
SL 0+50S 0+40W	3	8	32	191	.3	2	1	2867	1.20	5	5	ND	5	72	1	2	2	10	17.14	.062	2	4	8.60	65	.02	4	.59	.13	.01	1	1
SL 0+50S 0+20W	3	21	651	1401	.8	2	1	2405	.96	5	5	ND	4	74	14	2	2	9	13.38	.092	2	2	5.39	51	.02	9	.56	.12	.02	1	1
SL 0+50S 0+20E	2	6	25	124	.2	2	1	1431	.46	2	5	ND	5	83	1	2	2	3	15.89	.052	2	1	7.44	30	.01	7	.22	.13	.02	1	2
SL 0+50S 0+40E	2	6	380	142	.7	1	1	1746	.92	9	5	ND	4	80	2	2	2	3	20.37	.059	2	2	9.81	22	.01	6	.14	.14	.01	1	1
SL 0+50S 0+60E	2	16	41	148	.1	15	8	731	3.09	6	5	ND	3	32	1	2	2	63	1.19	.114	4	17	1.46	68	.17	3	2.46	.08	.02	1	1
SL 1+00S 0+60W	2	23	31	311	.5	6	3	3598	1.80	6	5	ND	5	158	1	2	2	16	15.13	.330	6	10	.17	90	.04	13	1.42	.10	.02	1	1
SL 1+00S 0+40W	4	37	368	526	1.1	4	3	6065	4.03	23	5	ND	5	74	6	11	2	14	14.65	.138	3	7	6.94	79	.02	7	.78	.13	.03	1	21
SL 1+00S 0+20W	2	9	34	192	.1	2	1	2953	1.22	4	5	ND	5	75	1	2	2	10	17.63	.063	2	3	8.90	68	.02	2	.61	.14	.01	1	1
SL 1+00S 0+20E	3	10	28	203	.4	2	1	4729	2.03	6	5	ND	5	111	1	3	2	14	15.09	.147	3	5	7.31	89	.02	5	.94	.13	.01	1	1
SL 1+00S 0+40E	2	16	29	293	.4	9	5	2133	2.01	5	5	ND	5	120	1	2	2	29	10.87	.268	3	14	.46	94	.09	6	1.85	.10	.03	1	1
SL 1+00S 0+60E	1	12	13	96	.1	13	7	379	2.98	2	5	ND	2	18	1	2	2	64	.40	.075	5	19	.61	41	.17	3	2.31	.05	.02	1	1
C 3+00W 3+00S	2	14	53	129	.2	7	3	4456	1.57	5	5	ND	5	90	1	2	2	23	10.57	.127	4	10	1.49	83	.04	6	1.12	.10	.02	1	2
C 3+00W 3+20S	1	5	20	42	.2	2	1	1774	.43	2	5	ND	2	178	1	2	2	5	26.96	.048	2	2	1.15	32	.01	4	.24	.12	.01	2	1
C 3+00W 3+40S	1	14	34	83	.1	3	1	2490	.23	2	5	ND	2	56	1	2	2	5	6.44	.063	2	1	.16	45	.01	8	.18	.07	.02	1	4
C 3+00W 3+60S	2	36	26	189	.2	16	23	1002	4.47	34	5	ND	2	53	1	2	2	118	1.54	.052	6	12	1.62	79	.16	6	4.27	.09	.04	1	2
C 3+00W 3+80S	2	19	34	177	.1	8	3	4960	.99	7	5	ND	4	106	1	2	2	17	12.63	.110	3	9	.42	128	.03	6	.90	.10	.02	1	1
C 3+00W 4+00S	1	7	12	98	.3	4	1	3660	.49	2	5	ND	3	212	1	2	2	7	24.39	.074	2	6	.58	93	.01	3	.54	.12	.01	1	1
C 3+00W 4+20S	2	20	40	218	.2	7	2	4938	.55	6	5	ND	3	89	1	2	2	11	6.32	.114	3	8	.34	132	.02	10	.66	.08	.04	1	1
C 3+00W 4+40S	1	26	7	44	.1	11	6	262	2.38	3	5	ND	1	21	1	2	2	57	.39	.047	5	22	.40	40	.13	2	2.03	.04	.02	1	81
C 3+00W 4+60S	2	17	11	109	.3	12	10	433	3.57	4	5	ND	2	25	1	2	2	82	.50	.121	4	16	1.30	43	.19	5	2.87	.06	.03	1	6
STD C/AU-S	22	58	36	136	7.1	68	28	1005	3.93	38	19	7	35	48	17	16	19	64	.48	.097	36	58	.88	179	.08	37	1.72	.10	.13	12	52

— Sentinel Grid —

Cornell Grid

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RECEIVED DEC 19 1986

VANANDA GOLD LTD FILE # 86-3975

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
C 3+00W 4+80S	2	18	11	102	.1	8	10	610	3.54	262	5	ND	3	37	1	2	2	64	.90	.118	6	11	.59	38	.11	2	2.93	.08	.03	1	38
C 3+00W 5+00S	1	44	5	64	.1	20	10	252	3.84	12	5	ND	3	19	1	2	2	83	.32	.029	4	27	.75	45	.19	2	3.74	.05	.03	1	2
C 3+00W 5+20S	2	103	11	59	.1	18	9	191	3.95	16	5	ND	4	27	1	2	2	110	.42	.023	6	22	.52	47	.21	3	3.42	.06	.01	1	3
C 3+00W 5+40S	1	12	9	35	.1	10	5	138	2.00	2	5	ND	3	15	1	2	2	49	.25	.011	4	14	.36	25	.12	2	1.61	.03	.02	1	1
C 3+00W 5+60S	1	6	15	53	.1	1	1	968	.21	2	8	ND	1	25	1	2	2	4	2.98	.034	2	4	.27	24	.01	4	.13	.05	.01	1	1
C 3+00W 5+80S	1	29	14	141	.1	15	13	503	4.76	30	5	ND	3	21	1	2	2	124	.74	.023	7	16	2.08	67	.18	3	4.62	.07	.04	1	1
C 3+00W 6+00S	1	29	11	72	.1	17	8	489	3.07	7	5	ND	2	22	1	2	2	71	.48	.032	5	27	.70	67	.15	3	3.08	.05	.04	1	1
C 2+50W 3+00S	1	15	7	77	.1	25	7	287	3.20	69	5	ND	3	18	1	2	2	53	.47	.095	5	24	.80	29	.14	3	2.64	.05	.03	1	2
C 2+50W 3+20S	1	12	6	37	.1	9	5	179	1.80	7	5	ND	2	14	1	2	2	42	.28	.038	4	11	.32	22	.10	2	1.32	.03	.02	1	8
C 2+50W 3+40S	1	14	12	105	.1	12	8	297	2.45	7	5	ND	2	19	1	2	2	58	.39	.052	4	17	.86	27	.16	3	1.99	.05	.02	1	180
C 2+50W 3+60S	1	21	15	154	.1	15	8	729	3.09	14	5	ND	3	28	1	2	2	57	.96	.126	11	23	.80	85	.15	4	2.77	.06	.03	1	1
C 2+50W 3+80S	1	4	4	42	.1	3	2	220	1.45	2	5	ND	1	16	1	2	2	42	.34	.024	4	13	.20	16	.09	3	.68	.03	.02	1	1
C 2+50W 4+00S	1	9	7	87	.1	5	5	296	2.60	12	5	ND	1	16	1	2	2	48	.48	.082	3	9	.42	28	.16	2	1.57	.05	.02	1	1
C 2+50W 4+20S	1	15	30	113	.3	5	1	3013	.54	5	6	ND	2	54	1	2	2	7	4.44	.096	2	5	.42	67	.01	11	.37	.07	.05	1	2
C 2+50W 4+40S	2	15	45	164	.1	5	1	7359	.49	10	5	ND	1	44	1	2	2	8	4.55	.101	2	4	.39	113	.01	5	.39	.07	.04	1	1
C 2+50W 4+60S	1	5	10	98	.4	2	1	2347	.34	4	5	ND	1	315	1	2	3	3	31.71	.040	2	3	.70	54	.01	2	.23	.12	.01	1	1
C 2+50W 4+80S	1	13	16	142	.2	9	4	1871	1.55	4	5	ND	3	64	1	2	2	28	6.03	.085	4	16	.51	75	.08	6	1.39	.08	.03	1	1
C 2+50W 5+00S	1	7	13	112	.2	2	1	2283	.40	2	5	ND	2	145	1	2	2	4	22.60	.061	2	4	3.33	55	.01	5	.27	.12	.01	1	2
C 2+50W 5+20S	1	11	19	159	.3	3	1	2956	.99	5	5	ND	3	90	1	2	2	11	13.38	.076	2	5	2.49	76	.02	7	.72	.10	.02	1	1
C 2+50W 5+40S	2	15	32	172	.3	8	2	3875	1.13	8	5	ND	3	76	1	2	2	12	10.74	.107	3	8	1.97	96	.01	10	.70	.10	.02	1	2
C 2+50W 5+60S	2	15	25	162	.3	6	2	4287	.72	5	5	ND	3	184	1	2	2	11	19.82	.075	2	11	.70	111	.03	9	.82	.11	.03	1	1
C 2+50W 5+80S	1	24	10	103	.1	16	14	639	5.15	36	5	ND	2	23	1	2	2	89	.81	.085	4	26	.79	44	.18	3	2.59	.07	.02	1	1
C 2+50W 6+00S	2	17	23	148	.2	22	7	2026	3.33	19	5	ND	3	33	1	2	2	43	2.71	.179	8	24	1.72	73	.09	5	2.53	.08	.04	1	1
C 2+00W 3+00S	1	26	15	55	.2	17	8	261	3.62	12	5	ND	3	23	1	2	2	75	.80	.059	7	25	.43	41	.16	2	3.41	.06	.02	1	1
C 2+00W 3+20S	2	12	20	110	.2	4	2	5700	.83	5	5	ND	3	127	1	2	2	9	16.75	.097	3	9	.82	150	.02	8	.89	.10	.02	1	1
C 2+00W 3+40S	1	25	6	92	.3	12	6	272	2.16	15	5	ND	3	23	1	2	2	44	.78	.070	5	13	.42	24	.13	2	2.56	.06	.02	1	30
C 2+00W 3+60S	1	22	11	64	.1	10	6	303	2.35	7	5	ND	1	26	1	2	2	54	.99	.052	4	14	.46	30	.12	3	1.89	.06	.01	1	9
C 2+00W 3+80S	1	29	19	77	.1	12	7	308	2.71	5	5	ND	2	25	1	2	2	60	.61	.054	5	18	.55	42	.14	4	1.99	.06	.03	1	4
C 2+00W 4+00S	1	32	7	63	.1	16	7	296	2.72	3	5	ND	3	21	1	2	2	63	.42	.046	5	24	.63	42	.15	3	2.66	.05	.03	1	1
C 2+00W 4+20S	2	15	27	171	.3	9	3	5657	1.80	3	5	ND	2	64	1	2	2	16	6.80	.186	3	9	1.60	103	.03	6	1.14	.09	.01	1	1
C 2+00W 4+40S	1	11	22	113	.2	32	8	1098	2.57	7	5	ND	4	41	1	2	2	39	3.60	.136	5	48	1.69	44	.16	3	2.32	.11	.02	1	1
C 2+00W 4+60S	1	27	15	104	.1	15	14	2365	3.09	6	5	ND	1	47	1	2	2	67	1.48	.086	2	32	1.51	52	.11	3	1.95	.07	.02	1	1
C 2+00W 4+80S	1	23	17	70	.1	12	8	576	2.87	15	5	ND	2	31	1	2	2	64	1.17	.105	4	18	.73	30	.13	3	1.90	.08	.02	1	1
C 2+00W 5+00S	2	11	17	81	.4	4	1	2179	.80	5	5	ND	3	114	1	2	2	9	19.63	.112	2	9	3.31	55	.02	5	.56	.12	.01	1	1
C 2+00W 5+20S	1	20	61	207	.4	14	6	1359	2.11	18	5	ND	3	87	1	2	2	27	9.11	.169	4	16	.75	55	.07	7	1.64	.10	.04	1	1
C 2+00W 5+40S	2	89	19	127	.2	34	16	324	5.40	21	5	ND	4	14	1	2	2	124	.45	.122	5	38	1.49	27	.31	4	3.96	.06	.03	1	2
STD C/AU-S	22	59	38	136	7.0	69	28	1006	3.96	38	19	8	34	48	17	16	20	63	.48	.101	36	61	.88	179	.08	37	1.71	.09	.14	12	52

- Cornell Grid -

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DEC 1? 1986

VANANDA GOLD LTD FILE # 86-3975 PAGE 6

— Cornell Grid —

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
C 2+00W 5+60S	1	17	15	131	.2	4	2	1889	.82	3	5	ND	1	170	1	2	2	12	25.78	.081	4	3	.88	65	.03	7	.72	.12	.01	1	2
C 2+00W 5+80S	1	14	18	172	.1	12	5	1905	1.84	6	5	ND	1	45	1	2	2	30	3.65	.193	4	16	.45	109	.07	5	1.85	.07	.03	1	1
C 2+00W 6+00S	1	16	14	94	.1	13	7	419	3.25	2	5	ND	2	20	1	2	2	64	.51	.191	4	19	.50	45	.13	2	2.41	.04	.03	1	1
C 1+50W 3+00S	2	10	30	58	.1	4	1	4553	.88	4	5	ND	1	72	1	2	2	8	12.68	.085	2	3	2.71	99	.02	10	.55	.10	.03	1	1
C 1+50W 3+20S	2	7	14	77	.1	10	4	1354	2.20	2	5	ND	1	31	1	2	2	35	4.02	.102	3	9	1.32	55	.10	4	1.63	.08	.02	1	6
C 1+50W 3+40S	1	20	22	94	.1	11	6	896	2.39	3	5	ND	1	46	1	2	2	47	4.18	.095	3	16	.66	41	.09	6	1.83	.08	.02	1	1
C 1+50W 3+60S	2	19	35	374	.1	5	1	3439	.70	4	5	ND	1	75	2	2	2	7	10.65	.085	2	4	.73	90	.01	11	.46	.09	.03	1	1
C 1+50W 3+80S	1	8	15	139	.2	4	1	1232	.64	19	8	ND	1	141	1	2	3	6	22.11	.082	2	4	1.48	35	.01	5	.53	.11	.02	1	1
C 1+50W 4+00S	1	5	12	44	.3	1	1	2022	.25	2	5	ND	1	142	1	2	2	2	24.97	.038	2	1	2.65	23	.01	4	.11	.12	.01	2	2
C 1+50W 4+20S	2	9	17	89	.2	4	1	2310	.40	2	5	ND	1	93	1	2	2	4	18.01	.072	2	4	2.95	39	.01	6	.32	.11	.01	1	1
C 1+50W 4+40S	1	16	34	100	.1	4	1	2055	.29	2	5	ND	1	49	1	2	2	5	5.83	.073	2	1	.26	40	.01	11	.22	.06	.04	1	1
C 1+50W 4+60S	1	24	18	118	.1	22	12	408	4.14	20	5	ND	2	27	1	2	2	83	1.01	.113	5	28	1.03	29	.21	3	3.08	.08	.03	1	1
C 1+50W 4+80S	1	26	18	99	.1	18	9	462	3.24	64	5	ND	2	28	1	2	2	59	1.65	.042	6	19	.76	23	.17	4	2.24	.09	.02	1	1
C 1+50W 5+00S	2	39	31	163	.1	11	18	383	6.23	21	5	ND	3	48	1	2	2	201	1.28	.028	7	10	3.83	44	.24	3	6.88	.22	.04	1	43
C 1+50W 5+20S	1	5	12	44	.1	2	1	2047	.86	3	7	ND	1	169	1	2	3	10	25.91	.056	2	4	2.95	36	.01	2	.50	.13	.01	2	2
C 1+50W 5+40S	1	11	24	158	.2	6	2	5144	1.08	3	8	ND	1	125	1	2	2	11	18.65	.118	4	9	1.12	93	.02	5	.82	.11	.02	1	1
C 1+50W 5+60S	2	6	14	65	.3	3	1	1879	.58	6	6	ND	1	116	1	2	2	5	18.64	.060	2	4	5.49	36	.01	3	.46	.11	.02	1	1
C 1+50W 5+80S	1	8	10	95	.1	2	1	3186	.36	2	5	ND	1	184	1	2	5	3	26.55	.082	2	3	.40	60	.01	6	.30	.11	.01	1	1
C 1+50W 6+00S	1	55	30	197	.1	75	25	556	5.49	15	5	ND	2	46	1	2	2	169	1.41	.093	2	89	2.65	63	.25	3	5.52	.12	.04	1	1
C 1+00W 3+00S	3	16	43	315	.2	8	2	3837	1.79	2	5	ND	1	73	1	2	2	16	14.30	.151	3	9	1.30	82	.04	6	.96	.10	.03	1	1
C 1+00W 3+20S	2	10	14	145	.1	5	1	2103	.97	6	5	ND	1	144	1	2	4	7	22.78	.129	2	5	5.52	49	.02	5	.53	.12	.01	1	1
C 1+00W 3+40S	1	6	21	125	.1	1	1	1847	.47	6	5	ND	1	36	1	2	2	3	7.46	.038	2	2	1.07	35	.01	4	.16	.07	.01	1	1
C 1+00W 3+60S	1	5	11	46	.1	2	1	661	.50	2	7	ND	1	132	1	2	4	3	29.78	.034	2	1	2.12	14	.01	3	.17	.13	.02	1	1
C 1+00W 3+80S	1	21	15	58	.1	5	3	738	1.39	10	5	ND	1	77	1	2	2	28	12.20	.040	3	11	1.04	18	.05	3	.96	.10	.01	1	4
C 1+00W 4+00S	1	15	10	54	.1	12	6	201	2.70	7	5	ND	1	19	1	2	2	58	.57	.076	4	14	.43	23	.13	3	1.96	.05	.02	1	2
C 1+00W 4+20S	1	6	10	54	.2	1	1	1348	.29	3	5	ND	1	174	1	2	2	3	27.74	.035	2	3	1.67	26	.01	3	.16	.12	.01	1	1
C 1+00W 4+40S	1	19	15	83	.1	16	8	249	3.32	2	5	ND	2	19	1	2	2	74	.78	.032	3	22	.83	22	.17	2	3.57	.06	.02	1	1
C 1+00W 4+60S	1	24	25	264	.2	6	2	2558	1.18	2	5	ND	1	135	1	2	2	13	17.52	.247	4	10	.55	71	.04	11	1.15	.10	.03	1	4
C 1+00W 4+80S	2	7	15	81	.2	4	1	2474	.76	2	7	ND	1	230	1	2	5	6	26.19	.073	4	4	.52	50	.01	6	.37	.11	.02	1	1
C 1+00W 5+00S	2	31	24	439	.2	8	2	5782	1.37	3	5	ND	1	114	1	2	2	11	16.46	.276	6	12	.44	117	.03	9	1.29	.10	.02	1	1
C 1+00W 5+20S	1	11	20	285	.1	3	1	4498	.68	5	5	ND	1	109	1	2	2	6	15.36	.140	3	4	.27	115	.02	6	.65	.09	.01	1	2
C 1+00W 5+40S	3	22	45	171	.1	21	11	577	4.71	62	5	ND	3	22	1	3	2	93	.99	.089	8	31	3.05	44	.12	6	4.75	.07	.04	2	1
C 1+00W 5+60S	3	87	17	100	.1	52	21	344	4.89	47	5	ND	2	23	1	6	2	98	.58	.127	4	54	5.51	32	.25	4	5.09	.08	.03	1	2
C 1+00W 5+80S	2	23	46	263	.1	7	2	7653	.86	6	5	ND	1	61	1	2	2	11	6.82	.113	2	9	.72	133	.01	12	.72	.07	.04	1	6
C 1+00W 6+00S	2	37	27	113	.1	99	23	616	4.65	18	5	ND	2	34	1	4	2	121	2.07	.059	3	104	2.89	30	.15	4	5.09	.11	.03	1	3
C 0+50W 3+00S	1	30	28	75	.1	5	3	1023	1.23	8	5	ND	1	60	1	2	2	18	9.87	.068	2	9	1.78	25	.02	6	.88	.09	.01	1	5
STD C/AU-S	22	57	42	133	6.9	67	27	984	3.95	39	17	7	34	46	17	15	19	61	.46	.098	34	56	.88	174	.08	36	1.72	.10	.12	14	51

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VANANDA GOLD LTD FILE # 86-3975

Cornell Grid

Florence Grid

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ao PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mc %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
C 0+50W 3+20S	1	13	22	51	.2	2	1	1562	.60	2	5	ND	1	116	1	2	2	4	20.72	.064	2	2	3.38	25	.01	5	.25	.12	.01	1	1
C 0+50W 3+40S	1	14	21	111	.2	3	1	2681	.71	3	5	ND	1	124	1	2	2	7	19.99	.082	2	5	2.34	50	.02	5	.43	.13	.01	1	2
C 0+50W 3+60S	1	4	16	132	.1	3	1	1929	.86	2	5	ND	1	228	1	2	2	5	31.77	.079	2	6	2.04	53	.02	3	.51	.14	.01	1	1
C 0+50W 3+80S	2	9	18	131	.1	3	1	2849	.76	2	5	ND	1	148	1	2	2	6	23.34	.106	2	4	3.91	74	.02	4	.53	.13	.01	1	4
C 0+50W 4+00S	1	8	17	93	.2	2	1	2605	.35	2	5	ND	1	205	1	2	2	3	28.75	.043	2	2	.54	59	.01	4	.28	.12	.02	1	1
C 0+50W 4+20S	1	12	11	110	.1	6	7	329	3.00	4	5	ND	3	17	1	2	2	78	.81	.060	4	8	.57	23	.22	2	1.39	.06	.04	1	11
C 0+50W 4+40S	1	30	14	322	.1	16	9	506	2.87	45	5	ND	2	24	2	2	2	51	1.06	.027	9	22	.64	35	.15	3	2.24	.07	.03	1	1
C 0+50W 4+60S	1	66	22	106	.1	15	11	444	3.39	10	5	ND	3	33	1	2	2	76	1.98	.062	9	31	.98	26	.19	4	2.59	.10	.02	1	3
C 0+50W 4+80S	1	25	19	124	.1	19	11	298	4.52	15	5	ND	2	24	1	2	2	91	.72	.138	4	25	.84	35	.23	5	3.39	.07	.03	1	1
C 0+50W 5+00S	3	7	8	64	.1	8	4	1746	1.07	7	5	ND	2	154	1	3	2	9	16.51	.092	2	5	9.05	30	.01	5	.53	.13	.01	1	4
C 0+50W 5+20S	3	10	15	102	.1	6	3	3379	.99	7	5	ND	1	148	1	4	2	13	13.41	.099	2	8	7.57	49	.01	6	.73	.12	.01	1	1
C 0+50W 5+40S	2	10	50	188	.2	11	4	3429	2.51	12	5	ND	2	45	1	2	2	25	5.92	.127	5	10	2.23	68	.04	5	1.56	.10	.02	1	1
C 0+50W 5+60S	3	36	19	200	.2	10	19	1079	4.91	29	5	ND	2	122	1	2	2	131	4.95	.202	6	9	1.90	79	.17	2	3.37	.25	.09	1	1
C 0+50W 5+80S	2	13	22	309	.4	5	2	5226	.99	3	5	ND	2	61	1	2	2	12	10.38	.191	4	5	1.06	95	.03	5	.93	.10	.02	1	1
C 0+50W 6+00S	2	20	19	222	.2	7	3	5350	1.02	8	5	ND	1	256	1	2	2	12	24.34	.125	2	5	2.05	112	.02	4	.73	.13	.01	1	6
C 3+00S BL	3	277	35	490	.9	6	6	1452	3.84	103	5	ND	3	103	2	2	2	31	8.38	.181	7	10	1.78	93	.08	18	2.45	.13	.07	1	40
C 3+20S BL	1	177	24	244	.2	7	3	1786	3.59	10	5	ND	2	79	2	2	2	21	13.72	.103	6	9	1.44	70	.02	4	1.21	.11	.03	1	5
C 3+40S BL	9	620	22	7073	.1	9	19	726	12.33	66	5	ND	5	110	12	2	2	129	1.56	.114	8	14	2.92	60	.11	2	3.38	.20	.06	1	1050
C 3+60S BL	1	17	7	207	.4	3	1	676	.78	4	5	ND	1	60	1	2	3	7	22.37	.083	3	6	.41	21	.01	7	.60	.12	.03	1	1
C 3+80S BL	2	30	12	66	.2	32	12	498	3.91	23	5	ND	1	51	1	2	2	53	14.37	.076	4	42	3.94	15	.12	2	3.14	.14	.01	1	1
C 4+00S BL	2	37	11	148	.2	17	8	858	2.72	33	5	ND	3	70	2	2	2	59	7.39	.045	5	22	1.98	37	.12	5	2.22	.11	.04	1	1
C 4+20S BL	1	26	16	322	.2	15	8	470	2.84	28	5	ND	2	44	1	2	2	59	3.92	.048	4	18	1.72	25	.13	4	2.28	.11	.03	1	7
C 4+40S BL	1	35	17	216	.1	20	10	576	3.58	22	5	ND	3	41	1	2	2	76	1.85	.036	7	22	1.89	42	.19	2	2.46	.11	.03	1	33
C 4+60S BL	2	82	23	173	.1	246	30	600	5.96	15	5	ND	1	21	1	2	2	178	.90	.071	2	223	4.57	27	.28	3	5.82	.11	.03	1	920
C 4+80S BL	1	57	27	120	.1	79	22	449	4.39	12	5	ND	1	56	1	2	2	122	1.23	.077	2	72	2.16	16	.20	4	3.25	.08	.03	1	14
C 5+00S BL	2	38	20	138	.1	63	22	421	6.31	24	5	ND	2	19	1	6	2	105	.73	.035	5	78	7.25	23	.35	2	5.96	.08	.03	1	1
C 5+20S BL	1	54	19	126	.1	22	13	1221	4.17	107	5	ND	2	37	1	2	2	84	2.39	.036	10	26	1.70	40	.24	3	3.39	.10	.03	1	1
C 5+40S BL	1	18	31	202	.1	11	8	684	3.87	81	5	ND	2	23	1	2	2	71	1.16	.073	4	13	.83	31	.19	4	2.64	.07	.03	1	1
C 5+60S BL	3	30	32	195	.1	7	16	788	5.44	118	5	ND	4	50	1	2	2	108	.71	.170	9	1	4.14	42	.22	4	6.48	.09	.03	1	2
C 5+80S BL	3	10	18	231	.3	6	2	2509	1.45	3	5	ND	2	160	1	5	5	15	15.03	.145	3	12	7.85	61	.03	6	1.17	.13	.02	1	1
F 1+50W 4+00N	2	3	3	53	.1	2	1	2672	.73	7	5	ND	1	163	1	2	4	5	17.70	.050	2	2	9.06	51	.01	2	.26	.12	.01	1	1
F 1+50W 3+80N	1	10	8	46	.1	3	1	1558	.48	2	5	ND	1	148	1	2	2	5	25.85	.051	2	3	2.64	33	.01	9	.19	.13	.01	1	1
F 1+50W 3+60N	1	14	13	80	.1	5	4	2603	1.88	2	5	ND	1	66	1	2	2	25	6.92	.090	3	4	.77	74	.03	5	1.56	.09	.02	1	1
F 1+50W 3+40N	1	14	23	81	.1	3	1	3192	.27	2	5	ND	1	50	1	2	2	4	3.43	.057	2	3	.17	79	.01	8	.16	.06	.02	1	6
F 1+50W 3+20N	1	7	7	55	.1	5	4	530	1.57	4	5	ND	1	18	1	2	2	42	.46	.028	3	11	.34	27	.10	2	.93	.04	.02	1	9
F 1+50W 3+00N	1	12	7	53	.1	10	5	323	1.91	2	5	ND	1	18	1	2	2	50	.31	.017	4	16	.50	48	.09	2	1.32	.04	.03	1	1
STD C/AU-S	22	57	41	138	6.8	70	28	1011	3.96	37	19	7	34	48	18	15	19	64	.48	.102	35	56	.88	178	.08	36	1.72	.10	.12	12	49

VANANDA GOLD LTD FILE # 86-3975

— Florence Grid —

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
F 1+50W 2+80N	3	31	20	204	.7	25	8	5926	3.26	9	5	ND	5	69	1	2	2	48	5.94	.106	7	23	1.82	181	.06	6	2.73	.09	.03	1	1
F 1+50W 2+60N	1	10	8	90	.1	9	5	662	1.92	2	5	ND	1	22	1	2	2	45	.47	.019	4	15	.48	44	.10	3	1.34	.04	.02	1	1
F 1+50W 2+40N	1	9	8	69	.2	7	4	677	1.52	2	5	ND	1	21	1	2	2	39	.40	.016	3	9	.36	37	.08	3	.96	.03	.02	1	1
F 1+50W 2+20N	1	8	5	49	.1	8	4	255	1.82	2	5	ND	1	16	1	2	2	43	.30	.016	2	12	.28	34	.09	2	1.50	.03	.01	1	2
F 1+50W 2+00N	2	19	10	88	.1	14	6	953	2.51	3	5	ND	2	24	1	2	2	54	.55	.029	5	23	.53	61	.10	4	2.10	.05	.03	1	1
F 1+50W 1+80N	1	117	10	156	.5	52	22	1136	6.24	19	5	ND	3	32	1	2	2	137	1.37	.070	9	67	1.01	52	.01	3	2.85	.06	.06	1	4
F 1+50W 1+60N	1	24	4	50	.1	12	6	192	2.66	2	5	ND	4	20	1	2	2	64	.30	.011	6	17	.48	53	.13	4	2.40	.04	.03	1	1
F 1+50W 1+40N	2	12	9	84	.4	7	2	3909	1.10	4	5	ND	5	145	1	2	3	14	18.17	.055	2	8	3.78	79	.01	8	.72	.12	.01	1	1
F 1+50W 1+20N	1	16	26	87	.1	8	2	2811	1.65	2	5	ND	4	143	1	2	2	17	15.00	.085	2	10	1.13	56	.02	14	.80	.10	.02	1	6
F 1+50W 1+00N	1	21	21	120	.4	10	5	2555	2.85	10	5	ND	4	54	1	2	2	43	4.83	.094	5	12	1.00	49	.07	8	1.92	.08	.03	1	52
F 1+00W 4+00N	6	18	20	160	.5	14	5	9540	1.75	11	5	ND	5	146	1	2	3	15	14.20	.123	2	9	4.71	119	.01	4	.95	.11	.03	1	1
F 1+00W 3+80N	3	17	25	181	.5	13	5	6353	2.09	11	5	ND	5	87	1	2	2	16	10.51	.142	4	7	3.24	111	.02	8	.95	.10	.03	1	6
F 1+00W 3+60N	3	18	19	102	.4	13	4	1683	1.73	5	5	ND	4	65	1	2	2	15	7.73	.091	4	13	.69	30	.03	8	.98	.08	.03	1	1
F 1+00W 3+40N	3	28	29	278	.4	13	4	11570	1.30	5	5	ND	2	53	2	2	2	20	2.89	.105	3	15	.88	182	.02	7	1.16	.08	.01	1	1
F 1+00W 3+20N	4	21	39	263	.5	12	4	13041	1.47	9	8	ND	3	45	2	2	2	16	3.17	.116	4	10	.91	211	.02	7	1.01	.07	.02	1	1
F 1+00W 3+00N	1	31	9	206	.1	15	7	1086	2.91	7	5	ND	2	17	1	2	2	59	.57	.273	5	19	.87	44	.10	2	2.96	.05	.02	1	1
F 1+00W 2+80N	2	25	21	202	.3	17	8	1423	4.53	13	5	ND	3	29	1	2	2	74	1.18	.096	8	22	1.11	82	.12	5	2.55	.07	.04	2	1
F 1+00W 2+60N	5	21	22	194	.6	18	5	6772	2.40	7	5	ND	5	104	2	2	2	31	10.18	.095	6	20	2.93	148	.03	6	1.73	.10	.03	1	1
F 1+00W 2+40N	1	36	16	305	.2	45	14	3325	3.19	5	5	ND	1	35	1	2	2	88	1.16	.165	2	71	1.15	79	.17	3	2.26	.11	.03	1	6
F 1+00W 2+20N	1	18	8	110	.1	15	7	730	2.50	5	5	ND	2	18	1	2	2	52	.32	.131	5	22	.60	64	.10	3	2.19	.04	.02	1	1
F 1+00W 2+00N	1	11	4	50	.1	9	4	201	1.82	4	5	ND	2	15	1	2	2	41	.23	.040	6	12	.30	30	.10	4	1.74	.03	.03	1	28
F 1+00W 1+80N	1	28	11	199	.2	17	9	874	2.72	3	5	ND	2	30	1	2	2	60	.68	.057	5	23	.81	63	.10	3	2.19	.05	.02	1	320
F 1+00W 1+60N	1	6	4	31	.1	6	3	174	1.39	2	5	ND	1	13	1	2	2	34	.33	.017	3	11	.22	19	.07	2	1.25	.03	.02	1	6
F 1+00W 1+40N	1	4	8	71	.1	2	1	4156	.40	2	5	ND	1	263	1	2	2	3	28.16	.036	2	2	3.13	93	.01	3	.21	.13	.01	1	3
F 1+00W 1+20N	3	24	49	471	.5	14	4	13159	2.31	3	5	ND	4	148	2	2	2	19	8.31	.449	8	22	.46	240	.05	11	1.91	.09	.02	1	1
F 1+00W 1+00N	4	21	37	250	.6	12	4	11512	2.33	3	5	ND	6	151	1	2	2	18	14.03	.301	6	16	.55	187	.04	15	1.44	.11	.03	1	1
F 0+50W 4+00N	1	21	29	51	.2	4	6	3754	1.23	9	5	ND	1	48	1	2	2	35	1.44	.065	3	9	.16	78	.07	2	.51	.05	.03	1	1
F 0+50W 3+80N	3	24	30	61	.3	6	7	1470	3.21	7	5	ND	1	35	1	2	2	61	.73	.118	4	12	.37	52	.06	2	1.11	.04	.04	1	1
F 0+50W 3+60N	2	17	19	85	.3	4	7	3017	1.54	11	5	ND	2	68	1	2	2	42	1.82	.139	5	6	.31	100	.14	4	1.01	.07	.05	1	1
F 0+50W 3+40N	2	47	7	321	.3	11	21	2447	4.57	7	5	ND	2	64	1	2	2	109	.77	.210	4	25	1.02	72	.24	3	2.33	.08	.04	1	1
F 0+50W 3+20N	1	15	9	98	.1	8	4	475	1.74	4	6	ND	1	22	1	2	2	42	.45	.018	5	13	.40	54	.08	3	1.21	.03	.03	1	2
F 0+50W 3+00N	2	16	9	867	.1	10	6	341	2.36	4	5	ND	1	18	1	2	2	52	.30	.022	4	15	.61	55	.13	3	1.78	.04	.03	1	3
F 0+50W 2+80N	2	63	6	454	.1	8	4	309	1.98	4	5	ND	2	17	1	2	2	47	.37	.058	4	12	.39	41	.13	3	1.64	.04	.04	1	20
F 0+50W 2+60N	2	17	22	268	.2	5	2	4946	.89	2	5	ND	5	110	2	2	2	12	12.60	.077	2	5	3.00	113	.03	3	.51	.11	.02	1	1
F 0+50W 2+40N	2	21	47	335	.3	9	3	5929	.94	3	5	ND	5	153	2	2	2	14	11.15	.095	2	10	.43	136	.02	10	.62	.09	.04	1	1
STD C/AU-S	21	57	39	134	7.1	67	28	981	3.96	37	19	7	35	47	17	15	20	62	.45	.098	35	58	.88	176	.08	36	1.72	.10	.13	12	48

– Florence Grid –

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
F 0+50W 2+20N	2	51	22	289	.2	21	10	2148	3.90	11	5	ND	1	48	1	2	2	74	2.76	.095	7	24	1.31	99	.07	6	2.79	.08	.02	1	69
F 0+50W 2+00N	1	20	6	107	.1	9	6	626	2.42	2	5	ND	1	15	1	2	2	50	.27	.101	4	18	.55	53	.14	4	2.00	.03	.01	1	14
F 0+50W 1+80N	4	24	24	202	.5	17	7	7014	7.36	18	5	ND	2	73	2	2	2	55	6.14	.148	10	20	.98	199	.04	3	2.18	.09	.04	1	44
F 0+50W 1+60N	2	12	13	162	.2	7	2	5177	1.24	4	5	ND	1	232	1	2	3	9	32.09	.130	3	10	.68	122	.02	4	.74	.12	.01	1	5
F 0+50W 1+40N	1	9	11	101	.1	8	4	572	2.00	5	5	ND	1	24	1	2	2	36	1.53	.029	4	12	.51	31	.08	4	1.45	.06	.01	1	2
F 0+50W 1+20N	1	17	6	43	.1	12	6	196	2.40	4	5	ND	2	19	1	2	2	54	.33	.013	5	18	.41	34	.11	4	2.06	.04	.01	1	6
F 0+50W 1+00N	3	27	21	189	.3	7	2	9877	1.88	6	5	ND	1	187	1	2	3	13	16.34	.127	3	11	.48	136	.01	12	.81	.10	.02	1	4
F 0+50E 4+00N	1	19	10	39	.1	3	1	524	.20	2	5	ND	1	43	1	2	2	3	1.77	.045	2	3	.07	27	.01	7	.16	.04	.01	1	1
F 0+50E 3+80N	1	11	7	29	.1	6	4	271	1.55	5	5	ND	1	27	1	2	2	26	1.64	.016	3	7	.50	26	.08	6	1.01	.05	.01	1	5
F 0+50E 3+60N	1	39	9	100	.3	4	7	283	2.19	4	5	ND	1	42	1	2	2	50	1.80	.030	3	8	1.23	36	.08	6	2.29	.06	.03	1	1
F 0+50E 3+40N	2	16647	9	261	4.5	4	5	416	4.77	12	5	4	1	47	2	2	2	28	2.53	.034	3	7	1.23	36	.05	7	1.21	.08	.03	1	12300
F 0+50E 3+20N	2	288	12	48	.3	8	5	236	2.03	4	5	ND	1	25	1	2	2	48	.90	.023	2	8	.46	21	.10	6	1.14	.05	.01	2	150
F 0+50E 3+00N	3	1140	10	223	2.0	4	3	1635	1.20	8	7	ND	1	112	1	2	3	13	22.83	.039	3	3	5.08	70	.03	15	.63	.12	.02	2	320
F 0+50E 2+80N	1	47	8	112	.1	4	6	469	1.67	2	5	ND	1	43	1	2	2	43	1.62	.043	3	7	.54	26	.10	5	1.00	.07	.01	1	1
F 0+50E 2+60N	1	21	10	46	.2	5	3	193	1.21	2	5	ND	1	28	1	2	2	30	.63	.023	2	9	.21	42	.05	5	.69	.03	.02	1.	1
F 0+50E 2+40N	3	1404	12	175	1.5	68	15	478	3.18	9	5	ND	2	35	1	2	2	61	1.48	.031	4	63	1.72	57	.14	5	2.06	.11	.06	1	690
F 0+50E 2+20N	1	85	7	103	.1	18	5	413	1.91	4	5	ND	1	20	1	2	2	45	.54	.015	2	17	.50	42	.10	4	1.24	.04	.03	1	205
F 0+50E 2+00N	1	54	5	127	.2	18	9	314	3.46	5	5	ND	2	26	1	2	2	78	.58	.040	5	20	.58	69	.18	3	2.03	.06	.04	1	61
F 0+50E 1+80N	1	50	12	75	.1	13	7	481	2.81	4	5	ND	1	33	1	2	2	67	.80	.020	5	14	.76	90	.15	5	2.25	.06	.06	1	1
F 4+00N BL	8	49	3	109	.1	5	3	202	1.48	2	5	ND	1	16	1	2	2	36	.30	.012	4	8	.20	32	.08	2	1.03	.03	.01	1	1
F 3+80N BL	17	2917	21	6901	.9	30	13	2946	9.35	48	5	ND	3	50	25	2	2	48	2.59	.159	8	12	1.58	140	.07	5	2.44	.09	.04	1	98
F 3+60N BL	7	1836	13	2041	1.2	14	19	3722	3.48	18	5	ND	1	168	10	2	2	16	22.48	.092	3	6	.57	143	.02	6	.87	.11	.02	1	165
F 3+40N BL	2	267	10	128	.4	4	19	1330	2.15	13	5	ND	1	34	1	2	2	17	6.43	.026	3	1	1.06	29	.08	14	1.66	.08	.03	1	155
F 3+20N BL	2	18	4	204	.1	7	4	170	1.62	2	5	ND	1	12	1	2	2	37	.31	.015	3	10	.21	22	.08	4	1.08	.03	.01	1	21
F 3+00N BL	1	74	8	90	.2	11	7	338	2.55	3	5	ND	2	19	1	2	2	57	.38	.050	4	16	.55	49	.12	3	2.07	.04	.05	1	24
F 2+60N BL	1	16	13	47	.1	6	3	188	3.40	4	5	ND	1	44	1	2	2	124	.81	.040	5	13	.21	27	.24	2	.89	.05	.03	1	17
F 2+40N BL	2	58	26	476	.4	3	2	3779	.97	14	5	ND	1	69	4	2	2	9	13.36	.080	2	4	2.21	142	.01	39	.35	.10	.02	1	1
F 2+20N BL	2	154	14	255	.6	10	12	2872	2.68	17	5	ND	1	45	2	2	2	33	8.97	.045	5	14	1.84	91	.19	38	2.99	.10	.02	2	485
F 2+00N BL	2	565	11	353	.3	27	19	514	4.67	10	5	ND	2	26	1	2	2	103	.58	.154	6	30	1.57	86	.23	4	3.66	.07	.05	1	101
F 1+80N BL	2	111	9	342	.5	25	23	1061	5.26	15	5	ND	3	30	1	2	2	120	.80	.316	5	45	1.59	94	.28	5	4.08	.08	.07	1	26
F 1+60N BL	1	56	11	200	.2	21	15	697	4.40	9	5	ND	2	21	1	2	2	110	.46	.102	3	32	1.53	72	.23	4	3.19	.06	.05	1	1350
F 1+40N BL	3	139	6	120	.2	8	11	421	4.22	3	5	ND	2	65	1	2	2	96	.59	.022	5	12	2.10	84	.27	4	4.04	.15	.09	1	39
F 1+20N BL	2	53	11	266	.3	21	10	284	3.45	14	5	ND	4	27	2	2	2	79	.96	.017	9	29	1.15	31	.17	5	2.63	.07	.04	1	23
F 1+00N BL	1	15	12	72	.4	5	2	1541	.66	5	5	ND	1	248	1	2	2	10	24.24	.045	2	7	.44	38	.02	7	.51	.11	.02	1	18
STD C/AU-S	23	59	39	135	7.0	68	27	987	3.96	40	17	7	33	46	17	15	20	63	.47	.098	35	59	.88	174	.08	37	1.72	.09	.13	12	53

cc: GKP. ②

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:(604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED JAN 20 1987

DATE REPORTS MAILED Jan 26/87

GEOCHEMICAL ASSAY CERTIFICATE

RECEIVED JAN 27 1987

SAMPLE TYPE : PULP
Au* - 10 GM.IGNITED. HOT AQUA REGIA LEACHED. MIBK EXTRACTION. AA ANALYSIS.

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

VANANDA GOLD FILE# 86-3975 R

PAGE# 1

SAMPLE	Au* ppb
S 8+00N 1+00W	4
S 7+80N 1+00W	23
S 7+60N 1+00W	6
S 7+40N 1+00W	4
S 7+20N 1+00W	15
S 7+00N 1+00W	185
S 6+80N 1+00W	4
S 6+60N 1+00W	565
S 6+40N 1+00W	1
S 6+20N 1+00W	2
C 2+50W 3+00S	3
C 2+50W 3+20S	2
C 2+50W 3+40S	1
C 2+50W 3+60S	1
C 2+50W 3+80S	1
C 1+50W 4+80S	1
C 1+50W 5+00S	41
C 1+50W 5+20S	1
C 3+00S BL	56
C 3+20S BL	14
C 3+40S BL	1450
C 3+60S BL	4
C 3+80S BL	3
C 4+00S BL	5
C 4+20S BL	8
C 4+40S BL	16
C 4+60S BL	885
C 4+80S BL	14
C 5+00S BL	9
C 5+20S BL	6
F 1+00W 2+80N	285
F 1+00W 2+60N	22
F 1+00W 2+40N	6
F 1+00W 2+20N	4
F 1+00W 2+00N	1
F 1+00W 1+80N	355

Check of MIBK-AA for Au vs FA-AA for Au.

(see also analytical package ①).

SAMPLE	Au* ppb
F 1+00W 1+60N	4
F 1+00W 1+40N	1
F 0+50E 4+00N	6
F 0+50E 3+80N	2
F 0+50E 3+60N	2
F 0+50E 3+40N	8820
F 0+50E 3+20N	101
F 0+50E 3+00N	750
F 0+50E 2+80N	16
F 0+50E 2+60N	3
F 0+50E 2+40N	960
F 0+50E 2+20N	105
F 0+50E 2+00N	41
F 0+50E 1+80N	2

Vananda Grid.

copy: file
cc: GRP

(3)

FEB - 9 1987

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

DATE RECEIVED: FEB 2 1987
DATE REPORT MAILED: Feb. 6/87....

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
P6 - Rocks & Cores

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

VANANDA GOLD LTD FILE # 87-0208 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Co PPM	As PPM	Au* PPB
9700E 10500N	1	26	6	7	6	2
9700E 10475N	1	29	6	15	5	1
9700E 10450N	1	27	11	16	6	1
9700E 10425N	1	382	17	62	19	19
9700E 10400N	1	221	10	36	23	68
9700E 10375N	1	18	7	4	4	1
9700E 10350N	1	273	23	31	38	98
9700E 10325N	1	124	11	48	16	2
9700E 10300N	1	34	14	11	8	11
9700E 10275N	2	31	4	7	8	8
9700E 10250N	1	62	14	25	8	1
9700E 10225N	1	196	17	35	17	97
9700E 10200N	1	130	15	27	10	74
9700E 10175N	1	133	17	21	24	37
9700E 10150N	1	156	19	37	11	22
9700E 10125N	1	42	10	10	16	9
9700E 10100N	1	33	8	11	9	5
9750E 10500N	1	24	9	6	3	1
9750E 10475N	1	86	5	28	5	1
9750E 10450N	1	242	6	13	2	1
9750E 10425N	4	56	10	28	2	1
9750E 10400N	4	28	4	7	2	1
9750E 10375N	1	91	9	19	11	1
9750E 10350N	1	35	7	32	2	1
9750E 10325N	1	141	7	21	5	8
9750E 10300N	1	147	9	35	7	3
9750E 10275N	1	239	8	16	4	7
9750E 10250N	1	77	8	15	8	1
9750E 10225N	1	139	15	24	8	38
9750E 10200N	1	53	12	14	10	77
9750E 10175N	1	97	9	14	8	29
9750E 10150N	1	197	8	34	7	81
9750E 10125N	1	54	5	10	4	1
9750E 10100N	1	104	17	33	7	1
9800E 10500N	1	11	3	4	8	1
9800E 10475N	1	5	7	3	5	1
STD C/AU-S	19	59	38	28	38	48

RECEIVED FEB - 9 1987

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Co PPM	As PPM	Au* PPB
9800E 10450N	1	22	9	2	11	1
9800E 10425N	1	22	13	5	5	2
9800E 10400N	1	59	2	5	2	1
9800E 10375N	1	32	7	2	2	1
9800E 10350N	2	30	2	6	2	1
9800E 10325N	2	75	8	14	2	1
9800E 10300N	1	17	4	5	2	1
9800E 10275N	1	19	10	7	2	4
9800E 10250N	1	29	8	6	5	12
9800E 10225N	1	32	24	11	8	18
9800E 10200N	1	119	26	27	11	15
9800E 10175N	1	13	8	4	2	1
9800E 10150N	1	13	5	4	2	1
9800E 10125N	1	40	18	17	8	93
9800E 10100N	1	199	16	27	10	32
9850E 10500N	1	53	25	21	9	2
9850E 10475N	1	93	22	30	18	25
9850E 10450N	1	30	14	10	13	1
9850E 10425N	1	31	11	9	10	4
9850E 10400N	1	24	7	9	84	13
9850E 10375N	1	71	22	16	19	6
9850E 10350N	1	127	10	20	7	22
9850E 10325N	1	53	13	4	2	1
9850E 10300N	4	32	5	3	2	3
9850E 10275N	1	89	12	17	2	19
9850E 10250N	1	45	15	11	5	2
9850E 10225N	1	39	26	29	11	10
9850E 10200N	1	191	19	39	12	25
9850E 10175N	1	47	11	16	4	3
9850E 10150N	1	40	6	6	4	2
9850E 10125N	1	53	8	15	6	28
9850E 10100N	1	28	3	7	3	1
9900E 10500N	1	250	22	29	13	1450
9900E 10475N	1	75	16	19	12	11
9900E 10450N	1	53	23	16	24	62
9900E 10425N	1	28	26	10	16	87
STD C/AU-S	19	61	37	28	36	54

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Co PPM	As PPM	Au* PPB
9900E 10400N	1	17	5	5	5	1
9900E 10375N	1	18	9	3	7	3
9900E 10350N	2	137	12	15	11	345
9900E 10325N	1	49	15	10	9	12
9900E 10300N	1	52	11	11	8	7
9900E 10275N	1	80	10	14	2	2
9900E 10250N	1	51	13	11	5	6
9900E 10225N	1	67	5	17	4	1
9900E 10200N	1	150	13	24	10	12
9900E 10175N	1	56	18	32	11	5
9900E 10150N	1	111	6	31	6	7
9900E 10125N	1	12	3	5	4	30
9900E 10100N	2	38	19	11	10	1
9950E 10500N	1	20	10	7	5	13
9950E 10475N	2	38	14	8	6	9
9950E 10450N	1	59	16	9	9	15
9950E 10425N	1	288	7	18	12	1320
9950E 10400N	1	18	4	4	4	14
9950E 10375N	1	42	9	8	5	1
9950E 10350N	1	52	7	8	7	8
9950E 10325N	1	50	15	26	14	5
9950E 10300N	2	208	25	30	15	1
9950E 10275N	1	64	13	12	11	1
9950E 10250N	1	91	16	20	8	28
9950E 10225N	1	419	15	44	14	25
9950E 10200N	11	2339	16	89	72	350
9950E 10175N	3	219	21	47	12	5
9950E 10150N	1	33	6	11	9	1
9950E 10125N	2	208	22	31	15	31
9950E 10100N	1	15	13	4	2	3
10000E 10500N	2	47	43	5	8	1
10000E 10475N	1	30	42	7	9	16
10000E 10450N	1	40	61	9	8	7
10000E 10425N	1	34	9	8	8	1
10000E 10400N	1	53	11	11	7	3
10000E 10375N	1	28	16	8	6	1
STD C/AU-S	20	58	37	28	37	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Co PPM	As PPM	Au* PPB
10000E 10350N	1	17	7	4	5	1
10000E 10325N	1	117	43	11	16	14
10000E 10300N	1	63	3	11	12	2
10000E 10275N	1	65	4	15	8	1
10000E 10250N	1	42	46	10	7	1
10000E 10225N	1	30	10	9	8	5
10000E 10200N	1	21	8	4	2	1
10000E 10175N	1	42	5	9	9	1
10000E 10150N	1	29	9	12	8	23
10000E 10125N	1	21	26	8	6	3
10000E 10100N	10	49	3	6	3	1
10050E 10450N	1	17	19	7	12	1
10050E 10425N	1	6	10	1	2	1
10050E 10400N	1	39	40	5	9	1
10050E 10375N	1	15	8	5	4	3
10050E 10350N	1	60	26	10	16	4
10050E 10325N	1	29	5	7	6	1
10050E 10300N	3	1925	15	16	17	19
10050E 10275N	1	30	2	5	7	1
10050E 10250N	1	202	1322	8	3	45
10050E 10225N	1	61	24	3	2	2
10050E 10200N	1	86	27	9	2	4
10050E 10175N	1	151	9	10	2	7
10050E 10150N	1	30	15	8	4	3
10050E 10125N	1	32	5	5	3	3
10050E 10100N	10	188	8	21	8	4
10100E 10500N	1	6	11	1	9	3
10100E 10475N	1	43	14	5	9	2
10100E 10450N	1	59	9	10	27	16
10100E 10425N	1	9	6	4	5	2
10100E 10400N	1	17	7	7	6	55
10100E 10375N	1	23	11	6	4	4
10100E 10350N	1	43	34	10	22	485
10100E 10300N	1	6	8	1	2	1
10100E 10275N	1	19	17	7	6	4
10100E 10250N	1	14	10	6	5	2
STD C/AU-S	19	59	37	27	38	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Co PPM	As PPM	Au* PPB
10100E 10225N	1	15	8	5	4	1
10100E 10200N	1	15	2	6	2	2
10100E 10175N	1	29	13	6	4	5
10100E 10150N	1	32	2	8	3	4
10100E 10125N	1	320	23	16	18	11
10100E 10100N	1	81	16	3	18	5
10150E 10450N	1	33	29	6	7	285
10150E 10425N	1	21	12	6	5	2
10150E 10400N	1	32	14	6	4	3
10150E 10375N	1	45	31	2	9	4
10150E 10350N	1	38	37	8	5	6
10150E 10325N	1	25	9	7	4	10
10150E 10300N	1	13	6	2	4	78
10150E 10275N	1	10	11	1	5	6
10150E 10225N	1	10	11	3	22	25
10150E 10200N	1	105	15	10	7	31
10150E 10175N	1	43	51	4	3	4
10200E 10425N	1	93	17	5	11	10
10200E 10400N	1	40	8	8	7	4
10200E 10375N	1	24	4	6	6	3
10200E 10350N	1	209	14	13	7	7
10200E 10325N	2	1296	24	6	9	115
10200E 10300N	6	2691	34	13	17	385
10250E 10500N	1	73	5	7	5	1
10250E 10475N	1	33	2	7	2	2
10250E 10450N	1	1800	11	10	9	485
STD C/AU-S	19	59	37	28	38	47

VICTORIA FAME REPORT (E133) 15750

Province of British Columbia — Ministry of Energy Mines and Petroleum Resources

TYPE OF REPORT/SURVEY(S): GEOLOGICAL; GEOCHEMICAL

TOTAL COST: 89,617.27

AUTHOR(S): G.R. Peatfield

SIGNATURE(S):

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED: March 6/87

YEAR OF WORK: 1986

PROPERTY NAME(S): Texada Island

COMMODITIES PRESENT: Cu, Pb, Zn, Fe, Au

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN: 92F-113, 269, 271

MINING DIVISION: Nanaimo

NTS: 92F/15E, 92F/10E

LATITUDE: 49°45'8"

LONGITUDE: 124°32'52"

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

" see back "

OWNER(S):

(1) Vananda Gold Ltd. (2)

MAILING ADDRESS:

OPERATOR(S) [that is, Company paying for the work]:

(1) as above (2)

MAILING ADDRESS:

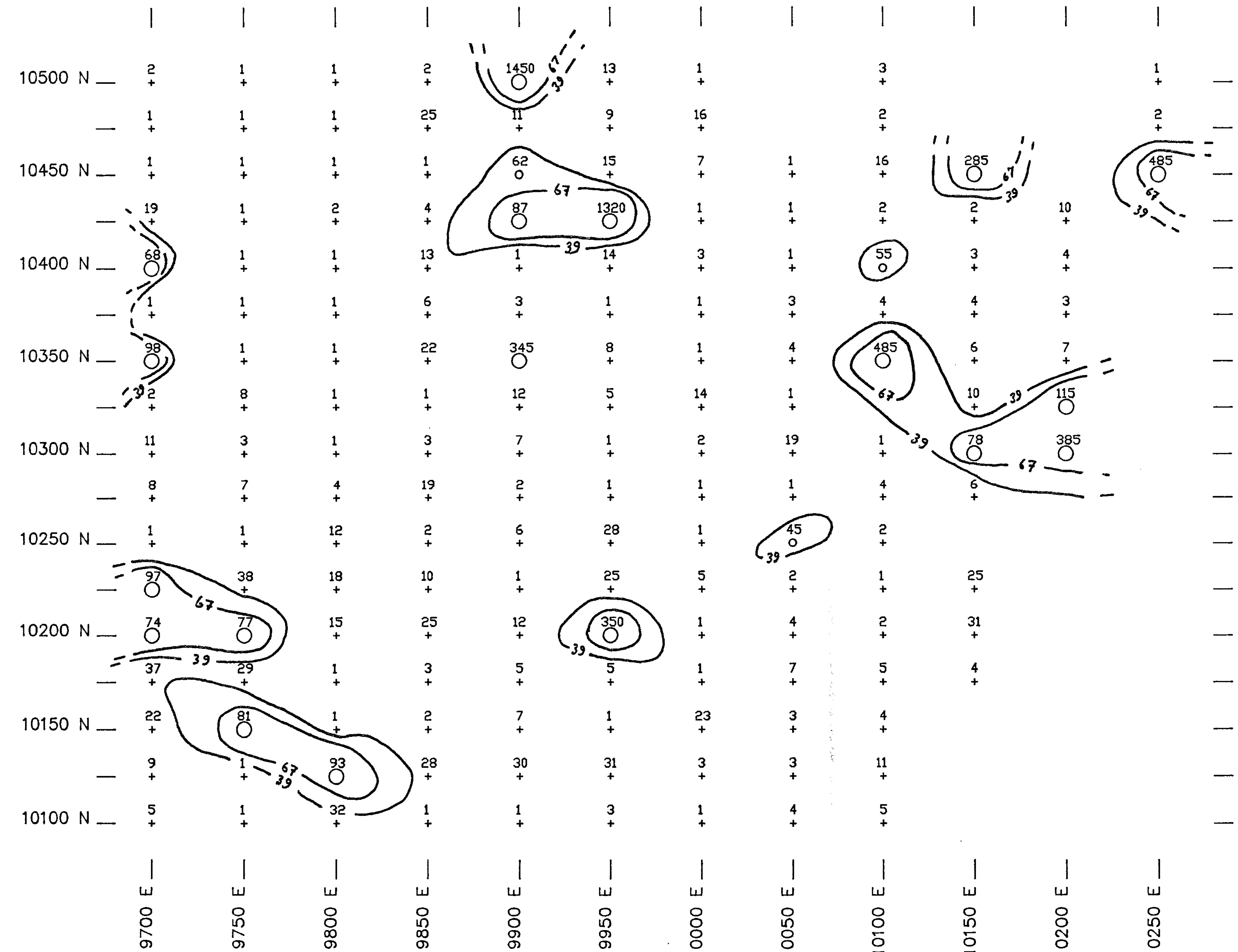
SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

The property is underlain by a succession of mid-Mesozoic volcanic and sedimentary strata cut by at least two types of intrusive rocks, thought to be of Mesozoic age.

REFERENCES TO PREVIOUS WORK: A.R. 14425, 5077

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground	GEOL 1:2500 200 ha		
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)		Lots 201, 515, 516, 523, 40, 527, 520, 522, 518 Brownie 2 Fr.	
Soil	SOIL 500; multielement		
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)	LINE 28.0 km		
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	89,617.27

FOR MINISTRY USE ONLY		NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)	89,617.27				
Value of work approved					
Value claimed (from statement)					
Value credited to PAC account					
Value debited to PAC account					
Accepted	Date March 1/88	Rept. No 15750			Information Class (3)



LEGEND

+ <39 ppb

o ≥39 ppb <67 ppb

◯ ≥67 ppb

Total number of samples = 170

Statistics on 161 samples <100 ppb
mean = 11.5 ppb.
st. dev. = 27.4 ppb.

Scale 1: 2500

0 50 100 150 200
metres

VANANDA GOLD LTD.

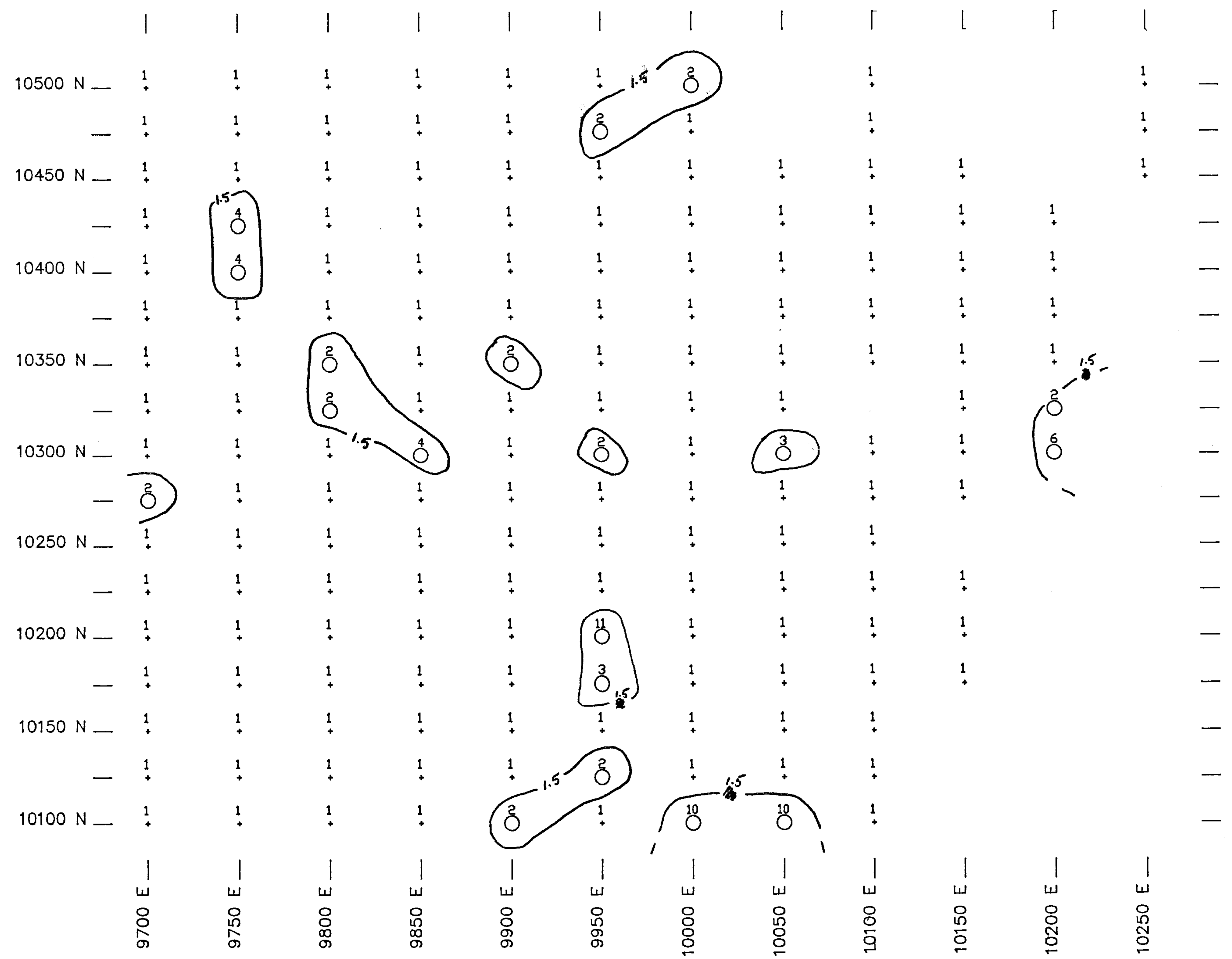
TEXADA ISLAND PROPERTY
Nanaimo M.D., B.C.

VANANDA GRID
Au in Soils – ppb

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	Mar.'87	
Originator: GP		N.T.S. 92F/10E,15E	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: VGT\AU 1987-03-03



LEGEND

+ <1.5 ppm

o ≥1.5 ppm <2 ppm

◯ ≥2 ppm

Total number of samples = 170

mean = 1.1 ppm
st. dev. = .5 ppm

Scale 1:2500

0 50 100 150 200
metres

VANANDA GOLD LTD.

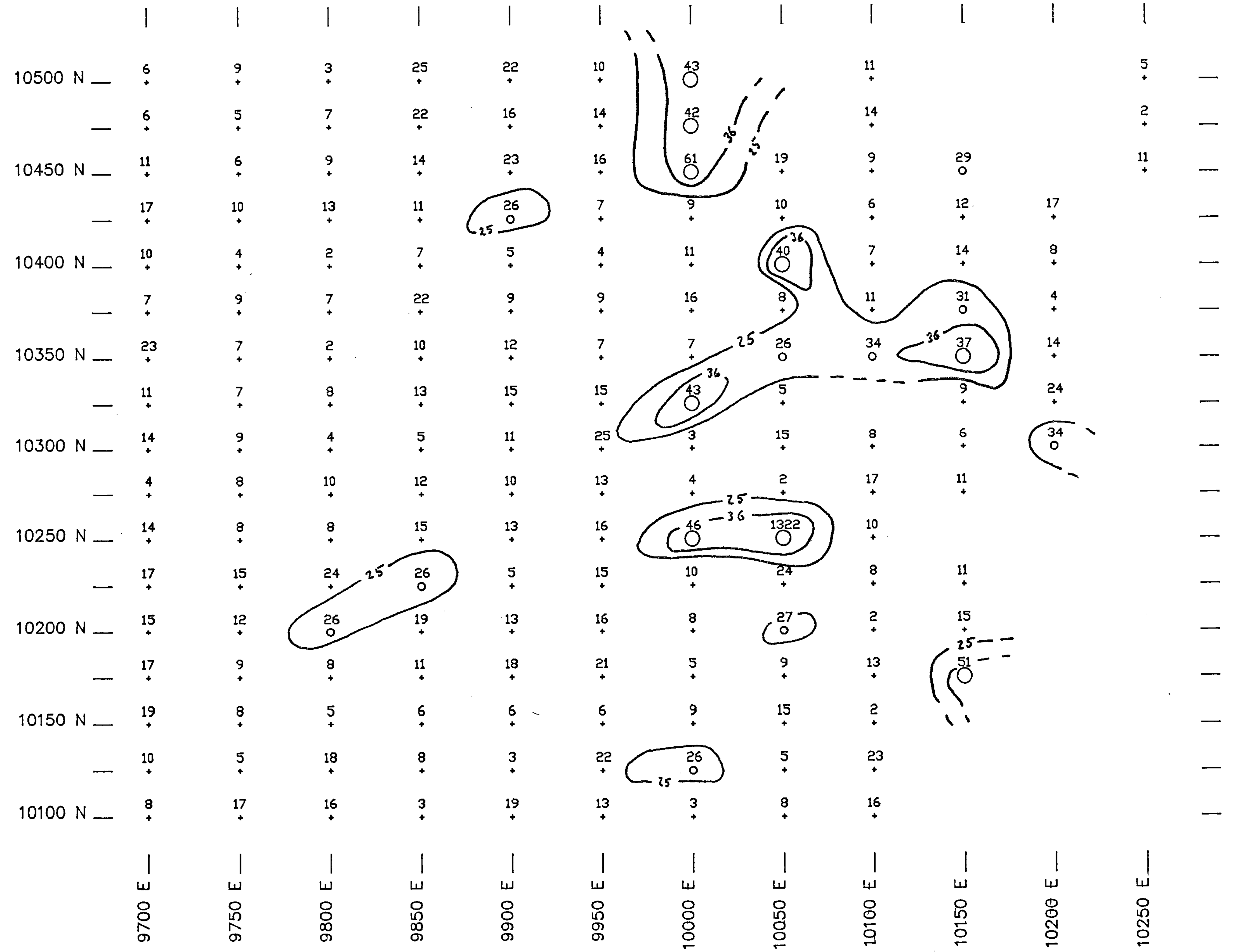
TEXADA ISLAND PROPERTY
Nanaimo M.D., B.C.

VANANDA GRID
Mo in Soils – ppm

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	Mar.'87	
Originator: GP		N.T.S. 92F/10E,15E	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: VGT\MO 1987-03-03



LEGEND

+ < 25 ppm

o ≥25 ppm < 36 ppm

◯ ≥36 ppm

Total number of samples = 170

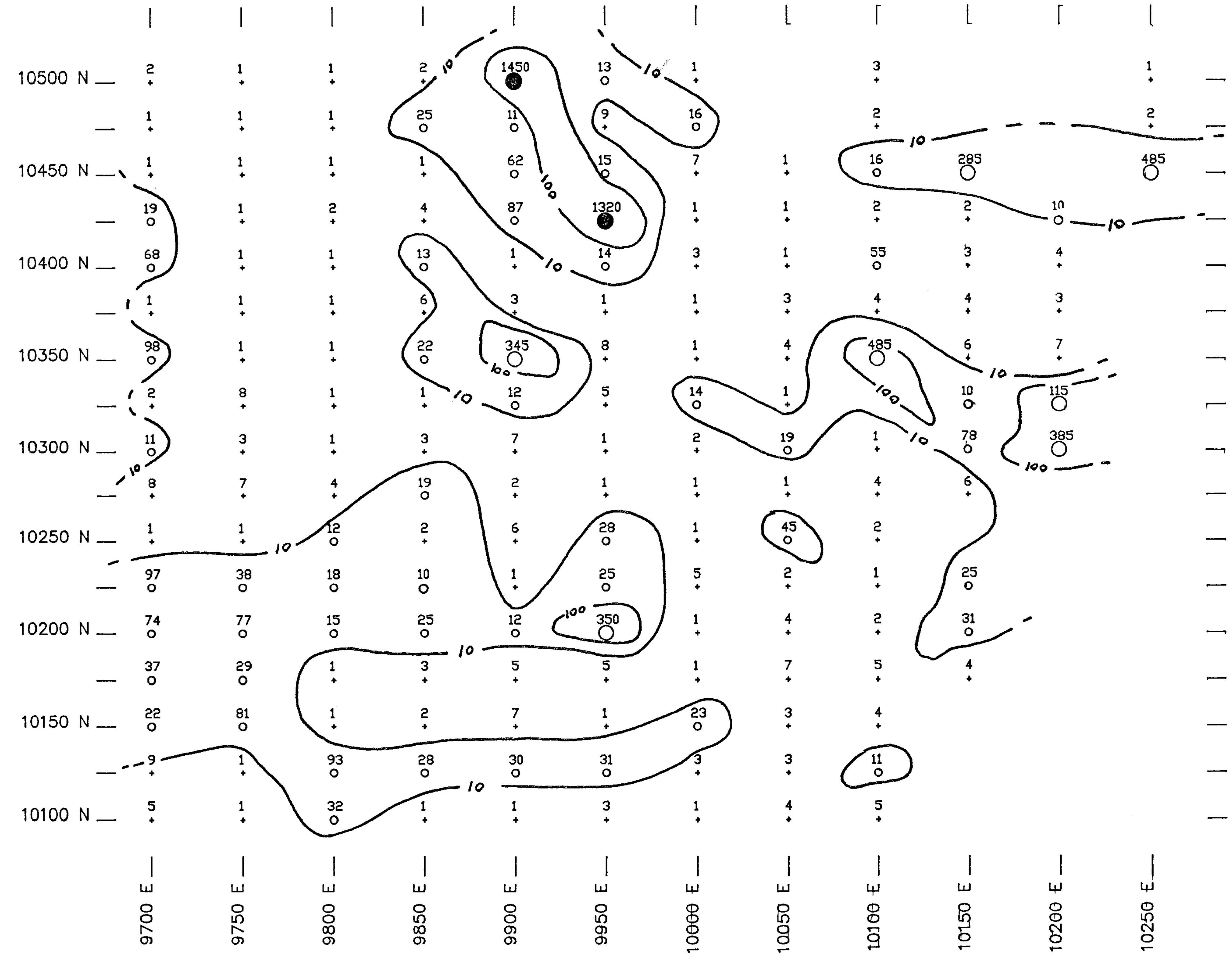
Statistics on 169 samples <100 ppm
mean = 14 ppm
st. dev. = 11 ppm

Scale 1:2500

0 50 100 150 200
metres

VANANDA GOLD LTD.			
TEXADA ISLAND PROPERTY Nanaimo M.D., B.C.			
VANANDA GRID Pb in Soils – ppm			
PLAN No. –	DRAWN BY: GEO-COMP	DATE Mar.'87	FIGURE
Originator: GP		N.T.S. 92F/10E,15E	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

Geo-Comp Drawing File: VGT\PB 1987-03-03



LEGEND

- + 1 – 9 ppb
- o 10 – 99 ppb
- ◯ 100 – 999 ppb
- ● 1,000 ppb +

Total number of samples = 170

Statistics on 161 samples <100 ppb
mean = 11.5 ppb.
st. dev. = 27.4 ppb.

Scale 1: 2500

0 50 100 150 200
metres

VANANDA GOLD LTD.

TEXADA ISLAND PROPERTY

Nanaimo M.D., B.C.

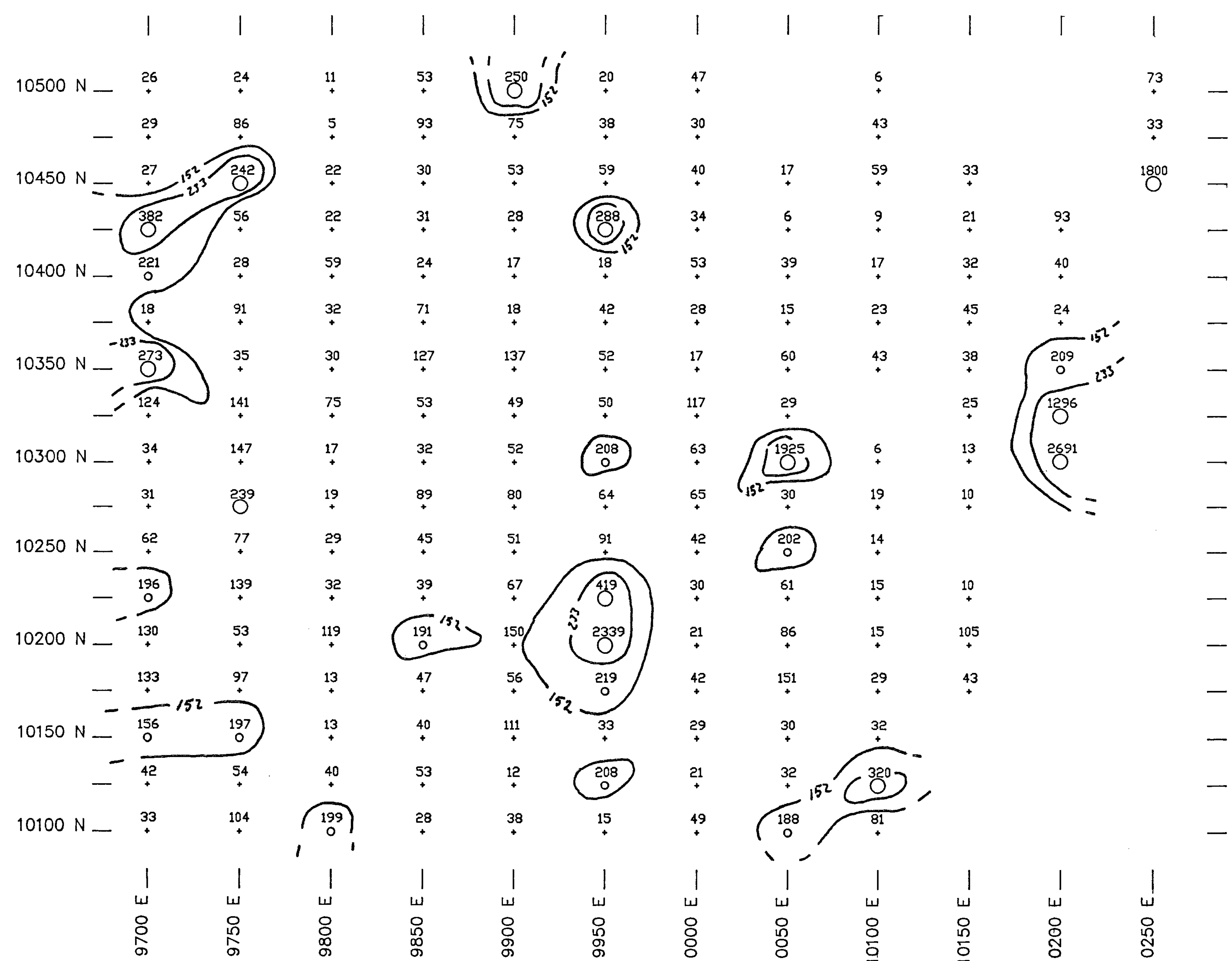
VANANDA GRID

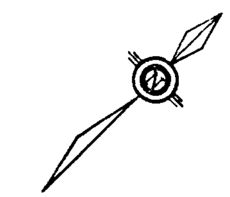
Au in Soils – ppb

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	Mar.'87	
Originator: GP		N.T.S. 92F/10E,15E	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: VGT\AU2 1987-03-03





LEGEND

+ <152 ppm

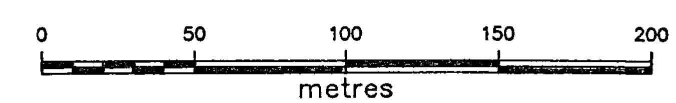
o ≥152 ppm <233 ppm

◯ ≥233 ppm

Total number of samples = 170

Statistics on 165 samples <1000 ppm
mean = 71 ppm
st. dev. = 81

Scale 1:2500



VANANDA GOLD LTD.

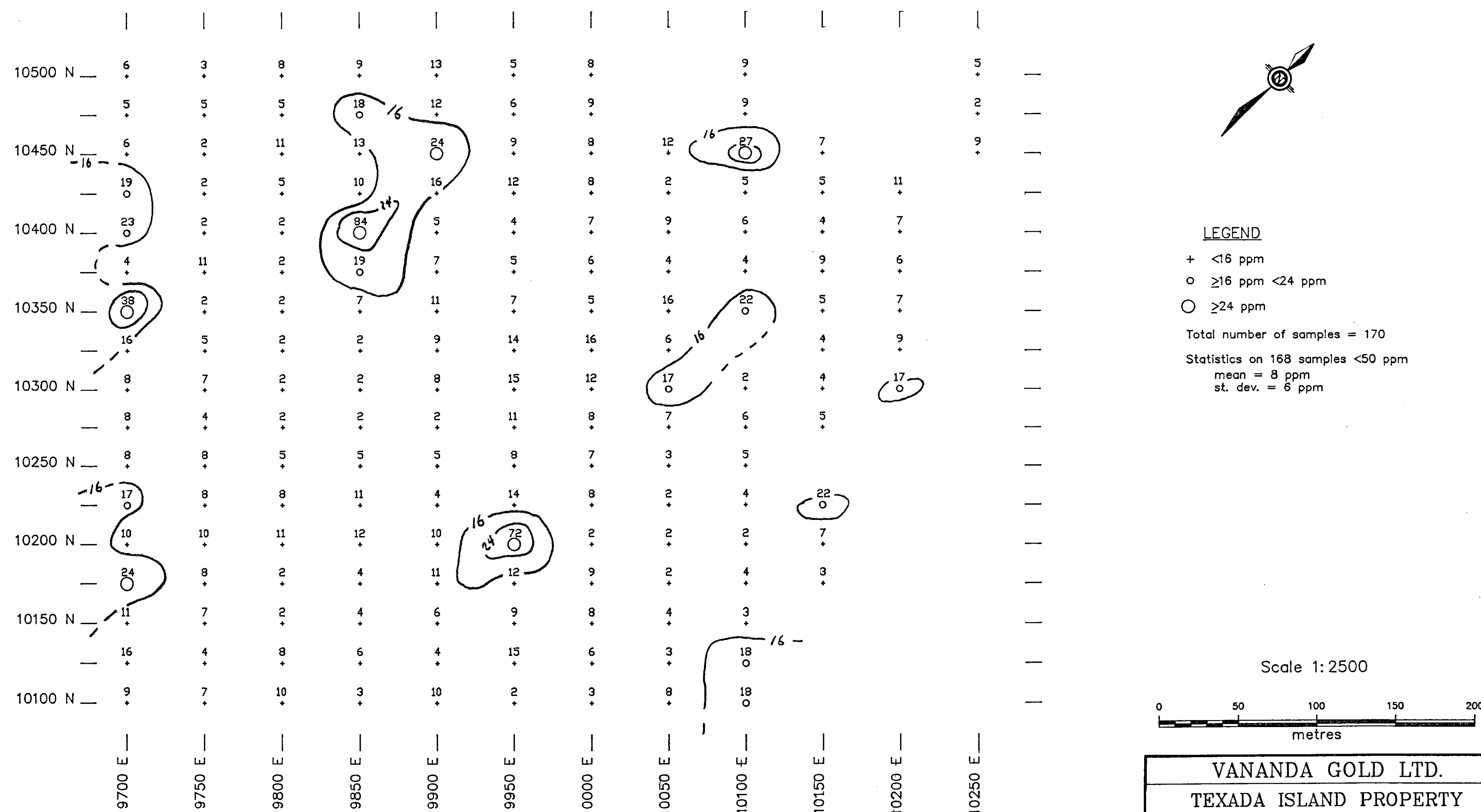
TEXADA ISLAND PROPERTY
Nanaimo M.D., B.C.

VANANDA GRID
Cu in Soils – ppm

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	Mar.'87	
Originator: GP		N.T.S. 92F/10E,15E	

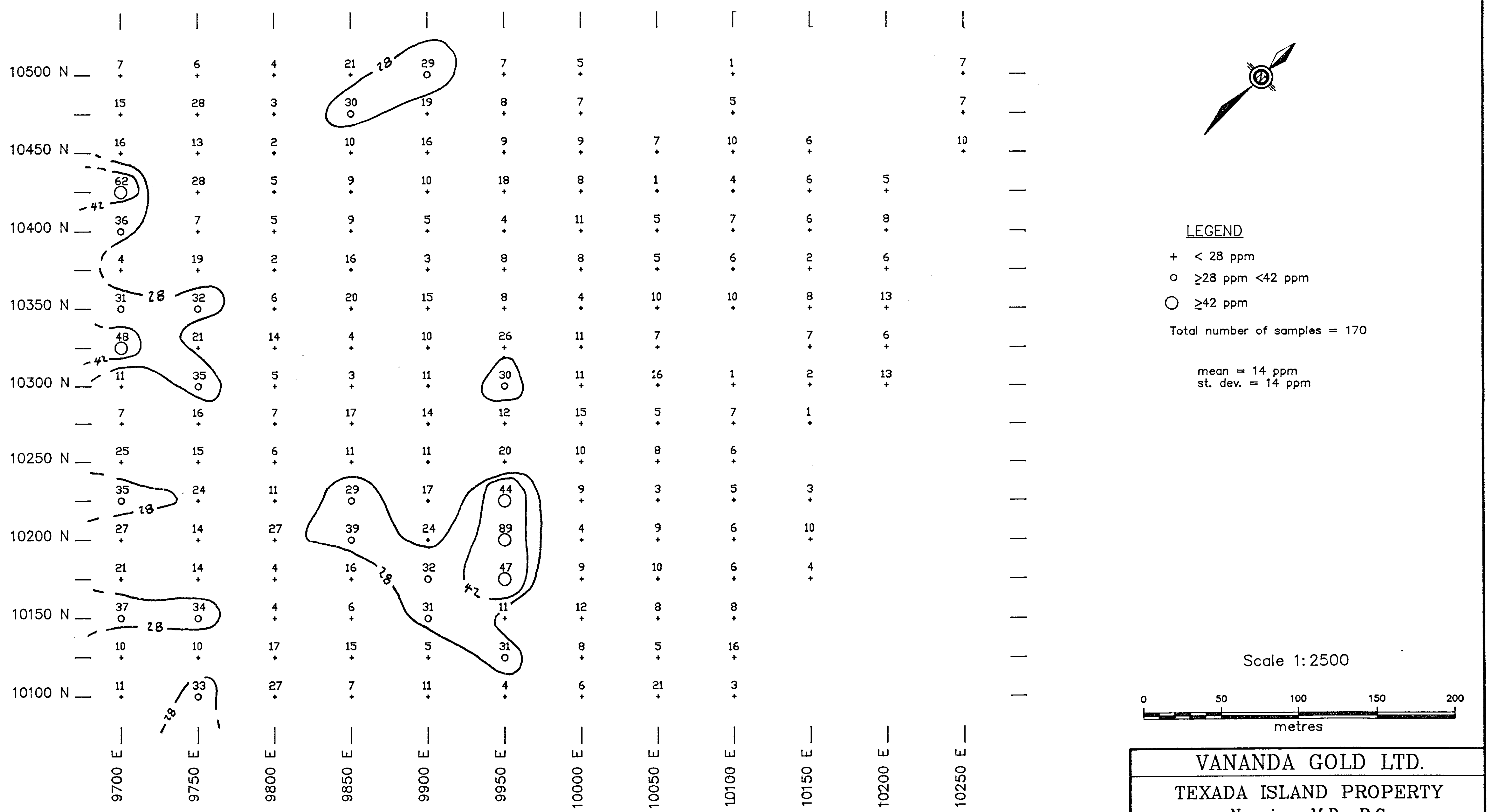
MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: VGT\CU 1987-03-03



VANANDA GOLD LTD.			
TEXADA ISLAND PROPERTY Nanaimo M.D., B.C.			
VANANDA GRID As in Soils – ppm			
PLAN No. –	DRAWN BY: GEO-COMP	DATE Mar.'87	FIGURE
Originator: GP		N.T.S. 92F/10E,15E	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

Geo-Comp Drawing File: VGT\AS 1987-03-03



VANANDA GOLD LTD.

TEXADA ISLAND PROPERTY

Nanaimo M.D., B.C.

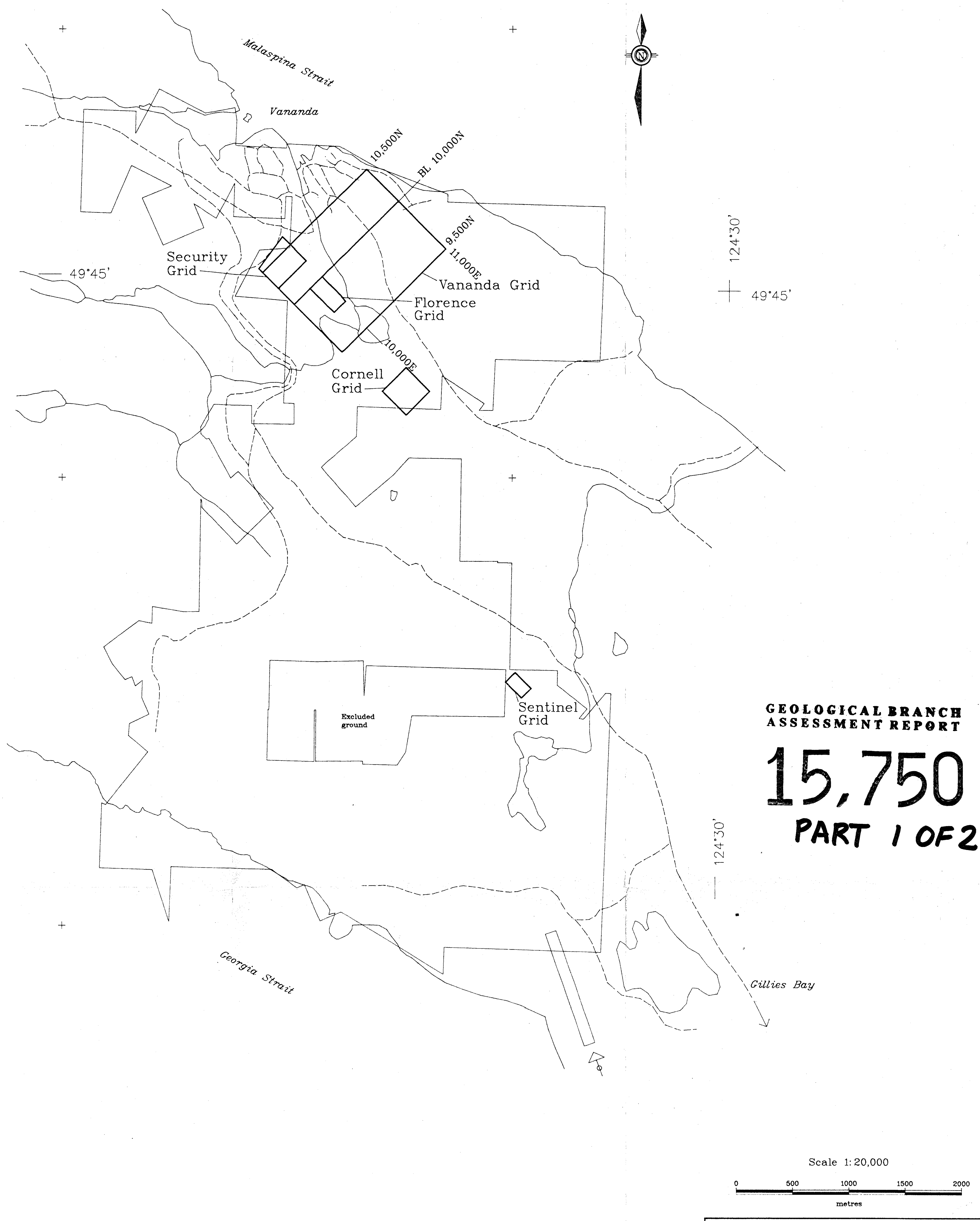
VANANDA GRID

Co in Soils – ppm

PLAN No.	DRAWN BY:	DATE	FIGURE
–	GEO-COMP	Mar.'87	
Originator: GP		N.T.S. 92F/10E,15E	

MINEQUEST EXPLORATION ASSOCIATES LTD.

Geo-Comp Drawing File: VGT\CO 1987-03-03



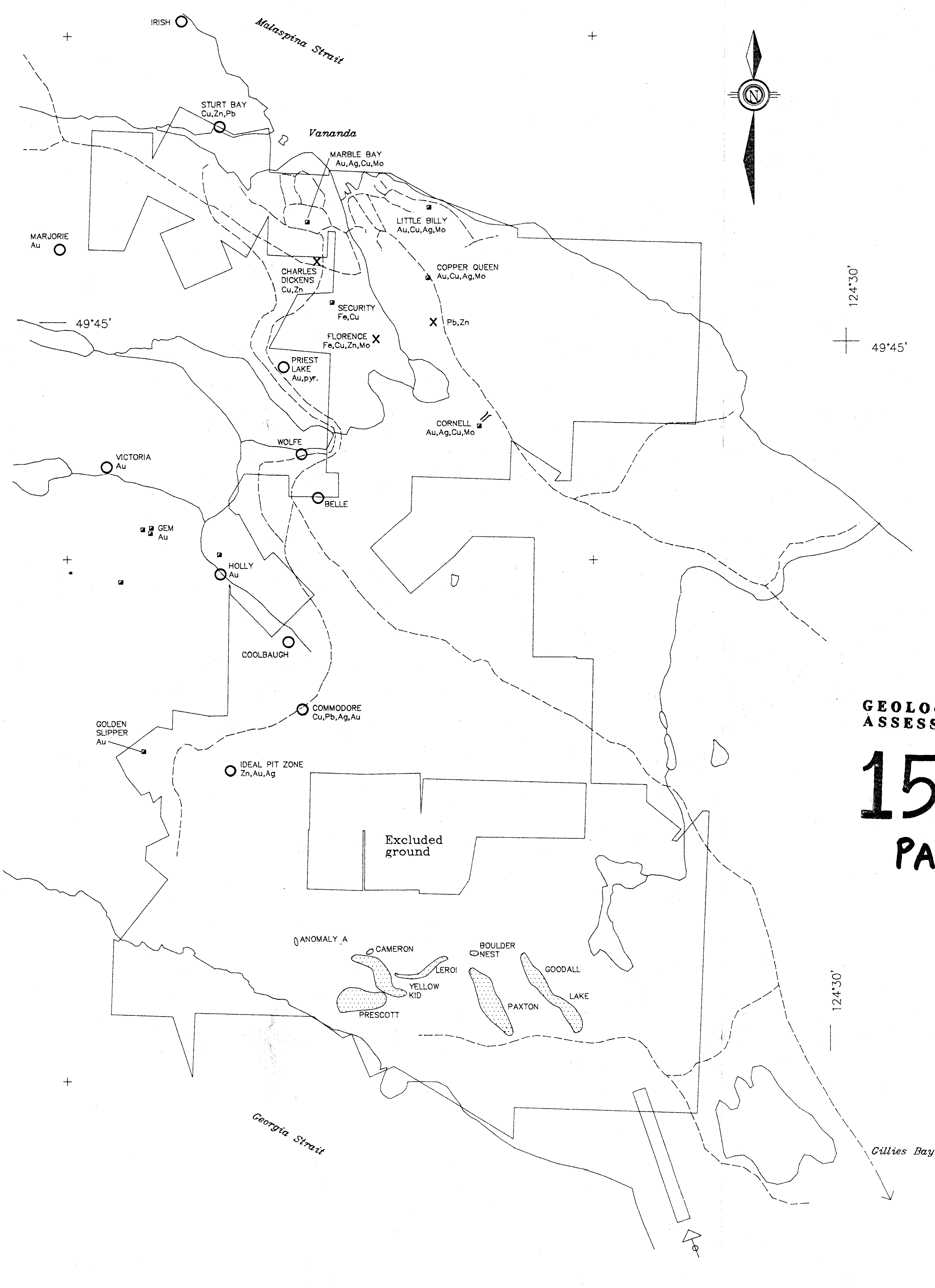
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,750

PART 1 OF 2

VANANDA GOLD LTD.					
TEXADA ISLAND PROPERTY Nanaimo M.D., B.C.					
GRID LOCATIONS					
	Originator	Drawn	Date	PLAN No. 8431	FIGURE
Original	GRP	Geo-Comp	MAR.'87		
Revision				N.T.S. 92F/10E,15E	
Revision					
MINEQUEST EXPLORATION ASSOCIATES LTD.					

Geo-Comp Drawing File: VGT/GR20 1987-03-05



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,750

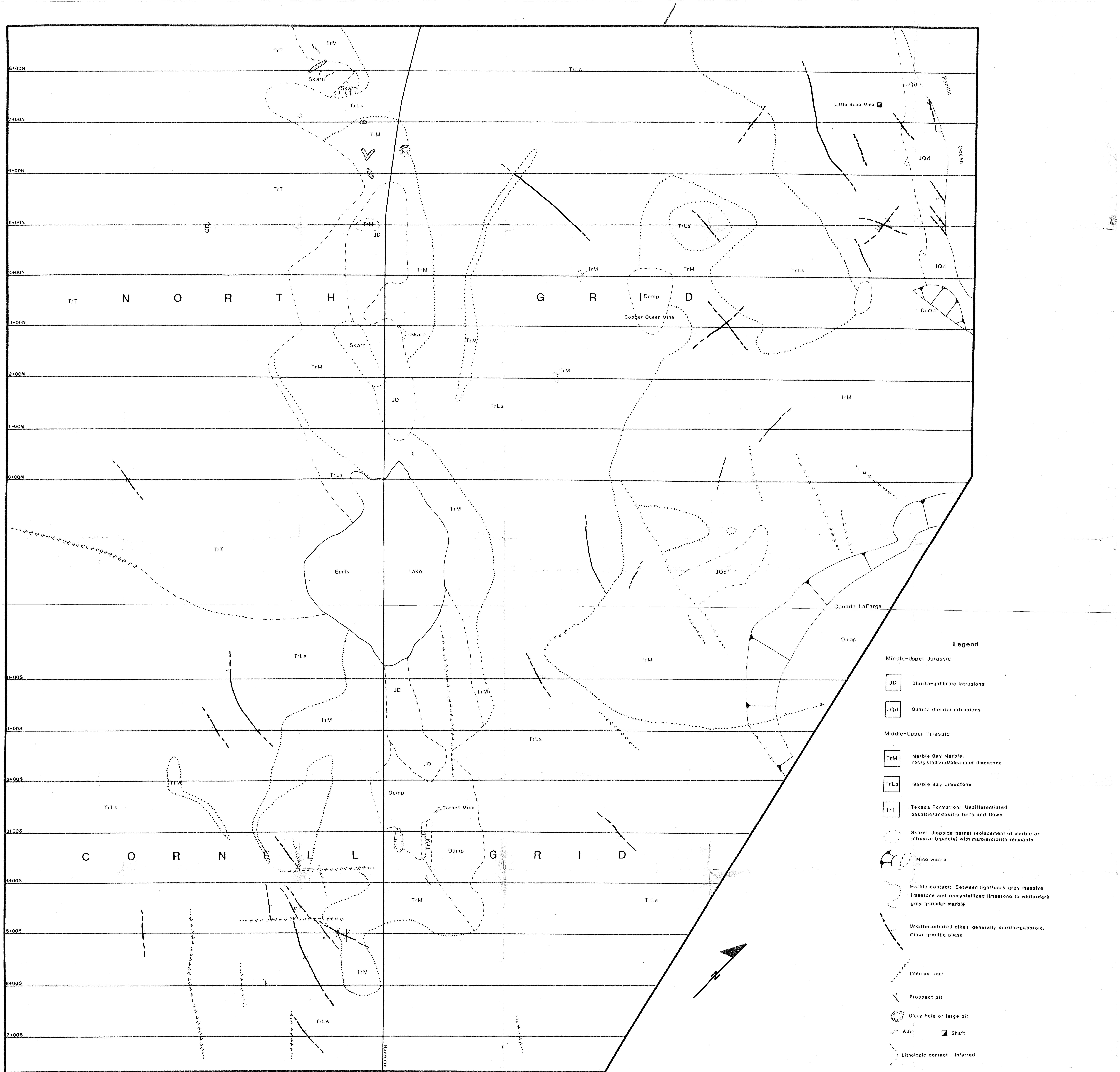
PART 1 OF 2

Scale 1:20,000

0 500 1000 1500 2000
metres

VANANDA GOLD LTD.					
TEXADA ISLAND PROPERTY Nanaimo M.D., B.C.					
MINERAL OCCURANCES					
	Originator	Drawn	Date	PLAN No. 8431	FIGURE
Original	GRP	Geo-Comp	MAR.'87		
Revision				N.T.S. 92F/10E,15E	
Revision					
MINEQUEST EXPLORATION ASSOCIATES LTD.					

Geo-Comp Drawing File: VGT/MINO 1987-03-05



Geology by:
M. Ryan
K. Christenson
D. Murphy
A. Ettlinger

Compiled by:
Art Ettlinger December 1986

GEOLOGICAL BRANCH
ASSESSMENT REPORT

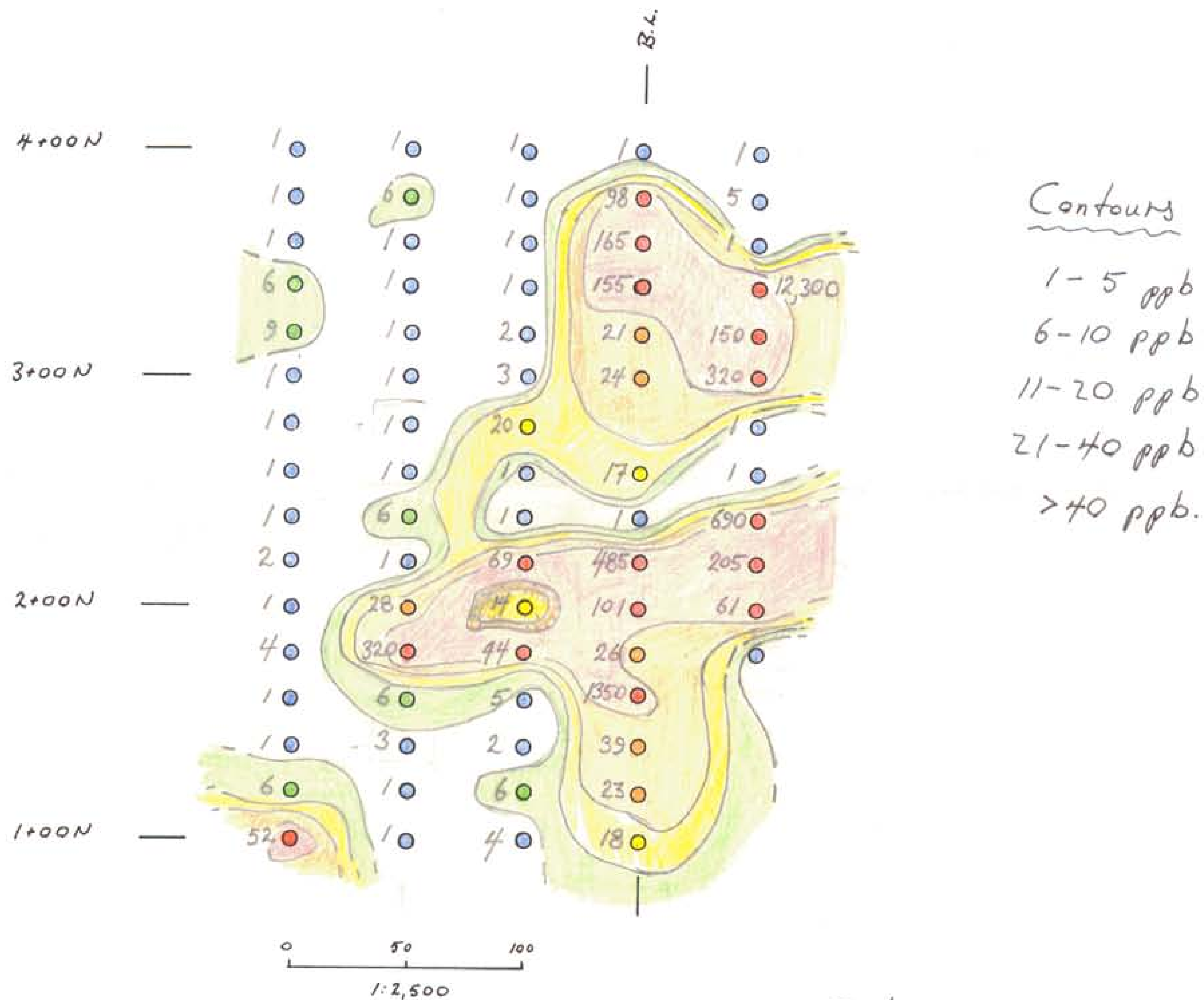
15,750

PART 1 OF 2

GEOLOGIC MAP OF THE VANANDA GOLD CAMP, TEXADA ISLAND, B. C.

Scale 1:2500

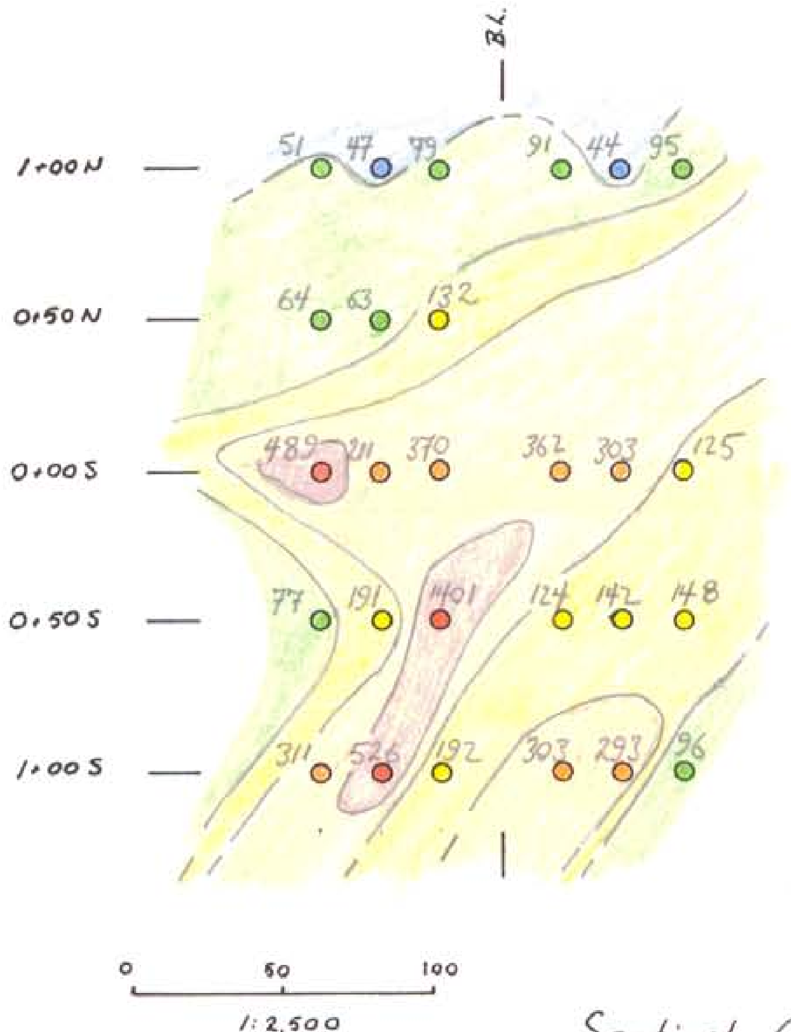
0 100m



Florence Grid

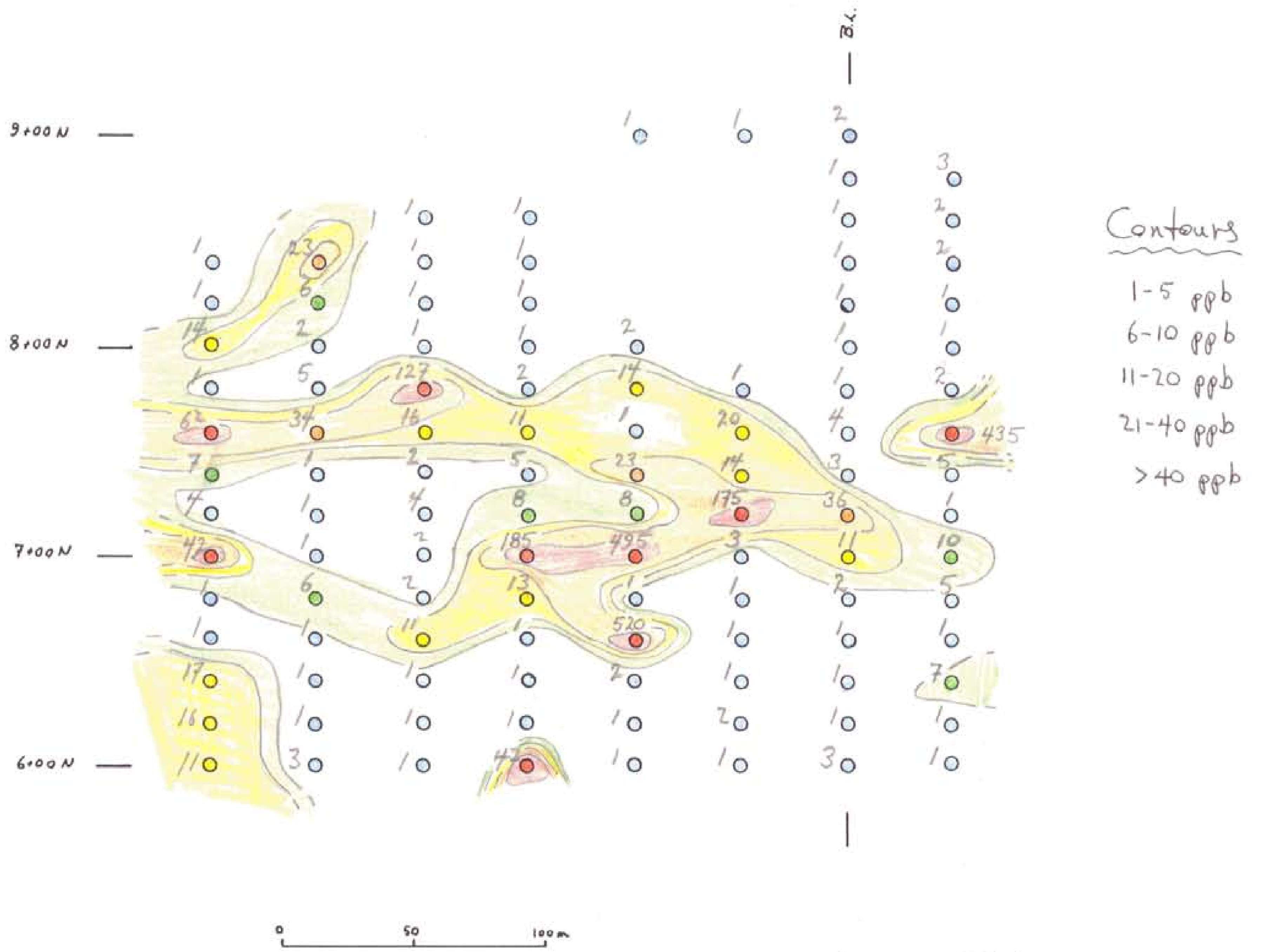
Soil - Au in ppb.

Zn.



Sentinel Grid

Soils - Zn in ppm.



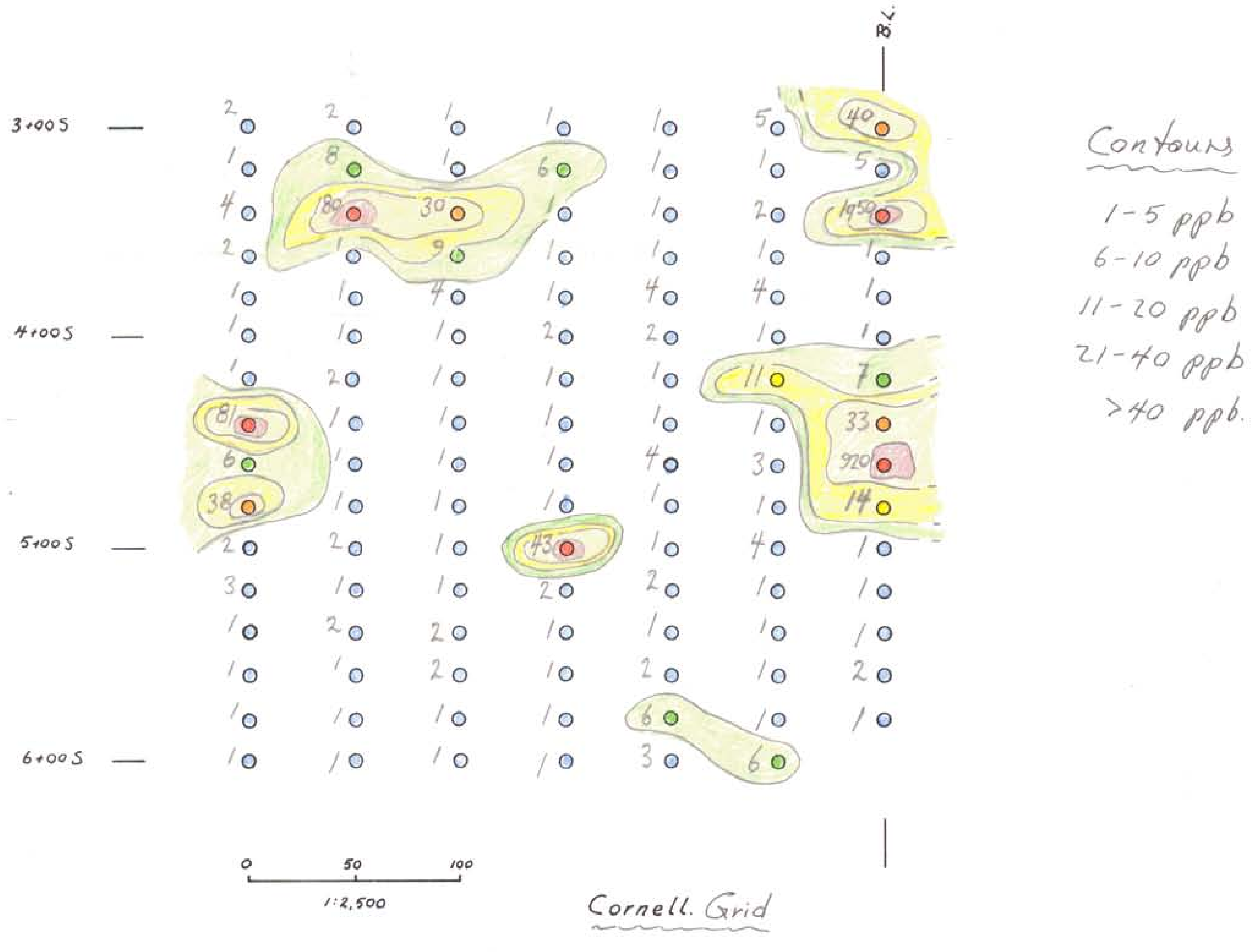
Security Grid

Soil - Au in ppm.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

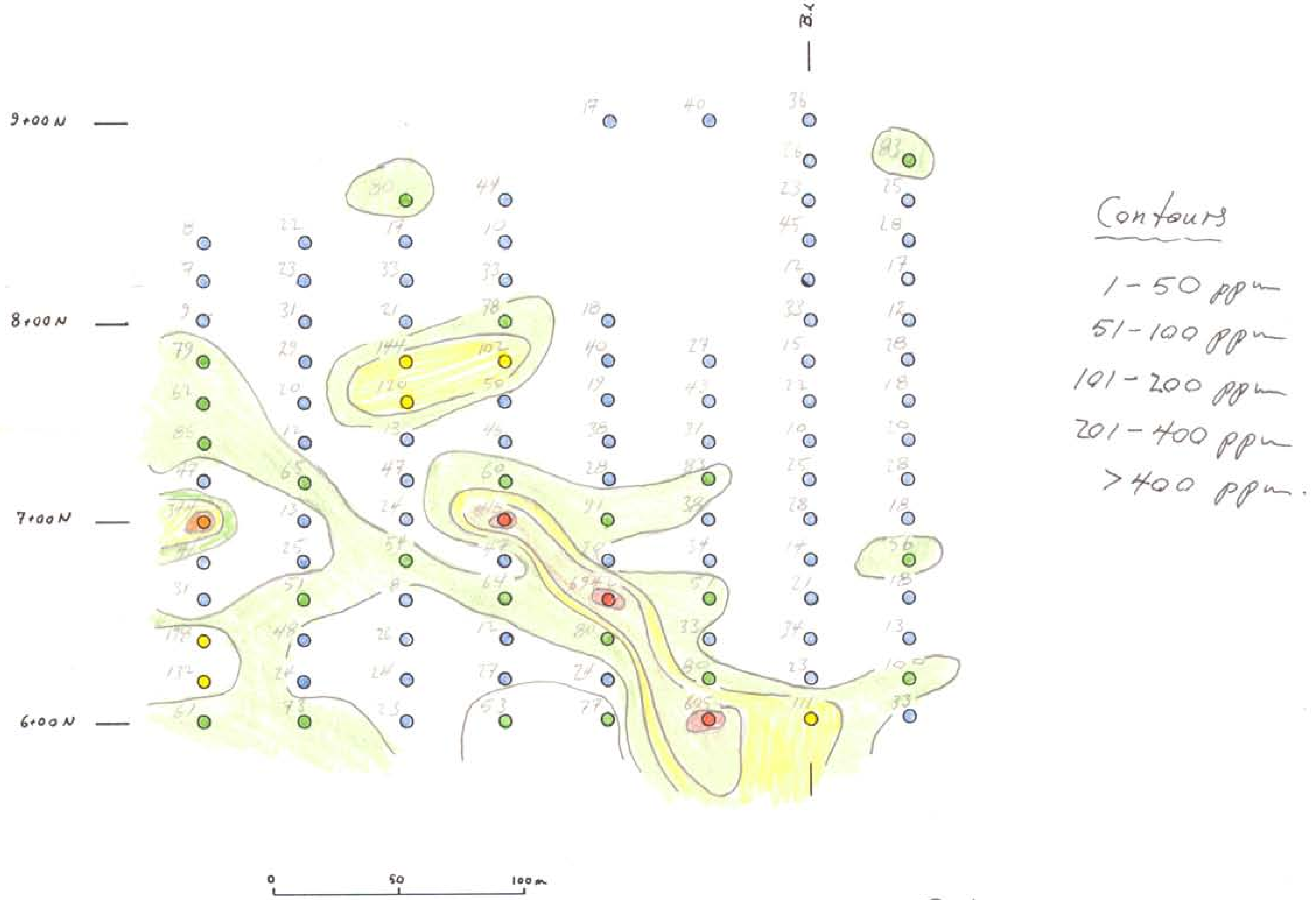
15,750

PART 1 OF2



Soils - Au in ppb.

PART 1 OF 2



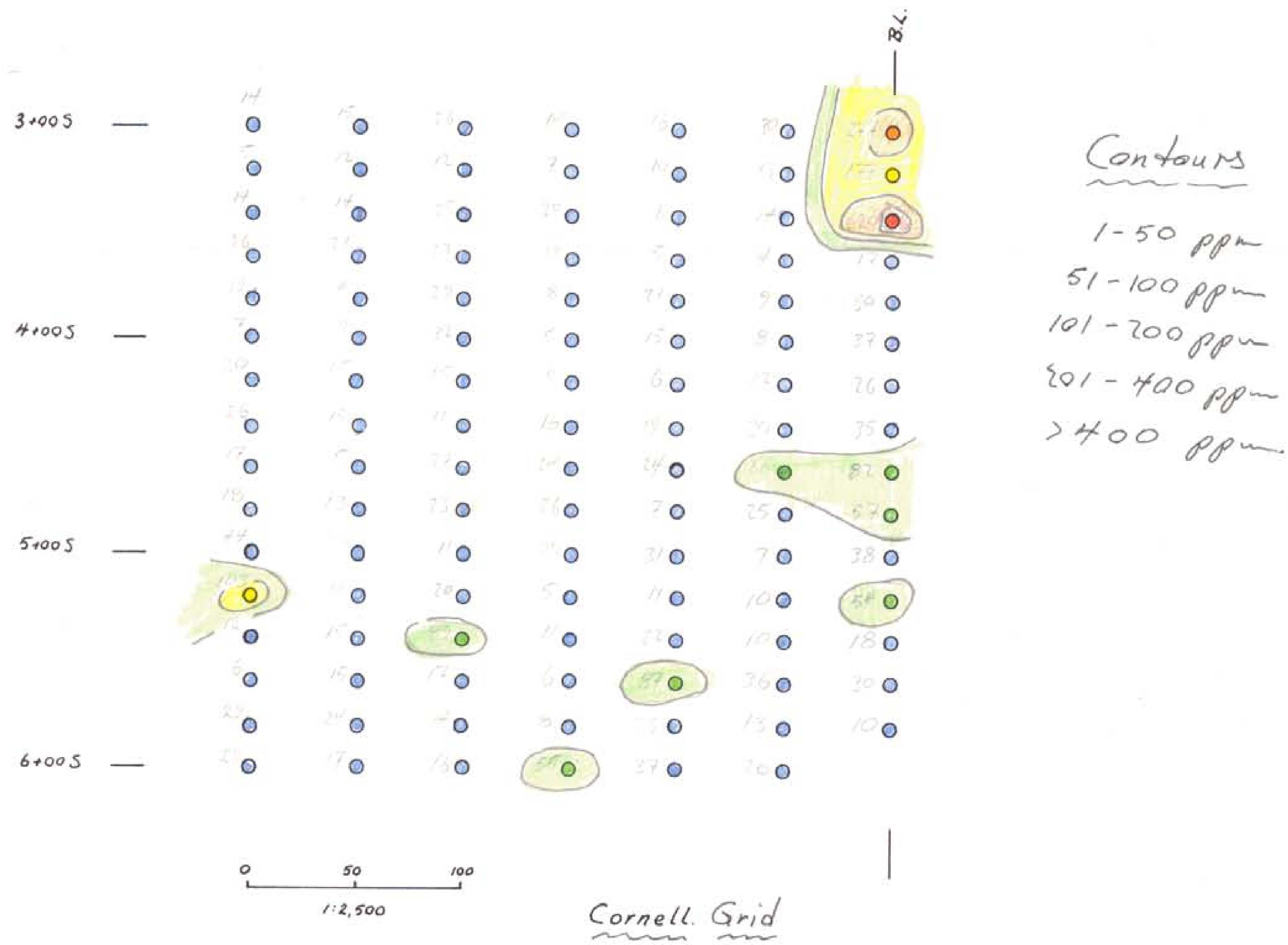
Security Grid

Soil - Cu in ppm.

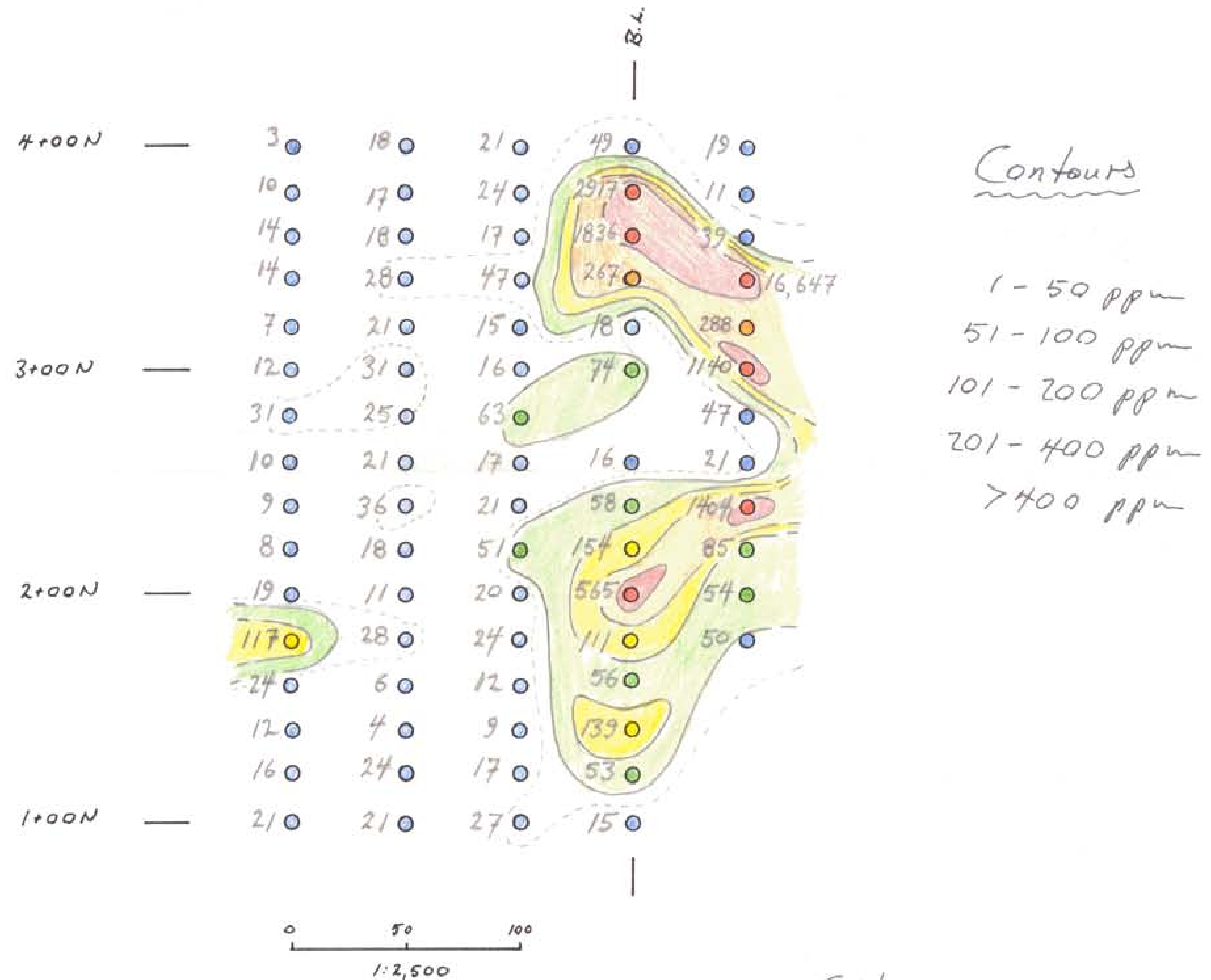
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,750

PART 1 OF 2



Soils - Cu in ppm



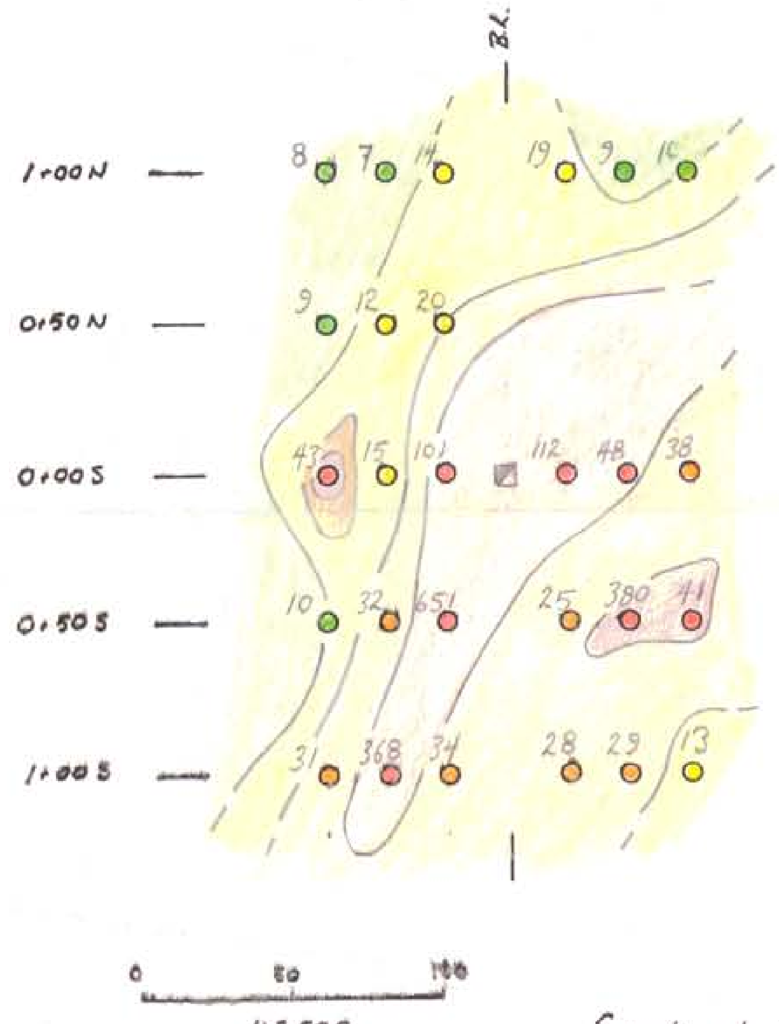
Florence Grid

Soils – Cu in ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,750

PART 1 OF 2



Sentinel Grid

Soils – Pb in ppm.