

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.05.27

ASSESSMENT REPORT 17430

MINING DIVISION: Osoyoos

PROPERTY: Zandu  
LOCATION: LAT 49 23 54 LONG 120 04 06  
UTM 10 5475652 712707  
NTS 092H08E

CLAIM(S): Zandu, Yeti 1  
OPERATOR(S): Cons. Sea Gold  
AUTHOR(S): Sanford, M.R.  
REPORT YEAR: 1988, 67 Pages

COMMODITIES

SEARCHED FOR: Gold

GEOLOGICAL

SUMMARY: Soil and rock chip sample gold anomalies occur in a contact environment where Triassic Hedley diorite intrudes Upper Triassic Nicola Group limestones on the margin of a Jurassic granitic batholith.

WORK

DONE: Geological, Geochemical, Geophysical  
EMGR 36.7 km; VLF  
GEOL 506.0 ha  
Map(s) - 1; Scale(s) - 1:5000  
MAGG 36.7 km  
Map(s) - 2; Scale(s) - 1:5000  
ROAD 1.1 km  
SOIL 836 sample(s); AU  
Map(s) - 1; Scale(s) - 1:5000

RELATED

REPORTS: 14321, 15087

MINFILE: 092HSE

LOG NO: 1202 RD. 1  
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back from amendments  
67 p.  
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LOG NO: 0601 RD.  
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SUMMARY REPORT

1987 FIELD EXPLORATION PROGRAM  
INCLUDING  
GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL SURVEYS  
COMPLETED ON THE  
YETI #1 AND ZANDU CLAIMS  
OSOYOOS MINING DIVISION  
4 Km NORTH OF HEDLEY, B.C.

FILMED

N.T.S. : 92H/8E  
Location : S.E. corner is 4 Km N. of Hedley, B.C.  
Owner/Operator: Consolidated Sea Gold Corp.  
Author : Michael R. Sanford, Geologist  
Date : April 20, 1988

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

17,430

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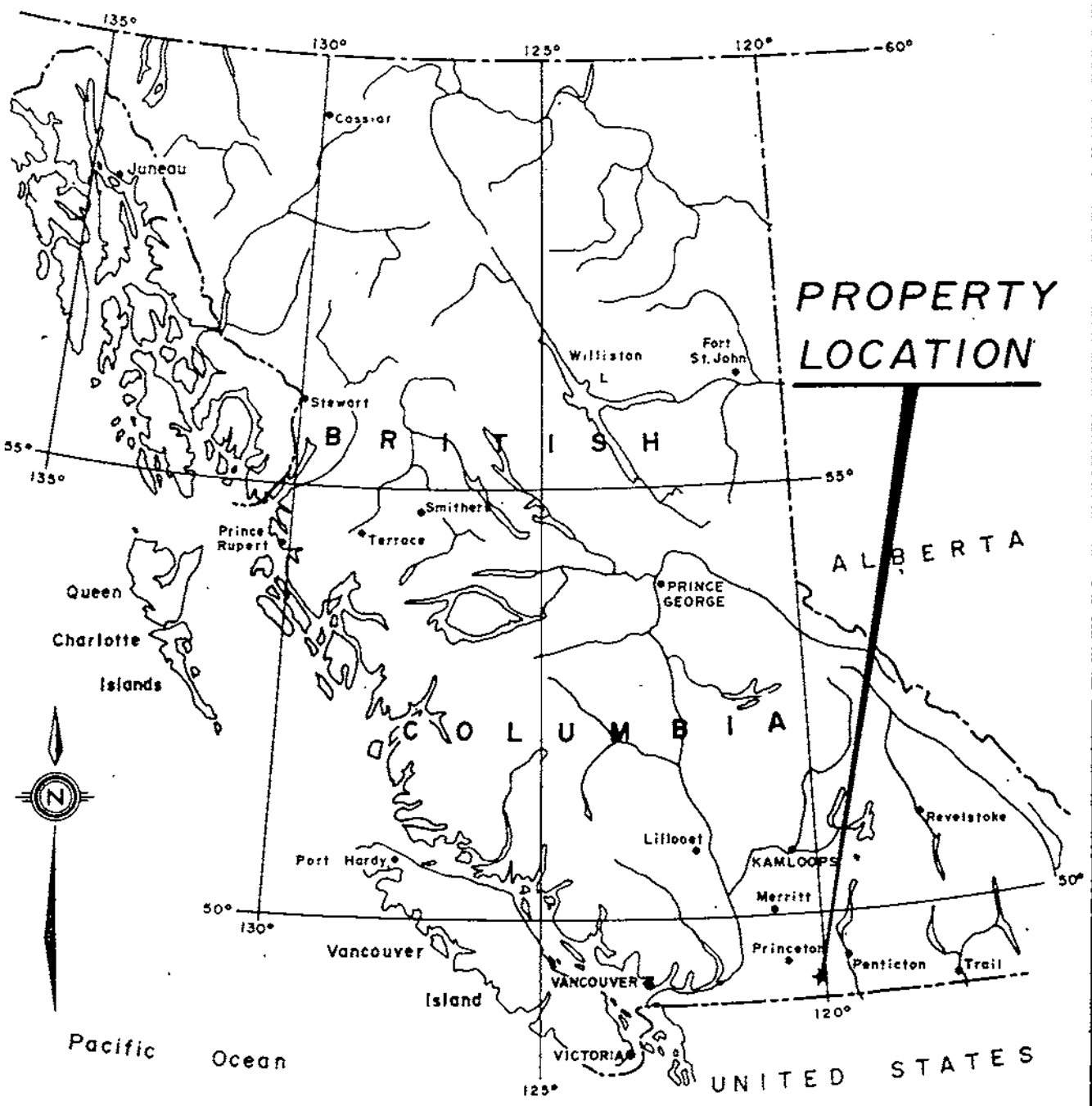
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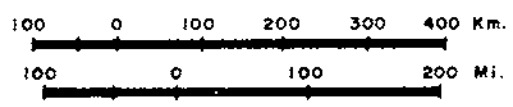
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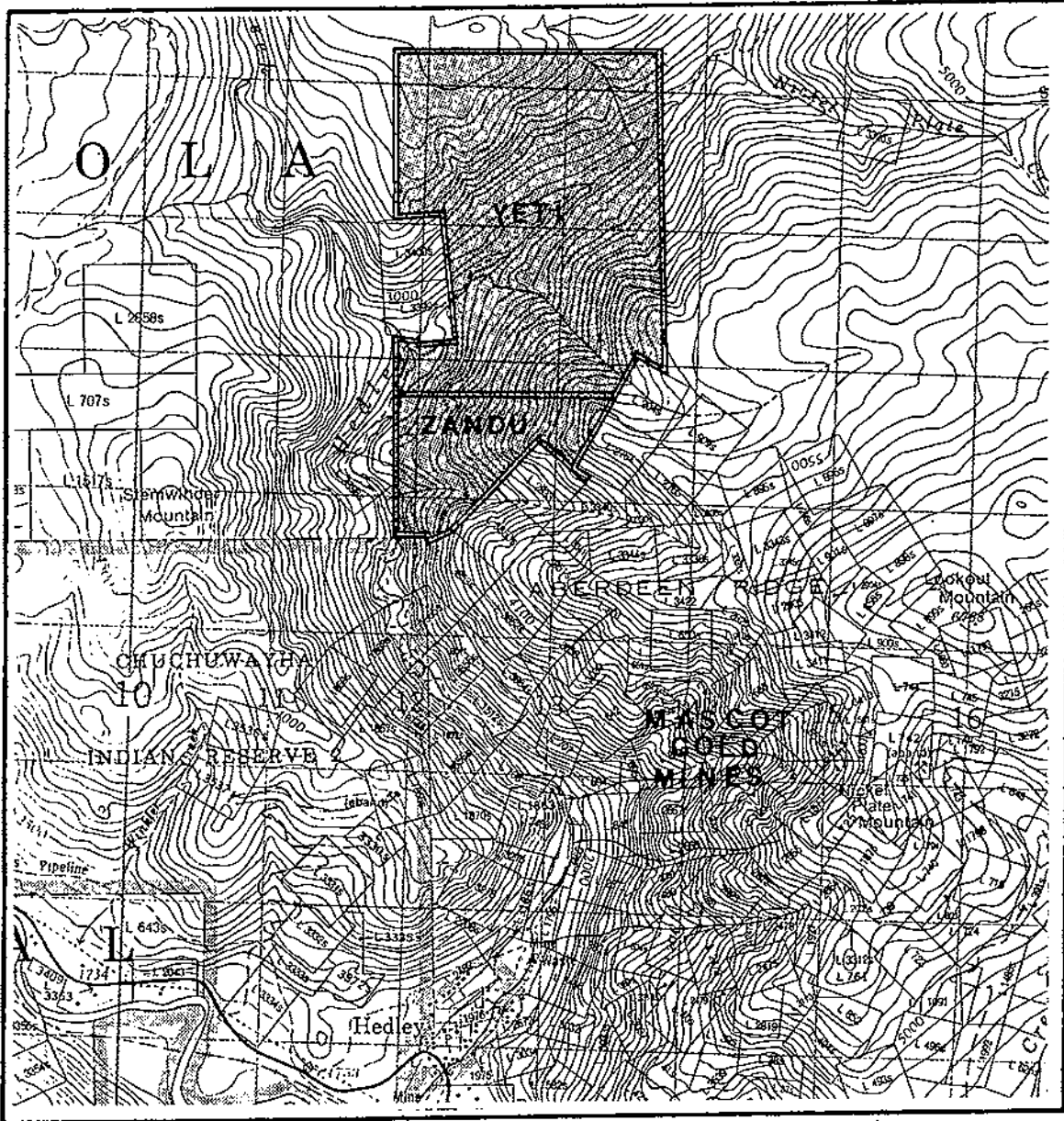
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# ZANDU & YETI CLAIMS





**ZANDU & YETI CLAIMS**

HEDLEY CREEK , HEDLEY AREA, B. C.

OSOYOOS M. D., B. C.

**CLAIM LOCATION MAP**

SCALE:  
1:50,000

N.T.S.  
92 H / 8 E

## 1. INTRODUCTION

During the fall of 1987, Consolidated Sea Gold Corporation of Vancouver, B.C. carried out an extensive grass-roots exploration program over the southern part of the Yeti and Zandu mineral claims in the Hedley area of B.C. as recommended by this author in his report of September 3, 1986. The results of the program are presented and discussed in this report, as well as recommendations for further work.

### 1.1 Conclusions

Results of the 1987 exploration program have shown that this property has very good economic potential. One rock chip sample grading 0.12 opt taken in the southern part of the grid correlates with a strong gold geochem anomaly in the soils and represents an excellent discrete exploration target. Other rock chip samples taken in 1986 indicate sub-economic values of gold widely distributed on the southern part of the property.

These indications, coupled with favourable geologic conditions similar to that of Mascot Gold Mines indicate a promising environment for gold ore development within the rocks on the property.

Further exploration work should be undertaken to define zones of greatest potential, beginning with a tighter soils geochem grid and detailed prospecting and mapping, and including trenching and diamond drilling.

### 1.2 Summary of Work Performed

1. Grid Establishment: 2.7 km base Line cut out and measured; 34 km flagged lines 100m apart with 25m stations over southern part of claims.
2. Geological Survey: complete over entire grid area; 41 rock chip samples taken for assay.
3. Geochemical Survey: 836 soil samples taken on 100m lines with 25m station intervals over the entire grid; analysed for gold
4. Geophysical Surveys: the entire grid was covered by magnetic and VLF-EM surveys.

## 2. PROPERTY

### 2.1 Claims and Ownership

The Zandu Claim Group is comprised of two claim blocks as follows:

Claim Name	Rec. No.	Units	Date of Record	Year of Expiry
Yeti	2815	20	Jan 18, 1988	1989
Zandu	2036	6	May 31, 1984	1988

Consolidated Sea Gold Corp. have an Option and Joint Venture Agreement, dated August 19, 1986, with Carlin Resources Corp., both of Vancouver, B.C., to develop the claims.

### 2.2 Location and Access

The south-west corner of the property is located 4 km due north of the town of Hedley, B.C. The western boundary intersects two Crown-granted mineral claims owned by Mascot Gold Mines, while the southern boundary abuts the main property of Mascot, just 3 km north-west of their open pit mine that has been recently put into production.

Access to the northern part of the property can be gained by the steep four-wheel drive logging road into Hedley Creek from Nickel Plate Lake. The old road up Hedley Creek provides access to the west side of the claims, but only by foot, as floods have destroyed the many bridges on this section of road. A new four-wheel drive road provides access to within 100m of the eastern property boundary.

### 2.3 Physiography

Most of the property consists of moderate to very steep slopes facing west or north-west into Hedley Creek. North-west of Hedley Creek moderate to steep slopes face south-east into Hedley Creek. Several small tributary creeks drain the property into Hedley Creek, and form sharp, steep gullies. Two tributaries with their headwaters on Lookout Mountain supply the south-east part of the property, while the north-west is supplied by an intermittent tributary.

The elevation ranges from 2200 feet in the south-west along Hedley Creek to 4500 feet in the south-east and north-west. Most of the property is covered by a light, sparse forest, and outcrop is plentiful.



### 3. HISTORY

#### 3.1 Regional History

The Similkameen River has been known as a source of placer gold since the mid-eighteen-hundreds, with significant production occurring until 1890.

Major quantities of lode gold were discovered on Nickel Plate Mountain above Hedley in the 1890's and was mined more or less continuously until 1955. Other significant gold occurrences have been widely distributed in the Hedley area and include the French Mine, Canty Mine, Good Hope Mine, Amalgamated Mine as well as at Banbury Gold Mine. A large number of minor gold showings have been discovered throughout the region.

Approximately fifty-three million grams of gold have been won from the various ore bodies, with the majority of that being from the Nickel Plate and Mascot Mines.

The region has been mapped at a reconnaissance scale several times since the discovery of gold. Camsell in 1910, Bostock in the 1930's and more recently Ray have worked out the regional sedimentary, intrusive, and metamorphic assemblages in the area.

The area has recently been under intense scrutiny with the re-opening of Mascot Mines as an open pit operation. Current open pit reserves total 8.9 million tonnes grading 4.56 grams per tonne gold.

#### 3.2 Property History

Before the current exploration program, little or no systematic exploration had been carried out on the property. Several very old scars may represent pits excavated by early prospectors but other than this the property has been left virtually unevaluated.

#### 4. GEOLOGY

##### 4.1 Regional Geology

Several generations of regional scale mapping have occurred in the Hedley area. Camsell in 1910, Bostock in the 1930's and Ray in the 1980's have all added to the understanding of the geology and mineral deposits of the district.

Gerry Ray of the Ministry of Energy, Mines and Petroleum Resources, has just completed an extensive three-year mapping project on the Hedley area and has produced a geological map at the scale of 1:20,000. The regional geology is fairly complex, but can be summarized in general terms. The Upper Triassic Nicola Group back-arc basin sediments and volcano-sediments have been invaded by several intrusive stages with local concomitant metamorphism and have undergone at least two major structural phases. These form the major gold ore controls in the region, combining to produce a variety of geological environments that host skarn, vein, and porphyry-type deposits.

The country rocks have been broken down by Ray into three major sequences known as the Peachland Creek formation, the Hedley Sequence, and the Whistle Creek Sequence. The Peachland Creek formation is the basal unit of the Nicola Group and is only present north of the Similkameen River.

The Hedley Sequence is 100 to 700m thick in which three east to west facies changes have been identified by Ray as follows:

"The easternmost and most proximal facies, informally called the French Mine formation, has a maximum thickness of 150 metres and comprises massive to bedded limestone interlayered with thinner units of calcareous siltstone, chert-pebble conglomerate, tuff, limestone-boulder conglomerate and limestone breccia. The formation hosts the auriferous skarn mineralization at the French and Goodhope Mines.

The Hedley formation, further west, "hosts the gold-bearing skarn at the Nickel Plate mine. The Hedley formation is 400 to 500 metres thick and characterized by thinly bedded, turbiditic calcareous siltstone and units of pure to gritty, massive to bedded limestone that reach 75 metres in thickness and several kilometres in strike length. The formation also includes lesser amounts of argillite, conglomerate and bedded tuff: locally the lowermost portion includes minor chert-pebble conglomerate.

The Stemwinder formation, "the westernmost, more distal facies ...is at least 700 m thick and characterized by a monotonous sequence of black, organic-rich, thinly bedded calcareous argillite and turbiditic siltstone, minor amounts of siliceous fine-grained tuff and dark impure limestone beds that seldom exceed 3 metres in thickness."

#### 4.1 Regional Geology continued

The Whistle Creek Sequence overlies the Hedley Sequence. It is comprised of a basal unit, called the Copperfield conglomerate, and the Whistle Creek formation. These are described by Ray as follows:

The Copperfield conglomerate is "a limestone-boulder conglomerate that forms the most distinctive and important stratigraphic marker horizon in the district. The conglomerate is well developed west of Hedley where it forms a northerly trending, steeply dipping unit that is traceable for over 15 kilometres along strike. The same conglomerate outcrops in small areas within up-faulted slices along Pettigrew creek to the south, and as outliers near Nickel Plate and Lookout Mountains to the east.

"It locally reaches 200 metres in thickness but is often less than 10 metres wide. It varies from clast to matrix-supported and is characterized by abundant, well-rounded to angular pebbles, cobbles and boulders of limestone, generally up to 1 metre in diameter. Rare limestone blocks up to 15 metres in diameter are locally present, usually at the base of the unit.

"The Copperfield conglomerate is interpreted to be an olistostrome, presumably derived from an upslope source to the east. Locally the larger limestone blocks were autobrecciated during their catastrophic downslope movement and some large siltstone clasts exhibit soft-sediment deformation structures, suggesting they were unconsolidated when incorporated into the conglomerate.

The Whistle Creek formation "is 700 to 1200 metres thick and distinguishable from the underlying rocks by general lack of limestones and a predominance of andesitic volcaniclastic material. Its lower portion contains tuffaceous, often turbiditic siltstone and rare argillite, but the upper part of the succession is characterized by bedded to massive crystal ash and lapilli tuff with minor volcanic breccia."

There are two main plutonic suites that invade the Nicola country rocks. These are the early Jurassic Hedley intrusions and the somewhat later early Jurassic granodiorite-quartz monzonite intrusions.

The Hedley intrusions are the oldest known in the region. They are economically important and are the source of the gold mineralization in the Hedley camp. They are variable in both composition and texture. The Hedley intrusions generally form elongate stocks up to 3 km long and sill-dyke swarms with the sills and dykes being from 10 cm to 200 m thick.

#### 4.1 Regional Geology continued

"The sills and dykes are coarse grained and massive diorites and quartz diorites with minor gabbro, while the stocks range from gabbro through granodiorite to quartz monzonite. Many of the sills and dykes are porphyritic and characterized by coarse phenocrysts of hornblende and zoned plagioclase. When unaltered they are dark coloured, commonly contain minor disseminations of pyrite and pyrrhotite and are often rusty weathering".

(Ray)

The Hedley intrusives are genetically related to the skarn development in the Nicola rocks.

The granodiorite-quartz monzonite intrusions generally form large batholithic bodies and major apophyses that are coarse-grained and massive in nature.

Regional structure is described by Ray as follows:

"Following lithification of the Nicola Group rocks, two distinct phases of folding took place but the relative age of these phases is uncertain. One phase resulted in a major, north-northeasterly striking, easterly overturned asymmetric anticline which is the dominant structure in the district. The axial plane of the fold dips steeply west, the axis runs subparallel to Cahill Creek, and the core of the anticline is occupied by both the Cahill Creek pluton and rocks of the Peachland Creek formation. A related, but poorly developed, northerly striking axial planar cleavage is present in some argillites and the axes of smaller scale folds related to this deformation dip gently north and south.

"The asymmetric anticlinal folding was accompanied by the development of several high-angle, easterly directed, northerly striking reverse faults. The largest of these faults makes up the Cahill Creek fracture zone which runs subparallel to both Cahill Creek and the axial plane of the major antiform. Along the Cahill Creek fracture zone, rocks of the Peachland Creek formation were upthrown eastwards against overturned, easterly younging Whistle Creek formation; this suggests an overall vertical movement of at least 400 to 500 metres (the estimated thickness of the Hedley formation at this location). Further west, a similar westerly dipping fracture, the northerly trending Bradshaw fault, is related to a major monoclinial flexure in the sedimentary rocks. Along the Bradshaw fault, steeply dipping rocks of the Stemwinder Mountain formation are upthrown against the gently dipping Hedley formation to the east."

#### 4.1 Regional Geology continued

"The other phase of folding recognized in the district is economically important as it took place during the emplacement of the Hedley intrusions and partly controlled the late magmatic auriferous skarn mineralization. It produced the small-scale northwesterly striking, gently plunging gold structures that are an ore control at the Nickel Plate Mine as well as a series of westerly to northwesterly trending fractures. Although there was little movement along these fractures, they did control the emplacement of the Hedley intrusive dykes and the elongate Banbury, Stemwinder and Toronto stocks".

#### 4.2 Property Geology

During the 1987 field season, the Yeti and Zandu grid was geologically mapped at a scale of 1:5000 by David Pawliuk, Geologist. Grid lines 100m apart with 25m stations were established over the entire southern third of the property to accommodate a systematic, fairly detailed approach. Forty-one rock chip samples were taken by Pawliuk for analysis, and these are presented in Appendices Ia, and Ib.

The property geology can be briefly summarized in the following way: the southern part of the property consists of sediments of the Hedley formation that have been intruded by Hedley diorites, while the northern part of the claims are underlain by Similkameen batholithic granites and granodiorites. A more comprehensive description of the units is provided below.

##### 4.2a Stratigraphic Units

The oldest rocks on the property are Hedley formation sediments. These are primarily interbedded argillites, limestones, and cherty rocks, units 1, 2, and 3 on the 1:5000 geology map. Structure in these sediments is complex, as judged by bedding attitudes, with a high degree of folding, and probably faulting as well. The whole package seems to trend roughly north, and dips steeply to shallowly west, and appears to be folded along fairly steep west-north-west axial planes that are roughly 300m apart. There are numerous structural complexities that complicate this model, however, and more structural information must be obtained before the folding and faulting is understood with any degree of detail. It should be pointed out that this WNW trend is parallel to both the attitude of the main intrusive contacts on the property as well as the trend of economically important folding within the Mascot Mine, 4 km to the south-east on the same line of strike.

#### 4.2a Stratigraphic Units continued

The following are descriptions of the Stratigraphic units taken from a brief geological summary by Pawliuk:

##### ARGILLITE

Dark grey to black argillite outcrops are present at western YETI grid area. Argillite is generally bedded on a cm scale with chert or, less commonly, limestone interbeds. Argillite often has a dark brown weathered surface and where cherty breaks with conchoidal fracture.

Argillite contains up to 1 or 2% pyrrhotite and/or pyrite at several locales within YETI grid area. Cherty black argillite at 4780N, 3100E contains up to 4% combined pyrrhotite and pyrite; the pyrrhotite is disseminated and lines hairline fractures and the pyrite occurs mainly along hairline fractures. Cherty black argillite at 4090N, 3470E contains 1 to 2% disseminated pyrrhotite and up to 5% pyrite as veinlets and irregular masses to 5 mm across; a sample was collected for geochemical analysis.

##### LIMESTONE

Pale grey to pale brown to off-white limestone occurs throughout south-western YETI grid area. The rock is generally microcrystalline but in a few places is crystalline with individual crystals averaging about 1mm in length. Limestone is usually bedded on a cm scale but where crystalline it tends to be thickly bedded or massive. Limestone usually contains interbeds of chert and argillite, and can be cherty or argillitic.

Weakly brecciated, argillitic limestone at 4590N, 4415E contains a pyrrhotite mass 3mm by 6mm. No other sulphide mineral occurrences were observed within limestone at YETI grid area.

##### CHERT, QUARTZITE

Pale grey to pale green to pale brown to off-white to rarely bright green chert and quartzite outcrop throughout south-western YETI grid area. Chert and quartzite are usually thinly bedded on a cm scale but locally are bedded on a mm scale or are massive. These rocks trend north-northwesterly and have moderate dips to the west at most places bedding attitudes are discernible. Chert and quartzite usually contain local, minor interbeds of dark grey argillite or, less commonly, pale grey limestone. Chert and quartzite are hard, well cemented rocks that break with conchoidal fracture. Grain boundaries within quartzite are faint and this rock has been indurated by silica.

## 4.2a Stratigraphic Units continued

"Chert and quartzite have locally been recrystallized or altered to marble near igneous intrusions. These recrystallized rocks often have a green colour.

Chert and quartzite contain 1 or 2% very finely disseminated pyrrhotite in many locales. The rocks less commonly contain up to 5% disseminated pyrrhotite. Pyrite often occurs with pyrrhotite but usually is less abundant than pyrrhotite. Chert at 440N, 4525E locally contains up to 25% combined pyrrhotite, pyrite and ? chalcopyrite. Chalcopyrite, malachite and azurite are present in chert at 4300N, 4765E along a fracture surface also lined by pyrite. Sulphide minerals tend to be confined to particular beds within the sedimentary sequence; mineralized beds often are separated by barren ones. Sulphides are predominantly disseminated but here and there line hairline fracture surfaces within chert and quartzite.

## 4.2b Intrusive Units

Crosscutting all members of the stratigraphic sequence and sandwiched between the granite to the north and the sediments to the south is a small stock of Hedley diorite. Many smaller dykes and plugs of diorite intrude the sediments throughout the grid area. This stock has been labelled the Yeti Diorite. It is 100m to 200m wide and 1300m long, having irregular contacts. The western end of another small diorite stock was mapped just east of the claim boundary along the strike of the axis of the Yeti Diorite. The following description is taken from Pawliuk:

"DIORITE

Pale greenish grey to grey to dark grey-green, medium to fine-grained massive diorite intrudes sediments at YETI grid area. The diorite is variable in composition from a quartz diorite containing about 15% hornblende to hornblende-rich (70%) gabbro. Diorite forms irregular stocks and dykes; discrete contacts with the sedimentary wallrocks. Fine-grained quartz diorite is locally porphyritic with lath-shaped hornblende phenocrysts 2 to 5mm in length. Quartz diorite is slightly foliated at 4340N, 5000E.

In many places diorite contains 1 or 2% and rarely as much as 5%, disseminated pyrrhotite. Gabbro at 5070N, 3510E was sampled for geochemical analysis. This rock contains 2 to 5 per cent combined disseminated pyrite and pyrrhotite and local, irregular, off-white quartz veinlets.

## 4.2b Intrusive Units continued

The sediments and diorite are cut off to the north by a roughly east-west oriented granite batholith. This is described by Pawliuk as follows:

"GRANITE

Pale greyish cream to pale orange to greyish pink, medium to locally fine and coarse-grained, massive granite exists in northern and eastern YETI grid area. The rock contains about 3 to 6% black biotite flakes up to 6mm across, 15 to 40% pale grey to clear quartz and about 57 to 80% feldspar as crystals up to 13mm long. Hornblende is rarely present, and forms less than 1% of the rock volume where it occurs.

At seven granite outcrops within 250m of the intrusive contact with diorite at northwestern YETI grid area, up to 75% of the feldspar within the granite has been altered to clay minerals. The granite is generally fresh-looking in other exposures.

Biotite flakes within granite are aligned along a weak foliation at a few locales within YETI grid area.

Granodiorite that is a phase of the granite occurs at a few places along the intrusive contact with diorite at north-central YETI grid area. The granodiorite has a gradational contact with granite. Granodiorite is light grey, medium to fine-grained and massive to locally weakly foliated. It is characterized by shiny black biotite flakes and pale grey to off-white feldspars.

Two prominent dyke types intrude all other rocks on the property and are thought to be Tertiary in age. Felsite dykes are numerous and form a swarm, while feldspar porphyry dykes are rare but distinctive. Pawliuk describes these in his summary as follows:

"FELSITE DYKES

Pale grey-green to light grey to pale brown-grey, aphanitic to very fine-grained felsite dykes occur throughout western YETI grid area. The dykes generally trend northerly and dip steeply; they are up to about 30m wide and average 1 to 5m in width. The dykes are massive except in a few places where they have been weakly to moderately foliated. The dykes are porphyritic. Blocky, cream-coloured feldspar phenocrysts up to a few mm long comprise up to about 3% of the rock volume. Green-black, lath-shaped hornblende phenocrysts up to 3mm long are also present in many of the dykes. The more siliceous felsite dykes are similar in appearance to quartzite. Feldspars within a brownish cream felsite dyke at 4310N, 3740E have largely been altered to clay minerals.



#### 4.2b Intrusive Units continued

"Felsite dykes locally contain pyrrhotite and, less commonly, pyrite traces. A dyke at 3800N, 3976E contains 2 to 5% combined disseminated pyrite and pyrrhotite; another at 4000N, 3390E contains 3% disseminated pyrrhotite.

#### FELDSPAR PORPHYRY DYKES

Green-grey to dark grey porphyry dykes generally strike northerly and dip steeply at YETI grid area. These dykes contain up to 10% off-white, blocky feldspar phenocrysts that average 1.5mm across and are up to 4mm long. Porphyry dykes are likely of intermediate composition.

A sample for geochemical analysis was collected from a porphyry dyke at 3995N, 4075E that contains 3 to 5% combined disseminated pyrite and pyrrhotite."

#### 4.2c Alteration

The rocks on the property south of the main intrusives are moderately hornfelsed. This is thought to be a product of the regional batholithic intrusions. A silicified contact aureole extends into the sediments south of the Yeti Diorite, and between the Yeti Diorite and the diorite stock to the east of the claim boundary. These rocks are characterized by a light green grey cherty to quartzitic appearance, generally have evidence of fluid migration through them, and original bedding is largely obliterated. It is thought that most rocks mapped as cherts or quartzites on the Yeti and Zandu claims are silicified argillites and marbles. However, because cherts are a constituent stratigraphic member of the Hedley formation, distinguishing between primary sediments and secondary silicification products becomes very difficult.

A few thin skarn beds are described by Pawliuk within this contact aureole. They are fine-grained and characterized by a red-green colour. The skarns are developed at the diorite contact and are very local.

## 5. GEOCHEMICAL SURVEY

Soil samples were taken on east-west lines 100m apart with 25m sample spacing along the lines. To the best of this author's knowledge, no surveys of this sort have been undertaken on the property in the past.

The soil samples were taken from the B-horizon wherever possible and analysed for gold. The results are presented in Appendix 2, and on Map No. 2. This soil horizon is characterized in the Hedley region by light red-brown to grey-brown color, and is from 10cm to 25cm deep. In many places on the grid, due to steep cliffs or large talus slopes, obtaining good soil samples was impossible.

Gold values in the soils ranged from 20 ppb to 980 ppb. Threshold values were set at 60, 120, 240, 480, and 960 ppb.

### 5.1 First Order Anomalous Zones

Two zones of primary importance were discovered by the survey. The trend of the first of these is as yet poorly defined due to poor soil conditions (i.e. abundant outcrop) in the area, but seems to lie in a WNW direction, parallel to the structure and the orientation of the Yeti Diorite. The other seems to lie in a northerly direction.

#### 5.1a Anomaly YZA

This anomaly is located in the south central part of the property and appears to extend in an ESE direction onto claims owned by Mascot Gold Mines. It is centered on line 4400N at station 4400E and appears to be at least 400m long. It consists of six anomalous samples ranging from 70 ppb gold to 480 ppb gold, with three values being over 150 ppb. The highest gold values were taken in the area that corresponds with rock chip sample 822 which ran 0.12 OPT. Sampling in this area was incomplete due to large areas of outcrop. The center of the anomaly lies in silicified rocks on the southern margin of the Yeti Diorite. Skarn beds were noted in this area by Pawliuk. This area also corresponds to a broad weak magnetic anomaly, and intersecting weak to moderate VLF-EM anomalies. This anomaly, coupled with the chip sample obtained from this area as well as the favourable geology is the most promising area of economic interest on the Yeti and Zandu claim block. A cat road could be extended into this area from the east to facilitate trenching and perhaps diamond drilling.

#### 5.1b Anomaly YZB

This anomaly is located near the western boundary of the claims in the north-west section of the grid. It consists of four samples ranging from 120 ppb gold to 930 ppb gold. It is centered on line 4900 at station 3400E and is at least 200m long. Again, the sampling is spotty in this area due to rock bluffs and talus, making definition of the anomaly difficult. The core of the anomaly lies in silicified rocks near the south contact of the Yeti Diorite and extends northward into it. Several rock chip samples taken in this area by Nigel Hulme, Geologist in 1986, were reported to have anomalous values in gold. This zone corresponds to a broad north-east trending strong magnetic high but has no VLF-EM response.

## 5.2 Second Order Anomalous Zones

Several anomalous zones with weaker gold values or single point values exist on the property. Most of these lie at or near claim boundaries and should only be looked at if exploration on the first order anomalous zones is encouraging.

## 6. GEOPHYSICAL SURVEYS

Magnetometer and VLF-EM surveys were completed over the entire grid area. Stations were on 100m lines at a distance of 25m apart.

### 6.1 Magnetic Survey

A Scintrex MP-2 portable proton precession magnetometer was used for the magnetic survey. Total magnetic field was measured in gammas, recorded, and plotted. A contour plan was prepared at a scale of 1:5000, with a contour interval of 200 gammas. Total field strength varied between 56,400 and 59,000 gammas, with most values between 56,800 and 57,800 gammas.

*Diurnal variations were not measured.*

The magnetic method of geophysical surveying consists of precisely measuring the resultant magnetic field produced by rock formations on the inherent earth's magnetism. The result varies with rock type (magnetic susceptibility) and rock history (magnetic field left in the rock due to prior magnetization).

The results of this survey have been used as an aid to geological mapping, and to identify zones of intense magnetism that may indicate deposits of pyrrhotite or magnetite. Pyrrhotite was encountered in a large number of rocks on the property, both sediments and intrusives, and is thought to mask the geological detail that would otherwise be evident. However, several generalizations can be made despite this fact.

North of the main intrusive contact the magnetics trend WNW and generally range from 57,000 gammas to 57,400 gammas. This is typical for granites and granodiorites of the region. Spot highs may indicate dykes, xenoliths, or underlying structures.

South of the main intrusive contact, in the Hedley formation sediments, the magnetics trend broadly north and range between 56,600 gammas and 57000 gammas. At roughly 3500E between lines 4100N and 4500N a large dyke of Hedley diorite within the sediments has created both strong magnetic highs and lows trending in a north-east direction. This also appears to be the case at 3150E, 4200N.

Along the Yeti Diorite, a moderate to strong noisy magnetic response is observed. Of particular interest are the high responses near to gold geochemical anomalies YZA and YZB. This may indicate an enhancement of sulphides, particularly pyrrhotite that are a primary association with gold mineralization in the Hedley region.

### 6.2 VLF-EM Survey

A Sabre Electronics Model 27 VLF-EM Receiver was used for the survey, while Seattle, Washington, at 24.8 KHZ was the VLF radio station selected for the Yeti-Zandu grid. Dip angle data was Fraser filtered and the major anomalies have been plotted on the magnetic survey plan.

The VLF-EM method utilizes the electromagnetic field transmitted through the earth's crust from a certain radio station. The signals are propagated with the magnetic component of the field being horizontal in

## 6.2 VLF-EM Survey continued

undisturbed areas. Contrasts of conductivity in the earth's crustal rocks cause secondary fields, producing a vertical component and changes in the strength of the electromagnetic field. These conductive areas may be located and qualitatively evaluated by measuring the parameters of this electromagnetic field.

Because of its relatively high frequency, the VLF-EM can pick up bodies of a much lower conductivity and therefore is more susceptible to clay beds, electrolyte-filling fault or shear zones and porous horizons, graphite, carbonaceous sediments, lithological contacts as well as sulphide bodies of too low a conductivity for other EM methods to pick up. Consequently the VLF-EM has additional uses in mapping structure and in picking up sulphide bodies of too low a conductivity for conventional EM methods and too small for induced polarization. (In places it can be used instead of I.P.) However, its susceptibility to lower conductive bodies results in a number of anomalies, many of them difficult to explain.

The major cause of the VLF-EM anomalies, as a rule, are geologic structures such as fault, shear and breccia zones. It is therefore logical to interpret VLF-EM anomalies to likely be caused by these structural zones. Of course, sulphides may also cause VLF-EM response. But generally in the western cordillera, when VLF-EM anomalies correlate with sulphide mineralization, the anomalies are usually reflecting the structure associated with the mineralization rather than the mineralization itself. This is not true if the sulphides are massive enough.

The strongest VLF-EM anomaly on the Yeti and Zandu claims lies along the southern claim boundary. It lies parallel with a series of bluffs on its western extremity and may be the structural weakness along which they formed. To the east, this major fault bends to the north-east and along with two other faults may be responsible for the large embayment of sediments within the granite as well as the interruption of ore bodies would be expected in this area.

Most other VLF-EM responses were weak, trending northerly. This direction correlates with both the attitudes of the sediments and dykes in the grid area.

## 7. DISCUSSION AND CONCLUSIONS

Results of the 1987 exploration program on the Yeti and Zandu claims are extremely encouraging. Two main zones of high economic potential were outlined by the season's work, including economic gold values obtained in one rock chip sample. A follow-up program is recommended.

The mapping of geology in a systematic way in the area of the grid has led to a more comprehensive understanding of the potential of the property. Several conclusions can be drawn:

1. Hedley formation limestones and argillites that have proven to be receptive to gold mineralization in the Hedley region occupy much of the southern half of the claims.
2. Several small stocks and large dykes intrude the stratigraphic package. Diorites have been demonstrated to be instrumental in the emplacement of gold ore bodies in the region.
3. Favourable ground preparation including silicification, alteration, fracturing, and fluid migration were observed throughout the grid area, but especially near to intrusive contacts.

The geochemical survey delineated several strong anomalous gold zones, indicating both that there has been gold introduced into the system of rocks (probably by the Hedley diorite) and that it has been concentrated by structures into discrete zones. Several very high values of gold in soils were obtained.

The geophysical surveys revealed several long, continuous structures of moderate to high intensity as well as the abundance of magnetic minerals, primarily pyrrhotite, which has a strong association with all of the gold bearing ore bodies of the region.

Of paramount interest on the claims is gold geochemical anomaly YZA, which has strong magnetic response in an area of structurally complex rocks, which is in favourable geology including metasomatically modified Hedley formation sediments adjacent to Hedley diorite. As well, skarning was observed in the immediate area.

Also of high interest is gold geochemical anomaly YZB, which is similar in many respects to anomaly YZA.

## 8. RECOMMENDATIONS

A follow-up exploration program in two phases should be undertaken on the Yeti and Zandu claims to further evaluate the zones of economic potential delineated in the 1987 program. Phase B should be undertaken contingent on the success of Phase A.

### 8.1 Phase A Program

1. Follow-up soils geochemical survey: this should include samples taken on a 25m by 25m grid around geochem anomalies YZA and YZB.
2. Detailed prospecting and geological mapping: this should be completed in the areas of the follow-up soils geochem survey.
3. Trenching: this should be undertaken on the YZA geochem anomaly. Access to this area would be from the east, with an extension to the existing cat road.

### 8.2 Phase B Program

1. Trenching: this should be undertaken on the YZB geochem anomaly. Access to the area with machines will be costly whether it comes from Hedley Creek or an extension to the existing cat road. The terrain is steep and rugged, while the road up Hedley Creek is in very poor condition.
2. Diamond drilling: this should be undertaken to define the grade and continuity of the structures encountered in the trenching program.

9. COST ESTIMATE OF PROPOSED PROGRAMS

9.1 Phase A Program

Follow-up Geochem Survey 300 samples @ \$15/sample	\$ 4,500.00
Geological Mapping and Prospecting 8 days @ \$300/day includes room and board	\$ 2,400.00
Assaying Rock Samples 100 samples @ \$15/sample	\$ 1,500.00
Road Building 70 hrs. bulldozer @ \$95/hr.	\$ 6,650.00
Trenching 200m @ \$20/m	\$ 4,000.00
Supervision 10 days @ \$300/day includes room and board	\$ 3,000.00
Vehicle 20 days @ \$50/day	\$ 1,000.00
Office supplies, report preparation	\$ 1,000.00
	<hr/>
	\$24,000.00
Contingencies @ 10%	<u>2,400.00</u>
Total cost of Phase A	<u>\$26,400.00</u>

9.2 Phase B Program

Road Building 150 hours bulldozer @ \$95/hr.	\$14,250.00
Trenching 300 m @ \$20/m	\$ 6,000.00
Diamond drilling 500m @ \$105/m	<u>\$52,500.00</u>
	\$72,750.00
Contingencies @ 10%	<u>7,275.00</u>
Total cost of Phase B	<u>\$80,025.00</u>



10. ITEMIZED COST STATEMENT FOR 1987 EXPENDITURE

Grid establishment	\$ 6,950.00
Geological mapping and sampling	\$ 3,165.63
Geochemical surveys	\$ 2,700.00
Geochemical analyses	\$ 6,977.76
Geophysical surveys	\$ 5,200.00
Road building	\$ 7,604.00
Supervision, engineering	\$ 3,400.00
Vehicles	\$ 4,467.00
Room and board	\$ 185.00
Supplies	\$ 3,170.22
Report preparation	<u>\$ 2,540.00</u>
Total Cost of 1987 Program	<u>\$46,359.61</u>

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GEOLOGIST'S CERTIFICATE

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

1. that I am a graduate of the University of British Columbia, 1978, and hold a B.Sc. degree in geology.
2. that I have been the geologist for Banbury Gold Mines Ltd. for the past 7 years.
3. that I have been active in the field of mineral exploration for the past 13 years.
4. that I am a Fellow of the Geological Association of Canada, membership #F5258.
5. that this report is based on observations made in the field on the Yeti and Zandu claims for Consolidated Sea Gold Corporation of Vancouver, B.C.
6. I have no direct or indirect interest in the Yeti or Zandu claims, nor in Consolidated Sea Gold Corporation, nor in Carlin Resources Ltd., nor do I expect to receive any interest as a result of writing this report.
7. I hereby grant my permission for Consolidated Sea Gold Corporation or Carlin Resources Ltd. to use this report for a prospectus or statement of material facts.

Dated at Hedley, B.C., this 20th day of April, 1988.



MICHAEL R. SANFORD  
GEOLOGIST

APPENDICES

- I. Geological Appendices
- II. Geochemical Appendix

## APPENDIX I.a

## ROCK SAMPLES FOR GEOCHEMICAL ANALYSIS

<u>SAMPLE NO.</u>	<u>SAMPLE LOCATION</u>	<u>DESCRIPTION</u>
801	3700N, 3785E	Rusty brown weathering, light green chert contains 2% finely disseminated pyrrhotite and pyrite along contact with intrusive diorite to north. Grab sample from few locales.
802	3800N, 3976E	Grey, porphyritic (off-white, blocky feldspar phenocrysts to 3mm long) felsite contains 2 to 5% combined disseminated pyrite and pyrrhotite. Grab sample. Wallrock chert with argillite interbeds.
803	3900N, 3274E	Grab sample of dark grey argillite locally 3% disseminated pyrrhotite.
804	3930N, 3100E	Grab sample of pale grey to greenish grey chert containing 2 to locally 10% disseminated pyrrhotite; rock has rusty weathered surface.
805	3995N, 4075E	Dark brownish grey feldspar porphyry dyke contains 3 to 5% disseminated pyrite and pyrrhotite. Grab sample. Wallrock argillite. Hand specimen also collected.
806	4000N, 3525E	Dark orange brown weathering, light grey chert contains 1% (locally 3%) combined pyrrhotite and pyrite both disseminated and lining fractures. Mineralized bed about 1m thick, at least 15m strike length. Quartz diorite dyke adjacent to mineralized chert bed contains 2% disseminated pyrrhotite; 2 pieces of this within analysis sample. Grab sample from few locales.
807	4000N, 3995E	Grey chert contains 3 to 5% pyrite mainly being hair-line fractures and also disseminated. Grab sample.
808	4090N,	Dark brown weathering, dark grey cherty argillite contains 1 to 2% disseminated pyrrhotite and up to 5% pyrite as veinlets and irregular masses up to 5mm across. Occurrence open on 3 sides. Grab sample from 4 places over 2m. Sample site 10m downslope from 1986 rock sample site ZR-19.
809	4125N, 3800E	Dark brown weathering, light grey chert contains about 3 to 4% combined disseminated pyrite and pyrrhotite. Mineralized zone about 2m by 5m, open one end. Grab sample from several locales.

<u>SAMPLE NO.</u>	<u>SAMPLE LOCATION</u>	<u>DESCRIPTION</u>
810	4200N, 4873E	Dark red-brown to black weathering, grey on fresh surface, felsite dyke, containing 3 to 5% pyrrhotite both finely disseminated and as rounded masses up to few mm diameter. Grab sample. Dyke 1.5m wide, open both ends.
811	4280N, 3485E	Pale greenish grey, porphyritic felsitedyke contains 3 to 6% disseminated pyrrhotite. Dyke about 1m wide, crosscuts bedding. Grab sample.
812	4300N, 3700E	Rusty weathering pale grey chert contains 2% to locally 5% combined disseminated pyrite and pyrrhotite. Mineralized outcrop about 2m by 8m, open 3 sides. Grab sample from few locales.
813	4300N, 4765E	Orange-brown to black weathering grey chert bed approximately 3-5cm thick contains about 3% combined disseminated pyrite and pyrrhotite. Grab sample from few locales. Malachite and traces azurite present over 8cm by 20cm area 5cm east of mineralized chert bed; some of this material added to sample.
814	4390N 4890E	Bright green chert/quartzite with local calate lining hairline fractures contains locally 2% pyrrhotite. Grab sample.
815	4400N, 3785E	Dark brown to orange weathering, light grey chert contains 1 to 3% disseminated pyrrhotite and rare pyrite masses up to 1mm by 3mm. Rock massive and in places appears to be siliceous felsite dyke, but it is probably partly recrystallized chert. Grab sample from several locales.
816	4400N, 4040E	Rusty orange-brown weathering, pale green-grey chert contains up to about 1% combined pyrrhotite and pyrite, both finely disseminated and lining faint hairline fractures. Mineralized zone about 2m wide by 10m long. Grab sample from several locales.
817	4400N, 4525E	Pale grey-green chert contains 2 to 4% disseminated pyrrhotite over area about 8m by 15m, not continuously exposed. Chert recrystallized in part, possibly near intrusive contact. Grab sample.
818	4400N, 4823E	Rusty brown weathering, pale grey to pale brown chert locally contains 30% disseminated pyrrhotite and local traces pyrite. Grab sample from few locales across 3m. Rusty weathering bands 2 to 10cm wide, likely parallel bedding, abundant near sample site.

<u>SAMPLE NO.</u>	<u>SAMPLE LOCATION</u>	<u>DESCRIPTION</u>
819	4407N, 4752E	Pale greyish green calcareous chert bed about 25cm thick within limestones contains locally to 4% combined pyrrhotite and pyrite (and chalcopyrite?). Grab sample.
820	4410N, 4150E	Local brown iron oxides on weathered surface of green, recrystallized chert which contains locally 2% disseminated pyrrhotite. Local argillitic beds and also local brown translucent crystals of ankerite? to few mm long.
821	4410N, 4455E	Green-grey, fine to medium grained siliceous granodiorite locally contains 5% pyrrhotite and 1% pyrite as irregular masses and lining fractures. Grab sample.
822	4440N, 4385E	Black to orange-brown weathering, pale green-grey chert contains up to 3% combined disseminated pyrrhotite and pyrite throughout, and at one place up to 25% pyrrhotite and 2% pyrite where rock appears to be skarn over 12cm. Entire mineralized unit, about 1.5m wide, 7m long, open one end and both sides. No calcite where tested with HCl. Grab sample.
823	4440N, 4525E	Green to pale grey chert locally contains up to 25% combined disseminated pyrrhotite, pyrite and ? chalcopyrite. Dark grey argillite interbeds up to few cm thick within mineralized chert. Grab sample from 3 or 4 locales within area about 5m by 5m.
824	4460N, 4830E	Rusty red-brown weathering, light greenish grey fine grained quartzite locally contains about 1% combined disseminated pyrite and pyrrhotite. Location about 40 m southeast of old trench. Grab sample.
825	4470N, 4800E	Rusty weathering, pale green, finely laminated, calcareous, recrystallized chert locally contains up to 5% disseminated pyrrhotite. Discontinuous chip sample across 3m along southeastern side of old trench excavated within mineralized chert.
826	4495N, 4710E	Grab sample taken from several locales within old (at least 15 years old) trench excavated in rusty brown weathering, green chert which contains locally to 3 or 4% disseminated pyrrhotite and locally to 1% disseminated pyrite. Rare chalcopyrite? or weathered pyrite present along irregular fractures as seams up to 1mm wide and 20mm long. No malachite nor azurite observed.

<u>SAMPLE NO.</u>	<u>SAMPLE LOCATION</u>	<u>DESCRIPTION</u>
827	4500N, 4845E	Local rusty weathering light green to off-white finely laminated, calcareous chert contains local traces pyrite. Outcrop area 2m by 1m. Grab sample.
828	4500N, 4885E	Rusty brown weathering, medium grey, fine grained quartz diorite contains about 1% very finely disseminated pyrrhotite (?). Grab sample.
829	4600N, 4540E	Bright green to off-white chert contains local traces disseminated pyrrhotite and locally up to 2% disseminated pyrite. Grab sample from 3 locales.
830	4610N, 4610E	Pale greyish green to bright green chert contains locally to 5% combined disseminated pyrite and pyrrhotite. Grab sample.
831	4690N, 4175E	Brown to yellow-brown weathering, dark green chert locally contains 2% disseminated pyrrhotite and traces pyrite. Some argillite beds present. Chert re-crystallized, collected near contact with intrusive diorite. Grab sample from few locales over 4m exposure.
832	4700N, 3070E	Brown to yellow-green weathering, light brown to green and grey felsite at base of cliffs facing 20 Mile Creek. Felsite contains 3% disseminated pyrrhotite and locally 2% pyrite as irregular masses to about 3mm across; cherts adjacent to intrusive felsite also mineralized. Mineralized zone about 2m wide and 10m in height along subvertical felsite dyke.
833	4700N, 3608E	Bright green chert contains up to 5% combined disseminated pyrrhotite and pyrite within 2m of contact with intrusive quartz diorite to west. Grab sample.
834	4700N, 4680E	Rusty brown weathering, green chert and very fine-grained quartzite locally contains 2 to 5% disseminated pyrrhotite. Grab sample.
835	4710N, 4720E	Brown iron oxides on weathered fracture surfaces of greenish grey, medium-grained quartzite containing about 0.5% pyrrhotite and local traces pyrite. Grab sample from 4 locales.
836	4780N, 3100E	Black cherty argillite contains up to 4% combined pyrrhotite (disseminated and lining hairline fractures) and pyrite (mainly lining fractures). Exposed outcrop area about 1m by 1m. Grab sample.



<u>SAMPLE NO.</u>	<u>SAMPLE LOCATION</u>	<u>DESCRIPTION</u>
837	4790N, 3415E	Pale to medium grey interbedded chert and argillite locally contain up to 2% combined very finely disseminated pyrite and pyrrhotite. Rocks locally calcareous. Grab sample from few locales within mineralized area about 2m by 2m.
838	4900N, 3428E	Pale green to off-white chert contains up to 5% combined disseminated pyrrhotite and pyrite. Brown and greenish yellow iron oxides on weathered outcrop surface. Mineralized band about 0.5m wide, 4m long, open both ends. Grab sample from few locales.
839	4940N, 3380E	Grey cherty argillite contains about 2% disseminated pyrrhotite and locally 1% pyrite along fractures. Argillite weakly brecciated. Grab sample from few locales over 2m.
840	5000N, 3897E	Greyish green, very fine-grained, equigranular felsite(?) contains traces very finely disseminated sulphide (?pyrrhotite). Local calcite along discontinuous, hairline fractures. Grab sample.
841	5070N, 3510E	Brown-orange weathering, dark grey gabbro contains 2 to 5% combined disseminated pyrite and pyrrhotite over zone about 20cm wide and 2m long. Local off-white, fine, irregular quartz veinlets. Grab sample.

**CERTIFICATE OF ASSAY**

Date: January 20, 1988



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File: 8712-0255

TO: BANBURY GOLD MINES LTD.  
 302 - 540 Burrard Street  
 Vancouver, B.C.  
 V6C 2K1

We hereby certify that the following are the results of assays on: **Ore**

MARKED	GOLD	SILVER	SAMPLE NO.	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				
	oz/st							
Project: YETI								
3700N 3785E	0.005		801					
3800N 3976E	0.002		802					
3900N 3274E	0.002		803					
3939N 3100E	0.002		804					
3995N 4075E	0.002		805					
4000N 3525E	0.002		806					
4000N 3995E	0.002		807					
4090N 3470E	0.002		808					
4125N 3800E	0.002		809					
4200N 4873E	0.002		810					
4280N 3485E	0.003		811					
4300N 4700E	0.002		812					
4300N 4765E	0.003		813					
390N 4890E	0.003		814					
4400N 3785E	0.002		815					
4400N 4040E	0.005		816					
4400N 4525E	0.002		817					
4400N 4823E	0.002		818					
4407N 4572E	0.005		819					
4410N 4150E	0.002		820					
4410N 4455E	0.008		821					
4440N 4385E	0.121		822					
4440N 4525E	0.005		823					
4460N 4830E	0.002		824					
4470N 4800E	0.002		825					
4495N 4710E	0.002		826					
4500N 4845E	0.002		827					
4500N 4885E	0.002		828					
4600N 4540E	0.008		829					
4610N 4610E/4540E?	0.008		830					
4690N 4175E	0.002		831					
4700N 3070E	0.002		832					
4700N 3608E	0.002		833					
4700N 4680E	0.002		834					
4710N 4720E	0.002		835					

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*L. Wong*  
 PROVINCIAL ASSAYER

*Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers*

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association  
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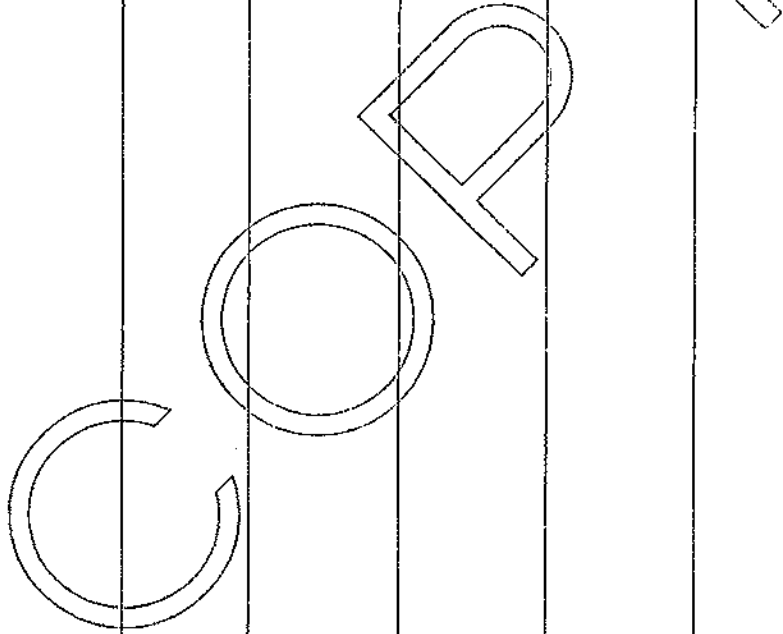
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( page 2 )

We hereby certify that the following are the results of assays on: Ore

MARKED	GOLD	SILVER	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
	oz/st	XXXXXXXXXX	SAMPLE NO.					
Project: YETI								
4780 N 3100E	0.002		836					
4790N 3415E	0.003		837					
4900N 3428E	0.002		838					
4940N 3380E	0.002		839					
5000N 3897E	0.002		840					
5070N 3510E	0.002		841					

cc. Mr. Mike Sanford, Hedley, B.C.



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Date: January 15, 1988



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File: 8711-2360

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Vancouver, B.C.  
V6C 2K1

We hereby certify that the following are the results of assays on: soil samples

MARKED	GOLD		SILVER		SAMPLE MARKED:	GOLD
	Au (ppm)					
3700 N 3500 E	0.02				3900 N 3257 E	0.02
3525	0.02				3975	0.02
3550	0.02				4000 E	0.02
3575	0.03					
3650	0.18				4000 N 3100 E	0.02
3675	0.02				3125	0.02
3725	0.09				3150	0.02
3750	0.02				3200	0.02
3800	0.02				3225	0.02
3825	0.02				3250	0.02
3850	0.02				3275	0.02
3875	0.02				3300	0.03
3900	0.02				3325	0.02
3925	0.02				3350	0.02
3950	0.02				3400	0.02
3975	0.02				3425	0.02
4000 E	0.02				3525	0.02
					3550	0.02
3800 N 3500 E	0.02				3575	0.02
3525	0.03				3600	0.02
3550	0.03				3625	0.02
3575	0.02				3650	0.03
3600	0.02				3675	0.03
3625	0.02				3700	0.03
3650	0.02				3725	0.03
3675	0.03				3750	0.04
3700	0.02				3775	0.03
3725	0.02				3800	0.02
3750	0.02				3850	0.03
3775	0.02				3950	0.03
3850	0.02				3975	0.03
3900	0.02				4000 E	0.02
3925	0.02					
4000 E	0.02					

/ continued on page 2 .....

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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*L. Wong*  
PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association  
REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society  
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

**CERTIFICATE OF ASSAY**

31.

Date: January 15, 1988

File: 8711-2360



**SGS SUPERVISION SERVICES INC.**

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD MINES LTD.

( page 2 )

We hereby certify that the following are the results of assays on: soil samples

MARKED	XXXXXXXXXXXXXXXXXXXXXXXXXXXX				SAMPLE MARKED:	GOLD	
	Au (ppm)					Au (ppm)	
4100 N    3100 E	0.02				4200 N    3250 E	0.02	
3125	0.02				3275	0.04	
3150	0.02				3375	0.03	
3175	0.02				3400	0.03	
3200	0.02				3425	0.04	
3250	0.02				3450	0.02	
3275	0.02				3475	0.02	
3300	0.02				3500 (A)	0.02	
3325	0.02				3500 (B)	0.02	
3350	0.02				3525 (A)	0.02	
3375	0.02				3525 (B)	0.02	
3400	0.02				3550	0.02	
3425	0.02				3575	0.02	
3475	0.02				3675	0.02	
3500	0.02				3700	0.02	
3575	0.02				3750	0.02	
3600	0.02				3800	0.02	
3625	0.02				3825	0.02	
3650	0.02				3850	0.02	
3675	0.03				3875	0.02	
3700	0.02				3900	0.02	
3725	0.02				3925	0.02	
3750	0.02				3975	0.02	
3775	0.02				4000	0.02	
3800	0.06				4025 E	0.02	
3825	0.02						
3875	0.03				4500 N    3100 E	0.02	
3900	0.02				4500 W    3125 E	0.02	
3925 (A)	0.02				3150	0.02	
3925 (B)	0.02				3175	0.02	
3950	0.02				3200	0.02	
3975	0.02				3225	0.02	
4000 E	0.02				3250	0.02	
					3275	0.02	
4200 N    3150 E	0.04				3300	0.02	
3175	0.04				3325	0.02	
3200	0.04				3350 E	0.02	
3225	0.02						

/ continued on page 3

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*L. Wong*

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OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

**CERTIFICATE OF ASSAY**

Date: January 15, 1988

File: 8711-2360



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General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

BANBURY GOLD MINES LTD.

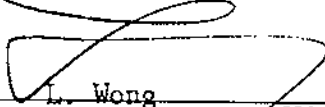
( page 3 )

We hereby certify that the following are the results of assays on: soil samples

MARKED	GOLD				SAMPLE MARKED:	GOLD:
	Au (ppm)	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX		
4500 W 3375 E	0.02				4600 N 3650 E	0.02
3400 (A)	0.02				3675	0.02
3400 (B)	0.02				3700	0.02
3425	0.02				3725	0.02
3475	0.02				3750	0.02
3500	0.03				3775	0.02
3525	0.02				3800	0.02
3550	0.02				3825	0.02
3575	0.02				3850	0.02
3600	0.02				3875	0.02
3625	0.02				3900	0.02
3650	0.02				3925	0.02
3675	0.02				3950	0.02
3700	0.02				3975	0.02
3725	0.02					
3750	0.02				4700 N 5525 E	0.02
3775	0.02				5550	0.02
3800	0.02				5600	0.02
3825	0.03				5625	0.02
3850	0.02				5650	0.02
3875	0.02				5675	0.02
3900	0.03				5700	0.02
3925	0.04				5725	0.02
3950	0.03				5750	0.02
3975	0.02				5775	0.02
4000	0.02				5800	0.02
4025	0.02				5825	0.02
4050	0.02				5850	0.02
4075	0.02				5875	0.02
4100	0.02				5900	0.02
4125	0.02				5925	0.02
4150	0.02				5950	0.02
4175	0.02				5975	0.03
4200 W 4200 E	0.02				6000	0.02
4600N 3600 E	0.03				6050	0.02
3625	0.03				6075	0.02
					6100	0.02

/ continued on page 4 .....

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 L. Wong  
 PROVINCIAL ASSAYER

**CERTIFICATE OF ASSAY**

Date: January 15, 1988

File: 8711-2360



**SGS SUPERVISION SERVICES INC.**

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD MINES LTD.

( page 4 )

We hereby certify that the following are the results of assays on: soil samples

MARKED		GOLD	SILVER	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	SAMPLE MARKED:	GOLD	
		Au (ppm)						Au (ppm)	
4700 N	6150 E	0.02					5000 N	3400 E	0.19
	6225	0.02						3425	0.12
	6250	0.02						3450	0.03
	6275	0.02						3475	0.02
	6300	0.02						3500	0.02
	6325	0.02						3525	0.02
	6400	0.02						3550	0.12
	6425	0.02						3575	0.03
	6450	0.03						3600	0.02
	6475	0.02						3625	0.02
	6500	0.02						3650	0.02
								3675	0.02
4800 N	3100 E	0.02						3700	0.02
	3125	0.02						3725	0.02
	3150	0.02						3750	0.02
	3175	0.02						3775	0.02
	3200	0.02						3800	0.02
	3325	0.02						3825	0.02
	3350	0.02						3850	0.02
	3400	0.02						3975	0.02
	3425	0.02						3900	0.02
	3450	0.02						3925	0.02
	3475	0.02						3950	0.02
								3975	0.02
4900 N	3100 E	0.02						4000	0.02
	3125	0.02						4025	0.02
	3200	0.02						4050	0.02
	3225	0.02						4075	0.02
	3250	0.02						4100	0.02
	3275	0.02						4125	0.02
	3325	0.02						4150	0.02
	3350	0.02						4175	0.02
	3375	0.02						4200	0.03
	3400	0.93						4225	0.04
	3425	0.04						4250	0.02
	3475	0.04						4275	0.02
	3500	0.03						4300	0.02
	3525	0.02							
	3600	0.02							

CONTACTED  
L. Wong  
JAN-26/88  
CONFIRMED

/ continued on page 5 .....

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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L. Wong

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association  
REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society  
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

CERTIFICATE OF ASSAY

Date: January 15, 1988

File: 8711-2360



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street, Vancouver, B.C., Canada. V6A 1W2

Telephone: (604) 254-1647

Telex: 04-507514

BANBURY GOLD MINES LTD.

( page 5 )

We hereby certify that the following are the results of assays on: soil samples

MARKED	XXXXXXXXXXXXXXXXXXXX					SAMPLE MARKED:	GOLD Au (ppm)
	GOLD Au (ppm)						
5000 N 4325 E	0.02					5000 N 5350 E	0.03
4350	0.02					5375	0.02
4375	0.02					5400	0.02
4400	0.02					5425	0.03
4425	0.02					5450	0.03
4450	0.02					5475	0.02
4475	0.02					5500	0.02
4500	0.02						
4525	0.02						
4550	0.02						
4575	0.02						
4625	0.02						
4700	0.02						
4725	0.02						
4750	0.02						
4775	0.02						
4800	0.02						
4825	0.02						
4850	0.02						
4875	0.02						
4925	0.02						
4950	0.02						
4975	0.02						
5050	0.02						
5075	0.02						
5100	0.02						
5125	0.02						
5150	0.02						
5175	0.02						
5225	0.02						
5250	0.02						
5275	0.02						
5300	0.02						
5325	0.02						

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**CERTIFICATE OF ASSAY**

Date: December 14, 1987

File: 8711-1756



**SGS SUPERVISION SERVICES INC.**

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD MINES LTD.  
302 - 540 Burrard Street  
Vancouver, B.C.  
V6C 2K1

We hereby certify that the following are the results of assays on: soil samples

MARKED	GOLD					SAMPLE MARKED:	GOLD
	Au (ppm)						
<u>4300 N</u>						<u>4300 N</u>	
3100 E	0.32					4075 E	0.02
3125	0.02					4100	0.02
3150	0.02					4125	0.02
3175	0.02					4150	0.02
3200	0.02					4200	0.03
3225	0.02					4250	0.02
3250	0.02					4300	0.02
3275	0.03					4325	0.02
3300	0.03					4350	0.02
3325	0.02					4400	0.03
3350	0.02					4525	0.05
3375	0.02					4600	0.08
3475	0.02					4650	0.12
3500	0.03					4700	0.16
3525	0.02					4725	0.02
3550	0.02					4775	0.04
3575	0.02					4850	0.02
3600	0.02					4875	0.02
3625	0.02					4925	0.02
3650	0.02					4950	0.02
3675	0.02						
3700	0.05						
3725	0.02					<u>4400 N</u>	
3750	0.02					3125 E	0.02
3775	0.02					3150	0.02
3800	0.02					3175	0.02
3825	0.02					3200	0.02
3850	0.02					3225	0.02
3875	0.02					3250	0.02
3900	0.02					3275	0.02
3925	0.02					3300	0.02
3950	0.02					3325	0.02
4000 (A)	0.02					3350	0.02
4000 (B)	0.02						
4025	0.02						
4050	0.02						

/ continued on page 2.....

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

**CERTIFICATE OF ASSAY**

Date: December 14, 1987

File: 8711-1756



**SGS SUPERVISION SERVICES INC.**

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD MINES LTD.

( page 2 )

We hereby certify that the following are the results of assays on: soil samples

MARKED	GOLD	SILVER	SAMPLE MARKED:	GOLD
	Au (ppm)			Au (ppm)
<u>4400 N</u>			<u>4400 N</u>	
3450 E	0.02		4925 E	0.02
3475	0.02		4950	0.02
3500	0.02		4975	0.02
3550	0.02		5000	0.02
3575	0.02			
3600	0.02		<u>4500 N</u>	
3625	0.02		5550 E	0.02
3650	0.02		5525	0.02
3675	0.02		5575	0.02
3725	0.02		5600	0.02
3750	0.02		5625	0.02
3800	0.02		5650	0.02
3825	0.02		5675	0.02
3850	0.02		5825	0.02
3875	0.02		5850	0.02
3900	0.02		5875	0.02
3925	0.02		5900	0.02
3950	0.02		5950	0.02
3975	0.02		5975	0.02
4000	0.02		6050	0.02
4025	0.02		6125	0.02
4050	0.02		6150	0.02
4100	0.02		6175	0.02
4125	0.02		6200	0.02
4150	0.02		6225	0.02
4175	0.02		6250	0.02
4200	0.02		6300	0.02
4225	0.02		6325	0.02
4250	0.02		6350	0.02
4300	0.02		6375	0.02
4350	0.02		6400	0.02
4375	0.38		6425	0.02
4400	0.48		6450	0.02
4575	0.05		6475	0.02
4900	0.02		6500	0.02

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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L. Wong

PROVINCIAL ASSAYER

continued on page 3

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

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REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society  
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

**CERTIFICATE OF ASSAY**

Date: December 14, 1987

File: 8711-1756



**SGS SUPERVISION SERVICES INC.**

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD MINES LTD.

( page 3 )

We hereby certify that the following are the results of assays on: soil samples

MARKED	GOLD	SILVER	XXXXXXXXXXXXXXXXXXXXXXXXXX				SAMPLE MARKED:	GOLD
	Au (ppm)							Au (ppm)
<u>4600 N</u>							<u>4600 N</u>	
3100 E	0.02						5675 E	0.02
3125	0.02						5700	0.02
3150	0.02						5775	0.02
3175	0.02						5800	0.02
3200	0.02						5950	0.02
3225	0.02						6000	0.02
3250	0.02						6025	0.02
3275	0.02						6050	0.02
3300	0.02						6075	0.02
3325	0.02						6100	0.02
3350	0.02						6250	0.02
3375	0.02						6275	0.02
3400	0.02						6325	0.02
3500	0.02						6350	0.02
3525	0.02						6375	0.02
3575	0.02						6400	0.02
3625	0.02						6425	0.04
3650	0.02						6450	0.02
3675	0.02						6475	0.02
3700	0.02							
3725	0.02						<u>4700 N</u>	
3750	0.02							
3800	0.02						6200 E	0.02
3825	0.02							
3850	0.02						<u>4800 N</u>	
3875	0.02							
3900	0.02						5500 E	0.02
3925	0.02						5525	0.02
3950	0.02						5550	0.03
3975	0.02						5575	0.02
4000	0.02						5600	0.02
5525	0.02						5625	0.02
5600	0.08						5650	0.02
5625	0.02						5675	0.02
5650	0.02						5700	0.02

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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/ continued on page 4 .....

L. Wong PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

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OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

CERTIFICATE OF ASSAY

Date: December 14, 1987



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

File: 8711-1756

TO: BANBURY GOLD MINES LTD.

( page 4 ..... )

We hereby certify that the following are the results of assays on:

Table with columns: MARKED, GOLD Au (ppm), SILVER, SAMPLE MARKED:, GOLD Au (ppm). Rows include sample IDs like 4800 N, 5725 E, 4900 N, 3525 E, 3625.

/ continued on page 5

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CERTIFICATE OF ASSAY

Date: December 14, 1987

File: 8711-1756



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street, Vancouver, B.C., Canada. V6A 1W2 Telephone: (604) 254-1647 Telex: 04-507514

TO: BANBURY GOLD MINES LTD.

( page 5 )

We hereby certify that the following are the results of assays on: soil samples

MARKED	GOLD					SAMPLE MARKED:	GOLD
	Au (ppm)	SILVER	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX		
4900 N						4900 N	
4525 E	0.02					5475 E	0.02
4550	0.02					5500	0.02
4575	0.02						
4600	0.02					5100 N	
4625	0.02						
4650	0.02					3225 E	0.02
4675	0.02					3250	0.02
4700	0.02					3275	0.02
4725	0.02					3300	0.02
4750	0.02					3350	0.02
4775	0.02					3400	0.02
4800	0.02					3475	0.02
4825	0.02					3500	0.02
4850	0.02					3550	0.02
4875	0.02					3650	0.02
4900	0.02					3775	0.02
4925	0.02					3825	0.02
4950	0.02					3875	0.02
5050	0.02					3900	0.02
5075	0.02					3925	0.02
5100	0.02					3950	0.02
5125	0.02					3975	0.02
5150	0.02					4000	0.02
5175	0.02					4025	0.02
5200	0.02					4050	0.02
5225	0.02					4075	0.02
5250	0.02					4100	0.02
5275	0.02					4125	0.02
5300	0.02					4150	0.02
5325	0.02					4175	0.02
5350	0.02					4200	0.02
5375	0.02					4225	0.02
5400	0.02					4275	0.02
5425	0.02					4300	0.02
5450	0.02						

/ continued on page 6 .....

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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L. Wong

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

CERTIFICATE OF ASSAY

Date: December 14, 1987

File: 8711-1756



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street, Vancouver, B.C., Canada. V6A 1W2

Telephone: (604) 254-1647

Telex: 04-507514

TO: BANBURY GOLD MINES LTD.

( page 6 )

We hereby certify that the following are the results of assays on:

soil samples

MARKED	GOLD	SILVER	XXXXXXXXXX	XXXXXXXXXX	XXXXXX	SAMPLE MARKED:	GOLD
	Au (ppm)						Au (ppm)
5100 N						5200 N	
4325 E	0.02					3350 E	0.02
4375	0.02					3375	0.02
4400	0.02					3425	0.02
4425	0.02					3450	0.02
4450	0.02					3475	0.02
4475	0.02					3650	0.02
4500	0.02					3675	0.02
4525	0.02					3725	0.02
4550	0.02					3750	0.02
4575	0.02					3775	0.02
4600	0.02					3925	0.02
4625	0.02					3975	0.02
4675	0.02					4025	0.02
4700	0.02					4075	0.02
4800	0.02					4100	0.02
4825	0.02					4125	0.02
4850	0.02					4150	0.02
4950	0.02					4200	0.02
5025	0.02					4225	0.02
5050	0.02					4250	0.02
5075	0.02					4275	0.02
5100	0.02					4300	0.02
5125	0.02					4325	0.02
5150	0.02					4350	0.02
5175	0.02					4425	0.02
5200	0.02					4450	0.02
5225	0.02					4500	0.02
5250	0.02					4575	0.02
5275	0.02					4600	0.02
5300	0.02					4650	0.02
5325	0.02					4675	0.02
5350	0.02					4825	0.02
5375	0.02					4900	0.02
5400	0.02					4925	0.02
5425	0.02					4950	0.02
5450	0.02						
5475	0.02						

continued on page 7

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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L. Wong

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

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**CERTIFICATE OF ASSAY**

Date: December 14, 1987

File: 8711-1756



**SGS SUPERVISION SERVICES INC.**

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD MINES LTD.

( page 7 )

We hereby certify that the following are the results of assays on: soil samples

MARKED	GOLD					SAMPLE MARKED:	GOLD					
	Au (ppm)											Au (ppm)
<u>5200 N</u>												
4975 E	0.02											
5000	0.03											
5025	0.02											
5050	0.02											
5075	0.02											
5100	0.02											
5125	0.02											
5150	0.02											
5175	0.02											
5200	0.02											
5225	0.02											
5250	0.02											
5275	0.02											
5300	0.02											
5325	0.02											
5350	0.02											
5375	0.02											
5400	0.02											
5425	0.02											
5450	0.02											
5475	0.02											
5500	0.02											

cc. Mr. Mike Sanford

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*J. Wong*  
PROVINCIAL ASSAYER

**Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers**

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REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society  
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

**CERTIFICATE OF ASSAY**

Date: December 7, 1987

File: 8711-0552



**SGS SUPERVISION SERVICES INC.**

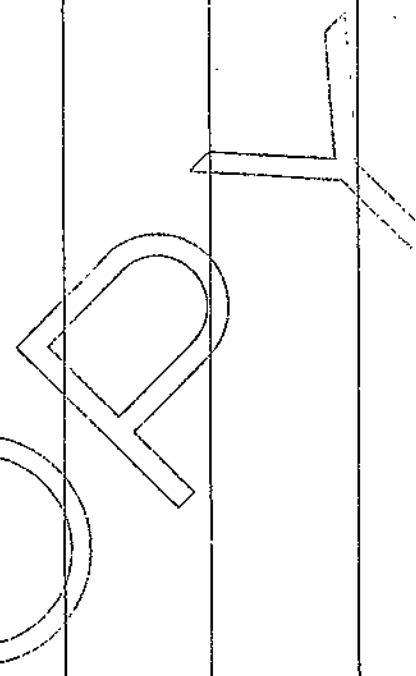
General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD LTD.  
302 - 540 Burrard Street  
Vancouver, B.C.  
V6C 2K1

We hereby certify that the following are the results of assays on: soil samples (Y & Z Project)

MARKED		GOLD	SILVER	XXXXXXXXXXXXXXXXXXXXXXXXXXXX			SAMPLE MARKED:	GOLD
		Au (ppm)						Au (ppm)
4600N	3975 - E	0.02					4600N	4875 - E 0.02
	4000	0.03						4900 0.02
	4025	0.02						4975 0.02
	4050	0.02						5000 0.02
	4075	0.02						2025A 0.02
	4100	0.03						5025B 0.02
	4125	0.03						5050A 0.02
	4150	0.02						5050B 0.03
	4175	0.02						5075 0.02
	4200	0.02						5100 0.03
	4225	0.02						5125 0.03
	4250	0.02						5150 0.02
	4275	0.02						4175 0.03
	4300	0.02						5200 0.02
	4325	0.02						5225 0.02
	4350	0.02						5250 0.02
	4375	0.07						5275 0.02
	4400	0.02						5300 0.02
	4425	0.02						5325 0.02
	4450	0.02						5350 0.02
	4475	0.02						5375 0.02
	4500	0.02						5400 0.02
	4525	0.02						5425 0.02
	4550	0.02						5450 0.02
	4575	0.02						5475 0.02
	4600	0.02						5500 - E 0.02
	4625	0.02					4700N	3200 - E 0.02
	4650	0.02						3225 0.02
	4675	0.02						3250 0.02
	4700	0.02						3275 0.02
	4725	0.02						3300 0.02
	4750	0.02						3325 0.02
	4775	0.02						3350 0.02
	4800	0.02						3375 0.02
	4825	0.02						3500 0.02
	4850- E	0.02						



/ continued on page 2 ...

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OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade



**CERTIFICATE OF ASSAY**

Date: December 7, 1987

File: 8711-0552



**SGS SUPERVISION SERVICES INC.**

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD MINES

( page 2 )

We hereby certify that the following are the results of assays on: soil samples

MARKED	GOLD		SILVER				SAMPLE MARKED:	Gold	
	Au (ppm)		XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX		Au (ppm)	
<u>Y &amp; Z Project</u>									
4700N	3525 - E	0.02					4700N	4575	0.02
	3550	0.02						4600	0.02
	3575	0.02						4625	0.02
	3600	0.02						4650	0.02
	3625	0.02						4675	0.02
	3650	0.02						4700	0.02
	3675	0.02						4725	0.02
	3700	0.02						4750	0.02
	3725	0.02						4775	0.03
	3750	0.02						4800	0.02
	3775	0.02						4825	0.02
	3825	0.02						4850	0.02
	3850	0.02						4875	0.02
	3875	0.04						4900	0.09
	3900	0.02						4925	0.02
	3925	0.02						4950	0.02
	3950	0.02						4975	0.02
	3975	0.04						5000	0.02
	4000	0.03						5025	0.02
	4025	0.02						5050	0.02
	4050	0.02						5075	0.02
	4150	0.02						5100	0.02
	4200	0.02						5125	0.03
	4225	0.02						5150	0.02
	4250	0.02						5175	0.02
	4275	0.02						5200	0.02
	4325	0.02						5225	0.02
	4350	0.02						5250	0.02
	4400	0.02						5300	0.02
	4425	0.02						5325	0.02
	4450	0.02						5350	0.03
	4475	0.02						5375	0.02
	4500	0.02						5400	0.02
	4525	0.02						5425	0.02
	4550	0.02						5450	0.02
								5475	0.02

/ continued on page 3 .....

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*L. Wong*  
L. Wong  
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OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

CERTIFICATE OF ASSAY

Date: December 7, 1987

File: 8711-0552



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street, Vancouver, B.C., Canada V6A 1W2 Telephone: (604) 254-1647 Telex: 04-507514

TO: BANURY GOLD MINES

( page 3 )

We hereby certify that the following are the results of assays on: soil samples ( Y & Z Project )

MARKED	GOLD		SILVER				SAMPLE MARKED:	GOLD	
	MARKED	Au (ppm)	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	MARKED		Au (ppm)	
4700N	5500 - E	0.02				4800N	4600 - E	0.02	
							4625	0.02	
4800N	3700	0.02					4650	0.02	
	3725	0.02					4675	0.02	
	3750	0.02					4700	0.02	
	3775	0.02					4725	0.02	
	3800	0.02					4750	0.02	
	3825	0.02					4775	0.02	
	3850	0.02					4800	0.02	
	3875	0.02					4825	0.02	
	3900	0.02					4850	0.02	
	3925	0.02					4875	0.02	
	3950	0.02					4900	0.03	
	4000	0.02					4925	0.02	
	4025	0.02					4950	0.02	
	4050	0.02					4975	0.03	
	4075	0.02					5000	0.02	
	4100	0.02					5025	0.02	
	4125	0.02					5050	0.02	
	4150	0.02					5075	0.02	
	4175	0.02					5100	0.02	
	4200	0.02					5150	0.02	
	4225	0.02					5175	0.02	
	4250	0.02					5200	0.02	
	4275	0.02					5225	0.02	
	4300	0.02					5250	0.02	
	4325	0.02					5275	0.02	
	4350	0.03					5300	0.02	
	4375	0.02					5325	0.02	
	4400	0.02					5350	0.02	
	4425	0.02					5375	0.02	
	4450	0.02					5400	0.02	
	4475	0.03					5425	0.02	
	4500	0.02					5450	0.02	
	4525	0.02					5475	0.02	
	4550	0.03					5500 - E	0.02	
	4575 - E	0.02							

/ continued on page 4 ....

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**CERTIFICATE OF ASSAY**

Date: December 7, 1987



**SGS SUPERVISION SERVICES INC.**  
General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

TO: BANBURY GOLD MINES

File: 8711-0552

( page 4 )

We hereby certify that the following are the results of assays on: soil samples (Y & Z Project)

MARKED	XXXXXXXXXXXXXXXXXXXX					SAMPLE MARKED:	GOLD'	
	GOLD	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX			Au (ppm)
4900 N	5500 - E	0.02				4900 N	6475 - E	0.02
	5525	0.02					6500	0.02
	5550	0.02					6525	0.02
	5575	0.02					6575	0.02
	5600	0.02					6600	0.02
	5625	0.03					6625	0.02
	5650	0.02					6650	0.02
	5675	0.02					6675	0.02
	5700	0.02					6725	0.02
	5725	0.02					6750	0.02
	5750	0.02					6775	0.02
	5775	0.02					6850	0.02
	5800	0.02					6875	0.02
	5825	0.02					6900	0.02
	5850	0.02					6925	0.02
	5875	0.02					6950	0.02
	5900	0.02					6975	0.02
	5925	0.02						
	5950	0.02				5000N	5500 - E	0.02
	5975	0.02					5525	0.02
	6000	0.02					5550	0.02
	6025	0.02					5575	0.02
	6050	0.02					5600	0.02
	6075	0.02					5625	0.02
	6100	0.02					5650	0.02
	6125	0.02					5675	0.02
	6150	0.02					5700	0.02
	6175	0.02					5725	0.02
	6200	0.02					5750	0.02
	6225	0.02					5775	0.02
	6250	0.02					5800	0.02
	6275	0.02					5825	0.02
	6300	0.02					5850	0.02
	6325	0.02					5875	0.02
	6350	0.03					5900	0.02
	6375	0.02					5925	0.02
	6400	0.02						
	6425	0.02						
	6450	0.02						

/ continued on page 5 .....

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*L. Wong*  
PROVINCIAL ASSAYER

CERTIFICATE OF ASSAY

Date: December 7, 1987 46.



SGS SUPERVISION SERVICES INC.

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507614

File: 8711-0552

TO: BANBURY GOLD MINES

( page 5 )

We hereby certify that the following are the results of assays on: soil samples (Y & Z Project)

MARKED		GOLD	SILVER	XXXXXXXXXX	XXXXXXXXXX	XXXXX	SAMPLE MARKED	GOLD	
		Au (ppm)						Au (ppm)	
5000N	5950 - E	0.02					5100N	5500 - E	0.02
	5975	0.02						5525	0.02
	6000	0.02						5550	0.02
	6025	0.02						5575	0.02
	6050	0.02						5600	0.02
	6075	0.02						5625	0.02
	6100	0.02						5650	0.02
	6125	0.02						5675	0.02
	6150	0.02						5700	0.02
	6175	0.02						5725	0.02
	6200	0.02						5750	0.02
	6225	0.02						5775	0.02
	6250	0.02						5800	0.02
	6275	0.02						5825	0.02
	6300	0.02						5850	0.02
	6325	0.02						5875	0.02
	6350	0.02						5900	0.02
	6375	0.02						5925	0.02
	6500	0.02						5950	0.02
	6525	0.02						5975	0.02
	6550	0.02						6000	0.02
	6575	0.02						6025	0.02
	6600	0.02						6050	0.02
	6625	0.02						6075	0.02
	6650	0.02						6100	0.02
	6675	0.02						6125	0.02
	6700	0.02						6150	0.02
	6750	0.03						6175	0.02
	6775	0.02						6200	0.02
	6825	0.02						6225	0.02
	6850	0.02						6250	0.02
	6875	0.02						6275	0.02
	6900	0.02						6300	0.02
	6925	0.02						6325	0.02
	6975	0.02						6350	0.02
	7000 - E	0.02						6375	0.02
								6400 -E	0.02

/ continued on page 6 ....

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*L. Wong*  
L. WONG  
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OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

**CERTIFICATE OF ASSAY**

Date: December 7, 1987

File: 8711-0552



**SGS SUPERVISION SERVICES INC.**

General Testing Laboratories Division

1001 East Pender Street,  
Vancouver, B.C., Canada. V6A 1W2  
Telephone: (604) 254-1647  
Telex: 04-507514

To: BANBURY GOLD MINES

( page 6 )

We hereby certify that the following are the results of assays on: soil samples ( Y & Z Project )

MARKED	GOLD		SILVER		XXXXXXXXXXXX		XXXXXXXXXXXX		SAMPLE MARKED:	GOLD
	Au (ppm)							Au (ppm)		
5100N 6425 - E	0.02								4500N 4550 - E	0.02
6450	0.02								4575	0.02
6475	0.02								4600	0.02
6500	0.02								4625	0.02
6525	0.02								4650	0.03
6550	0.02								4675	0.02
6575	0.02								4750	0.02
6600	0.02								4775	0.02
6625	0.02								4800	0.02
6650	0.02								4825	0.02
6675	0.02								4850	0.02
6700	0.02								4875	0.02
6725	0.02								4900	0.02
6750	0.02								4925	0.02
6800	0.02								4950	0.02
6825	0.02								4975	0.02
6850	0.02								5000	0.02
6875	0.02								5025	0.02
6900	0.02								5050	0.02
6925	0.02								5075	0.02
6950	0.02								5125	0.02
6975	0.02								5150	0.02
7000 - E	0.02								5175	0.02
4500N 4200 - E	0.02								5200	0.02
4225	0.02								5225	0.02
4250	0.02								5250	0.02
4275	0.02								5275	0.02
4300	0.02								5325	0.02
4325	0.02								5350	0.02
4350	0.02								5375	0.02
4375	0.02								5400	0.02
4400	0.02								5425	0.02
4425	0.02								5450	0.02
4450	0.02								5475	0.02
4475	0.02								5500 - E	0.02
4500	0.02									
4525 - E	0.02									

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association  
REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society  
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III. VLF-EM Basic Data.

Y02

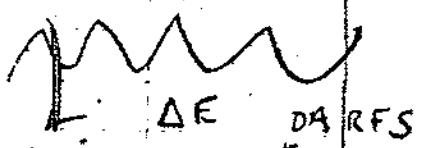
yeti

Nov 23

Base turn around  
 STAR - 19200  
 Finish +20  
 DA RFS 6A  
 50 6A  
 5.5

Δ E	DA	RFS	Δ E	DA	RFS		
5200 N	5500E	+12	56	5200W	5025	+19	61
5475E	+2	60	5000	+18	56		
5450E	+3	63	4975	+16	57		
5425	+8	67	4950	+17	64		
5400	+7	68	4925	+19	49		
5375	+9	62	4900	+21	50		
5350	+11	60	4875	+19	50		
5325	+11	59	4850	+22	49		
5300	+9	53	4825	+18	49		
5275	+13	55	4800	+24	55		
5250	+10	62	4775	+19	58		
5225	+8	56	4750	+20	57		
5200	+9	63	4725	+21	57		
5175	+8	61	4700	+21	50		
5150	+13	63	4675	+26	52		
5125	+17	66	4650	+29	47		
5100	+18	68	4625	+33	47		
5075	+15	62	4600	+28	45		
5050	+17	59	4575	+30	44		

Δ E	DA	RFS	Δ E	DA	RFS		
5200W	4560	+28	42	5100N	4650	+21	44
4525	+28	41	4675	+21	45		
4500	+24	40	4700	+18	53		
4475	+24	38	4725	+14	56		
4450	+21	37	4750	+18	51		
4425	+23	38	4775	+17	55		
4400	+27	35	4800	+17	62		



Δ E	DA	RFS	Δ E	DA	RFS	
5100W	4275	+25	30	4825	+16	51
4300	+24	34	4850	+17	52	
4325	+22	32	4875	+13	57	
4350	+21	37	4900	+14	52	
4375	+23	37	4925	+17	53	
4400	+24	39	4950	+15	53	
4425	+25	40	4975	+12	61	
4450	+26	42	5000	+15	69	
4475	+23	43	5025	+17	60	
4500	+25	46	5050	+13	57	
4525	+26	44	5075	+19	59	
4550	+19	44	5100	+12	62	
4575	+22	46	5125	+11	59	
4600	+19	44	5150	+9	58	
4625	+23	47	5175	+10	54	
			5200	+11	59	
			5225	+13	58	
			5250	+13	61	

Nov 23 cont Y/Z

L	A	E	DI	RFS	L	AE	PA	RFS
5100N	5275	+10	59	4900N	5300	+9	60	
	5300	+11	60		5325	+14	52	
	5325	+11	61		5350	+20	53	
	5350	+12	64		5375	+16	56	
	5375	+9	70		5400	+18	52	
	5400	+8	69		5425	+20	51	
	5425	+5	63		5450	+17	59	
	5450	+7	57		5475	+17	61	
	5475	+6	63		5500	+13	66	
	5500	+7	60					
L	AE	PA	RFS					

L 5000N	5500	+13	61
	5475	+9	60
	5450	+10	67
	5425	+9	68
	5400	+12	70
	5375	+10	78
	5350	+13	74
	5325	+16	79
	5300	+22	67
	5275	+24	61
	5250	+21	60

VLF

L	5000N	-	5250	to	3100
	5100N	-	4275	to	3100
	5200	-	4400	to	3100
	4800	-	5500	to	3100



LINE	YETI	FR	TIME	SEATTLE	GAIN	6.0
LINE	ΔE	DA	RFS	LINE	ΔE	8.5
4800N	5500	10	62	4800N	4900	20 62
	75	10	66		75	19 70
	50	9	67		50	12 65
	25	6	79		25	14 67
	5400	12	76	4800	20	60
	75	12	95		75	12 50
	50	8	80		50	8 70
	25	10	77		25	14 59
✓	5300	12	80	4700	14	60
	75	9	70		75	14 70
	50	7	85		50	8 70
	25	8	90		25	13 97
	5200	11	92	4600	10	94
	75	11	90		75	14 70
	50	20	95		50	10 87
	25	22	15		25	19 95
	5100	23	97	4500	21	92
	75	22	74		75	22 65
	50	20	75		50	24 84
	25	18	64		25	22 82
	5000	17	77	4400	22	75
	75	24	78		75	22 70
	50	19	73		50	22 70
	25	18	68		25	22 70

LINE	YETI	FR	TIME	SEATTLE	GAIN	6.0
LINE	ΔE	DA	RFS	LINE	ΔE	8.5
4800N	4275	20	67	4800N	3675	5 59
	50	20	67		50	5 60
	25	22	72	cliff	25	16 71
	4200	20	68		3600	6 56
	75	20	72		75	9 54
	50	20	70	✓	50	7 50
	25	17	70		25	12 49
	4100	20	64		3500	7 50
	75	16	65	VERY OLDE CLAIM EAST 5m	75	8 48
	50	20	59		50	6 50
	25	20	60		25	6 50
	4000	14	50	SE. 3" 12	50	50
	75	21	55	NO MARKS	75	6 48
	50	16	55		50	8 48
	25	18	54		25	7 47
	3900	14	55		3300	5 48
	75	12	50		75	7 48
	50	20	47		50	6 45
	25	16	47		25	8 42
	3800	14	48		3200	8 42
	75	14	50		75	6 40
	50	14	50		50	0 39
	25	16	52		25	2 39
	3700	13	52		3100	6 40

SAT NOV 28/87 Yeti UCF

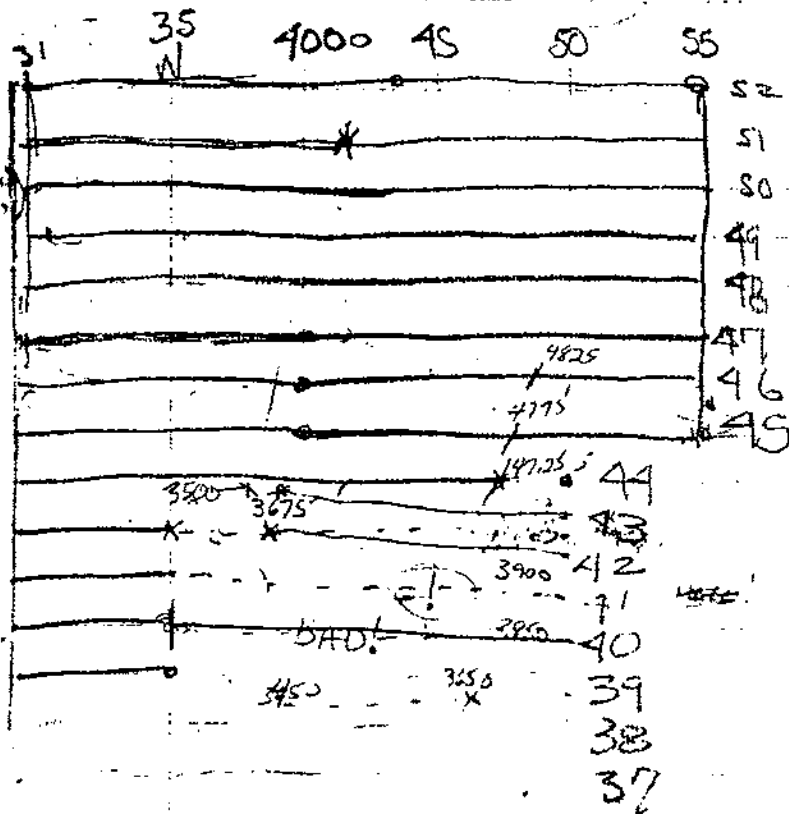
RFS 50 GAIN 5.25

LINE	DE	DA	RFS	LINE	AE	
4900 N	5500			4900N	4900E	4 30
	75				75	+4 30
	50				50	0 22
	25				25	+4 28
	5400			4800	8	27
	75				25	27
	50				50	6 27
	25				25	8 28
	5300	+2	40	4700	6	25
	75	+3	47		75	8 25
	50	5	48		50	10 25
	25	10	48		25	12 26
	5200	7	46	4600	14	26
	75	15	48		75	15 22
	50	14	40		50	17 25
	25	15	36		25	+25 22
	5100	10	38	4500	14	20
	75	6	37		75	11 26
	50	5	33		50	13 22
	25	10	35		25	14 22
	5000	4	35	4400	11	20
	75	6	32		75	10 20
	50	5	30		50	12 20
	25	5	30		25	12 20

LINE	DE	DA	RFS	LINE	DE	DA	RFS
4900N	4300	10	22	4900N	3700	0	22
	75	7	23		75	+4	20
	50	6	23		50	-2	21
	25	10	22		25	0	20
	4200	10	25		3600	0	21
	75	10	22		75	2	21
	50	11	22		50	-5	22
	25	15	22		25	0	22
	4100	8	22		3500	4	22
	75	8	22		75	10	
	50	6	22		50	10	
	25	4	22		25	10	
	4000	4	22		3400	0	20
	75	4	22		75	0	20
	50	6	22		50	+4	15
	25	6	21		25	+3	15
	3900	4	22		3300	0	15
	75	5	21		75	0	15
	50	2	21		50	-4	15
	25	4	20		25	-1	16
	3800	-4	20		3200	0	15
	75	0	20		75	0	15
	50	-4	21		50	-1	14
	25	-9	20		25	-1	15
	3400				3100	-1	15

LINE	ΔE	DA	RFS
4900	3700	-1	15
	75	-8	15
	50	-12	17
	25	-8	16
3600		-20	17
	75	-12	15
	50-10		16
	25	-14	17
3500		-10	17

\*  
 48  
 47  
 46  
 45  
 44  
 43  
 42  
 41  
 40  
 31



YEZ NOV 29 MB  
 Base A turnaround - start time DA RFS  
 GAIN 6 start 9:30 +12 50  
 Finish

LINE	D	DA	RES	LINE	DA	RFS	
4700W	5500E+17	59	4700W	4975	+13	63	
	5475	+18	57		50	+14	63
	5450	+20	55		25	+12	64
	5425	+16	50		4900	+9	60
	5400	+13	49		75	+15	57
✓	75	+10	49		50	+17	58
	50	+11	51		25	+14	55
	25	+10	55	✓	4800	+17	60
	5300	+12	52		75	+13	60
	75	+16	52		50	+11	72
	50	+14	56		25	+17	57
	25	+13	60		4700	+12	62
	5200	+12	61		75	+15	57
	75	+8	65		50	+12	57
	50	+9	67		25	+12	55
	25	+12	67		4600	+16	52
	5100	+7	66		75	+9	57
	75	+9	74		50	+11	60
	50	+12	75		25	+11	58
	25	+11	69		4500	+17	60
	5000	+14	63				

L	ΔE	DA	RFS	L	ΔE	DA	RFS
4700W	4475	19	68	4600W	4000E+20		67
	50	+20	60		4025	+20	62
	25	+24	63		4050	+17	65
	4400	+18	62		4075	+18	69
	75	+23	60		4100	+11	73
	50	+27	62		25	+13	65
	25	+26	65		50	+13	67
	4300	+24	60		75	+18	62
	75	+26	58		4200	+15	67
✓	50	+26	56		25	+16	63
	25	+26	53		50	+19	67
	4200	+19	56	✓	75	+21	63
	75	+17	58		4300	+17	70
	50	+19	56		25	+19	67
	25	+20	58		50	+12	69
	4100	+18	58		75	+15	65
	75	+17	54		4400	+14	63
	50	+21	57		25	+13	62
	25	+22	53		50	+15	62
	4000	+26	48		75	+15	64
					4500	+10	62
					25	+14	63
					50	+11	62
					75	+15	61
					4600	+11	59

STOP

L	ΔE	DA	RFS	L	ΔE	DA	RFS
4600N	4625	+11	57	4600N	5225	+10	57
	50	+15	59		50	+12	59
	75	+16	58		75	+9	63
	4700	+15	60		5300	+9	62
	25	+16	57		25	+7	61
	50	+15	62		50	+6	58
	75	+12	56		75	+10	58
✓	4800	+15	63		5400	+9	59
	25	+14	62		25	+12	60
	50	+20	63		50	+14	56
	75	+12	65		75	+15	58
	4900	+12	67	✓	5500	+12	63
	25	+7	70				
	50	+5	63				
	75	+5	56				
	5000	+13	54				
	25	+8	55				
	50	+9	56				
	75	+10	55				
	5100	+8	56				
	25	+2	50				
	50	+9	50				
	75	+6	57				
	5200	+14	56				

YFZ

NOV 30 MB

Time	DA	RFS	gwn
8:35	+12	50	4.5
3800N			
3100E	Z:30-2	40	8

Base: Δ

L	ΔE	DA	RFS	L	ΔE	DA	RFS
4500N	5500	+3	40	4500N	5000	+12	30
	5175	+7	40		75	+12	30
	50	+11	37		50	+5	30
	25	+11	31		25	+6	30
	5400	+8	39		4900	+9	31
	75	+10	29	✓	75	+9	29
	50	+11	28		50	+4	27
	25	+11	28	✓	25	+9	25
✓	5300	+2	31		4800	+8	28
	75	+3	34		75	+9	29
	50	+5	35		50	+10	29
	25	+5	33		25	+4	32
	5200	+2	36		4700	+11	32
	75	+6	40		75	+7	32
	50	+8	40		50	+8	34
	25	+7	40		25	+3	34
	5100	+9	37		4600	+5	38
	75	+13	30		75	+3	37
	50	+12	35		50	+10	35
	25	+7	34		25	+7	37
					4500	+6	32



4500 W

4700 W

4700 N

5200 W

v/z

L	ΔE	DA	RFS
4500 N	4475	+10	25
	50	+12	24
	25	+15	24
	4400	+9	25
	75	+17	20
	50	+10	21
	25	+14	21
	4300	+6	22
	75	+15	22
	50	+9	23
	25	+10	20
	4200	+5	20
	75	+3	17
	50	+5	16
	25	+7	15
	4100	+5	16
	75	+2	15
	50	+9	16
	25	+3	15
	4000	+10	16

L	ΔE	DA	RFS
4700 N	4000 E	+19	5
test gain to 16.5			
L	ΔE	DA	RFS
4700 W	4000 E	+26	50
	75	+27	49
	50	+30	42
	25	+24	45
	3900	+25	56
	75	+19	55
	50	+20	55
	25	+18	53
	3800	+14	51
	75	+11	54
	50	+12	57
	25	+9	56
	3700	+10	60
	75	+12	55
	50	+9	60
	25	+12	56
	3600	+12	60
	75	+8	61
	50	+11	62
	25	+12	61
	3500	+11	56

L	ΔE	DA	RFS
4700 N	3475	+12	52
	50	+10	55
	25	+11	53
	3400	+9	56
	75	+8	52
	50	+9	56
	25	+9	51
	3300	+9	53
	75	+11	45
	50	+8	45
	25	+8	45
	3200	+8	45
	75	+7	44
	50	+5	44
	25	+3	43
	3100	+3	44

EOL

L	ΔE	DA	RFS
5200 W	3300 E	0	55
	25	+1	55
	50	+3	52
	75	+1	47
	3400	+3	46
	25	+2	42
	50	+4	50
	75	+1	47
	3425	-3	45
	50	+2	40
	75	+3	38
	3500	+5	37
	25	+7	40
	50	HD	41
	75	+3	42
	3600	+9	43
	25	+10	41
	50	+12	39
	75	+19	39
	3700	+16	40
	25	+12	40
	50	+18	43
	75	+23	45

SOL MAP

5200N

Y Z

5100N

5100N

Y Z

L	ΔE	DA	RFS	L	ΔE	DA	RFS
5200	3800	+21	43	5100	4250	+27	60
	25	+22	45		25	+29	61
	50	+22	42		4200	+25	64
	75	+24	43		75	+25	67
	3900	+24	45		50	+26	65
	25	+3	46		25	+27	67
	50	+27	45		4100	+24	63
	75	+27	40		75	+24	56
	4000	+19	52		50	+22	65
	25	+26	54		25	+24	63
	50	+28	55		4000	+27	66
	75	+27	56		75	+27	67
	4100	+28	55		50	+27	60
	25	+27	57		25	+27	60
	50	+27	55		3900	+24	60
	75	+25	59		75	+25	59
	4200	+25	60		50	+23	62
	25	+21	62		25	+23	63
	50	+26	64		3900	+22	64
	75	+23	60		75	+21	65
	4300	+24	60		50	+22	67
	25	+29	65		25	+21	67
	50	+25	69		3700	+21	67
	75	+21	65				

EOL 4100

L	ΔE	DA	RFS
5100N	3675	+18	63
	50	+18	62
	25	+14	65
	3600	+17	61
	75	+18	60
	50	+18	64
	25	+13	60
	3500	+13	56
	75	+12	64
	50	+10	58
	25	+8	59
	3400	+7	60
	75	+2	62
	50	+2	60
	25	+1	77
	3300	+4	35
	75	+3	82
	50	+4	83
	25	+3	80
	3200	+2	78
	75	+2	78
	50		
	25		
	3100		

(RD)

No Antennas

4500W y/z 4700W

L	ΔE	DA	RFS
4500N	4475+10	25	
	50+12	24	
	25+15	24	
4400	+9	25	
	75+17	20	
	50+10	21	
	25+14	21	
4300	+6	22	
	75+15	22	
	50+9	23	
	25+10	20	
4200	+5	20	
	75+3	17	
	50+5	16	
	25+7	15	
4100	+5	16	
	75+2	15	
	50+9	16	
	25+3	15	
4000	+10	16	

4700N 4000E+19 5  
 rest gain to 16.5

L	ΔE	DA	RFS
4700W	4000E+26	50	
	75+27	49	
	50+30	52	
	25+24	55	
	3900+25	56	
	75+19	55	
	50+20	55	
	25+18	53	
	3800+14	51	
	75+11	54	
	50+12	57	
	25+9	56	
3700	+10	60	
	75+12	55	
	50+9	60	
	25+12	56	
3600	+12	60	
	75+8	61	
	50+11	62	
	25+12	61	
3500	+11	56	

4700N

L	ΔE	DA	RFS
4700W	3475	+12	52
	50	+10	55
	25	+11	53
3400	+9	56	
	75	+8	52
	50	+8	56
	25	+9	51
3300	+9	53	
	75	+11	45
	50	+8	45
	25	+8	45
3200	+8	45	
	75	+7	44
	50	+5	44
	25	+3	43
3100	+3	44	

EOL

5200W

L	ΔE	DA	RFS
5200	3300E	0	55
	25	+1	55
	50	+3	52
	75	+1	47
3400	+3	46	
	25	+2	42
	50	+4	50
	75	+1	47
	*		
3425	-3	45	
	50	+2	40
	75	+3	38
3500	+5	37	
	25	+7	40
	50	+10	41
	75	+3	42
3600	+9	43	
	25	+10	41
	50	+12	39
	75	+19	35
3700	+16	40	
	25	+12	40
	50	+18	43
	75	+23	45

see map



✓ 2Z

L	ΔE	DA	RFS
52.00	3800	+21	43
	25	+22	45
	50	+22	45
	75	+24	43
	3900	+24	45
	25	+3	46
	50	+27	45
	75	+27	40
	4000	+19	52
	25	+26	54
	50	+28	55
	75	+27	56
	4100	+28	55
	25	+27	57
	50	+25	55
	75	+25	59
	4200	+25	60
	25	+21	62
	50	+26	64
	75	+13	60
	4300	+24	60
	25	+29	65
	50	+25	69
	75	+21	65

5100N

L	ΔE	DA	RFS
5100	4250	+27	60
	25	+21	61
	4200	+25	64
	75	+25	67
	50	+26	65
	25	+27	67
	4100	+24	63
	75	+24	56
	50	+22	65
	25	+29	63
	4000	+21	66
	75	+21	67
	50	+27	60
	25	+27	60
	3900	+24	60
	75	+25	59
	50	+2	62
	25	+2	63
	3800	+22	64
	75	+21	65
	50	+22	67
	25	+21	67
	3700	+21	67

5100N

L	ΔE	DA	RFS
5100N	3675	+18	63
	50	+18	62
	25	+14	65
	3600	+17	61
	75	+18	60
	50	+18	64
	25	+13	60
	3500	+13	56
	75	+12	64
	50	+10	58
	25	+8	59
	3400	+7	60
	75	+2	62
	50	+2	73
	25	+1	73
	3300	+2	85
	75	+3	82
	50	+4	83
	25	+3	80
	3200	+2	78
	75	+2	78
	50		
	25		
	3100		

(RD)  
no st. values

EOL 4400

44-4725  
8:30AM

45-4775 46-4875  
REF 50 50 50

TUES DEC 1/87

YCTI 50 50 50

LINE	ΔE	DA	RS	4725	4775	4875
4400N	4725	14	50	50	72	75
4700	4700	14	50	25	12	70
		60	4000	12/90	4000	6 75
	50	4	67	75 10/90	95	6 70
	25	5	65	50 12/90	80	12 73
4600	4600	4	66	3925 14/75	25	16 75
	75	4	61	3900	16	73
	50	4	65	75	16	70
	25	4	70	50	11	75
4500	4500	3	80	25	16	70
	75	4	66	3800	14	72
	50	4	66	75	16	65
	25	10	84	50	7	75
4400	4400	6	75	25	7	75
	75	4	85	3700	9	75
	50	4	80	45	10	60
	25	4	95	50	6	66
4300	4300	9	75	25	8	65
	75	7	92	3600	8	70
	50	8	93	45	12	75
	25	9	72			
4200	4200	12	70			

LINE	ΔE	DA	RS	4400N	4400N	4400N
4400N	3475E	10	60	3400	11	60
	50	9	62	75	10	60
	25	6	58	3300	7	62
				75	8	60
				50	10	60
				25	9	62
				3300	7	62
				75	8	60
				50	10	59
				25	10	55
				3000	5	55
				75	3	50
				50	0	52
				25	4	55
				3100	0	54
				75		
				3500	10	54
				25	10	53
				50	10	53
				75	9	52
				3600	8	53
				25	10	52
				50	8	50
				75	6	48
				3400	2	48

Line	ΔE	DA	RFS
4500N			
3725	0	47	
50	4	46	
75	4	46	
3800	5	47	
25	8	44	
50	12	40	
75	10	42	
3900	11	42	
25	12	41	
50	11	40	
75	10	42	
4000	+10	44	
4000N	4000	720	47
75	+16	46	
50	16	45	
25	10	46	
3900	10	47	
75	18	45	
50	6	45	
25	5	48	
3800	5	48	
75	2	46	
50	2	45	
25	1	44	

Line	ΔE	DA	RFS
4600N	3900	-2	47
75	4	46	
50	7	45	
25	9	46	
3600	7	46	
75	10	50	
50	12	41	
3500	10	49	
75	8	49	
50	5	47	
25	6	50	
3400	5	45	
75	8	45	
50	10	47	
25	4	48	
3300	0	48	
75	0	48	
50	10	44	
25	1	45	
3200	4	45	
75	8	45	
50	3	44	
25	3	44	
3100	0	40	

WED DEC 2/87

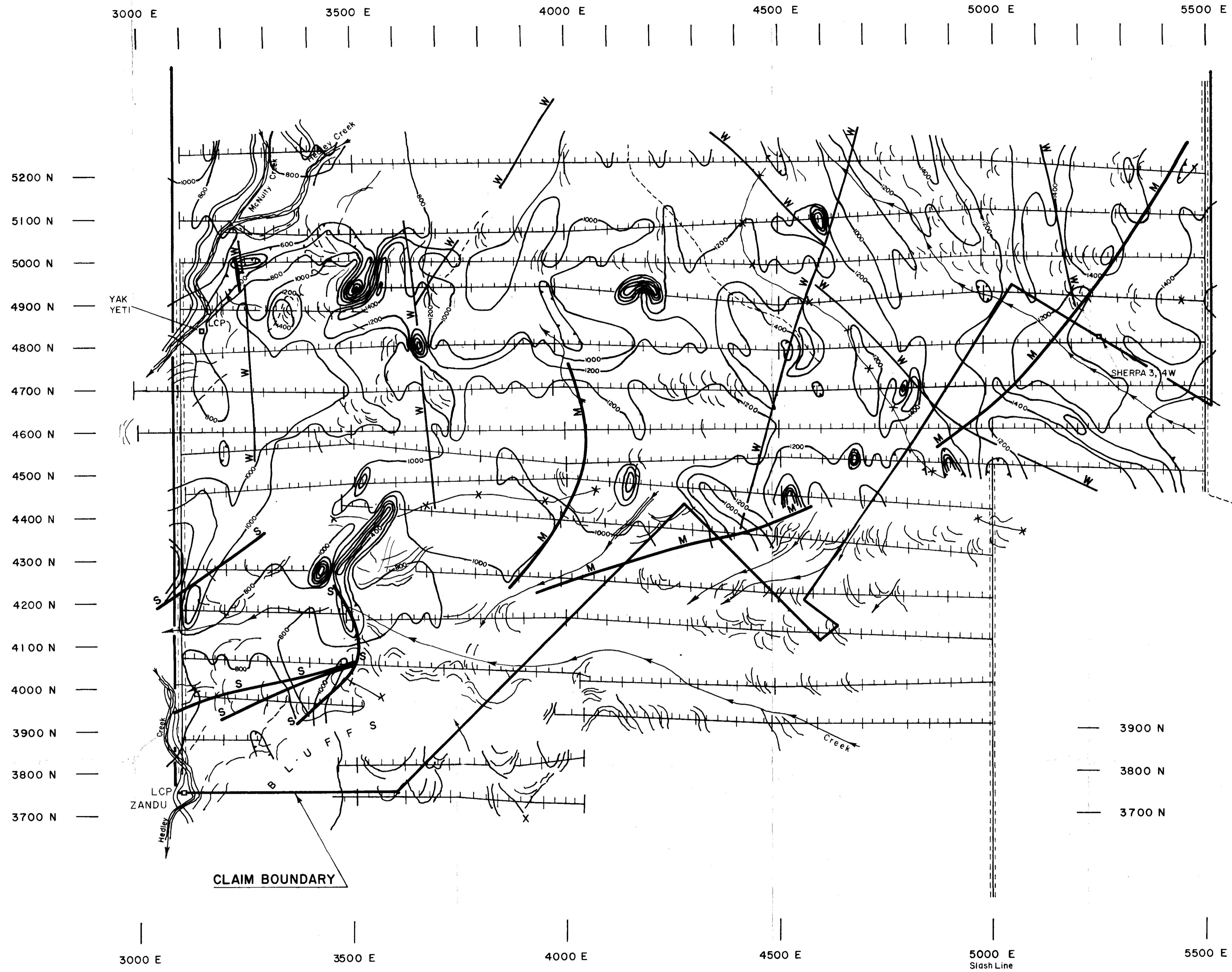
LINE N	ΔE	DA	RFS
4300	4650	5	45
<del>4300</del>	25	6	45
<del>4300</del>	4600	6	50
	75	6	50
	50	1	54
	25	0	55
4500	-4	50	
75	0	55	
50	-3	52	
25	-3	50	
4400	8	50	
75	4	42	
50	6	40	
25	-2	40	
4300	-2	43	
75	-2	50	
50	-2	50	
25	0	40	
4200	+4	45	
75	4	45	
50	4	42	
25	3	46	
4100	3	47	

YETI/BAND. RFS 50  
8:48 AM GAIN 5.5

LINE N	ΔE	DA	RFS
4300N	4075	6	45
	50	4	40
	25	3	50
4000	2	45	
75	6	45	
50	12	45	
25	3	47	
3900	10	45	
75	10	47	
50	8	36	
25	6	41	
3800	6	42	
75	6	42	
50	0	42	
25	0	42	
3700	0	40	
75	2	40	
50	0	37	
25	-2	35	
3600	0	30	
75	0	30	
50	2	30	
25	0	30	
3500			

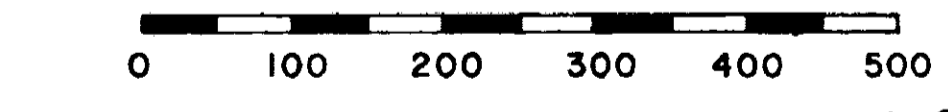






5200 N  
 5100 N  
 5000 N  
 4900 N  
 4800 N  
 4700 N  
 4600 N  
 4500 N  
 4400 N  
 4300 N  
 4200 N  
 4100 N  
 4000 N  
 3900 N  
 3800 N  
 3700 N

CONSOLIDATED SEA GOLD CORP.



- ≡≡≡ CUT LINE
- STATION ON LINE
- ROAD
- ~ CREEKS & DRAINAGE
- - - TRAILS
- ||| CLIFF
- X HEIGHT OF LAND

TOTAL FIELD INTENSITY  
 MAGNETIC CONTOUR INTERVAL 200 Y  
 Contour value plus 56,000 Y  
 VLF Station SEATTLE

- S Strong
  - M Moderate
  - W Weak
- V. L. F. ANOMALIES

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT  
**17,450**

**YETI & ZANDU CLAIMS**

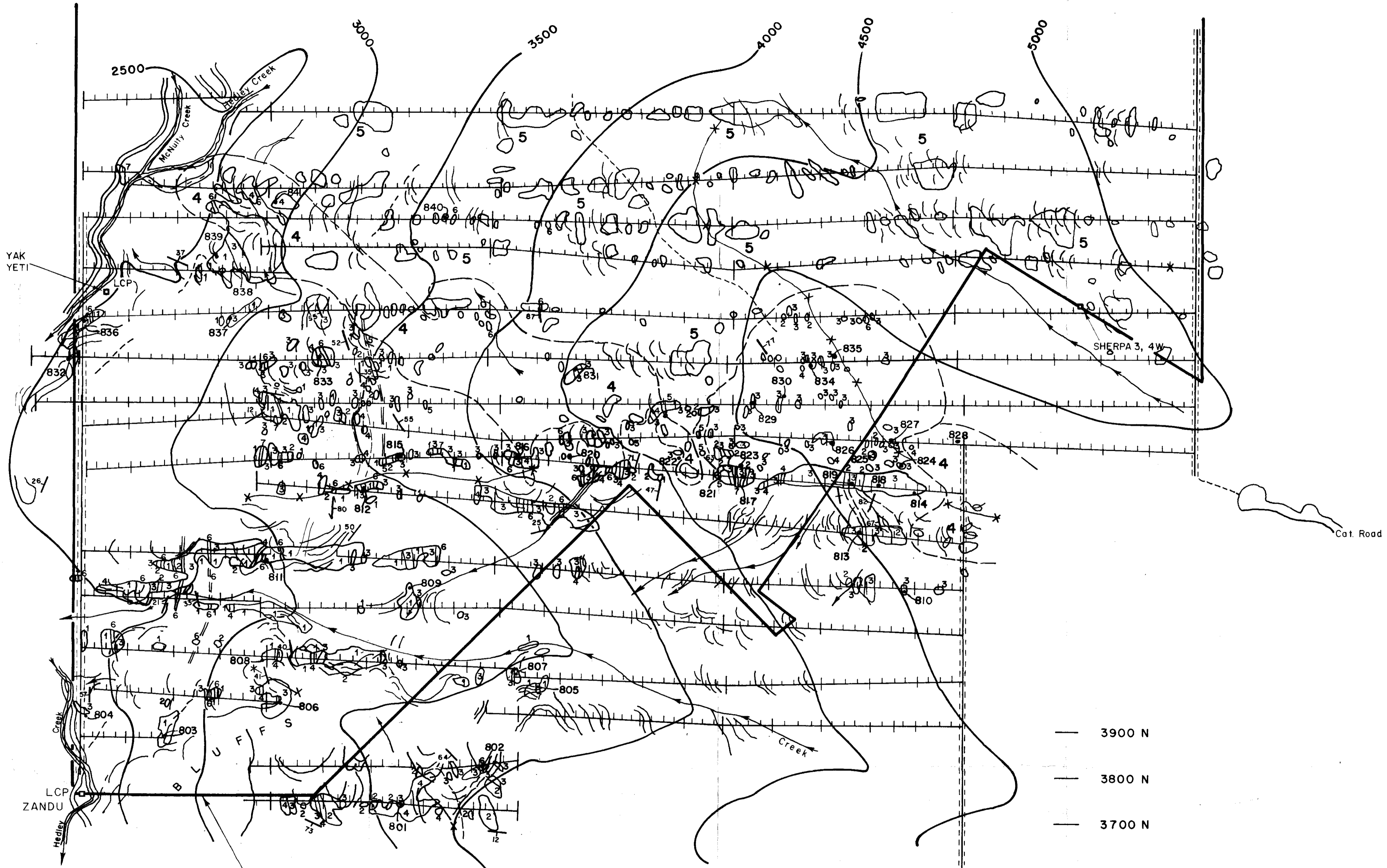
SCALE: 1:5000 APPROVED BY: DRAWN BY: F. STUBER  
 DATE: Oct. 1987 REVISED:

**MAGNETOMETER SURVEY PLAN**  
 and V. L. F. - EM PLAN

3000 E 3500 E 4000 E 4500 E 5000 E 5500 E

5200 N  
5100 N  
5000 N  
4900 N  
4800 N  
4700 N  
4600 N  
4500 N  
4400 N  
4300 N  
4200 N  
4100 N  
4000 N  
3900 N  
3800 N  
3700 N

5200 N  
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5000 N  
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4600 N  
4500 N  
4400 N  
4300 N  
4200 N  
4100 N  
4000 N  
3900 N



CLAIM BOUNDARY

3000 E 3500 E 4000 E 4500 E 5000 E  
Slash Line

**LEGEND**

- 7 Feldspar porphyry
- 6 Feisite dykes
- 5 Simikameen intrusions: medium to coarse grained biotite granite with 15-25% quartz
- 4 Hedley intrusions: hornblende diorite, quartz diorite
- 3 Quartzite, chert
- 2 Limestone
- 1 Argillite

CONSOLIDATED SEA GOLD CORP.

0 100 200 300 400 500

CUT LINE  
STATION ON LINE  
ROAD  
CREEKS & DRAINAGE  
TRAILS  
CLIFF  
HEIGHT of LAND

GEOLOGICAL PA  
BEDDING ATTITUDE

GEOLOGICAL CONTACTS  
APPROXIMATE

**17,450**

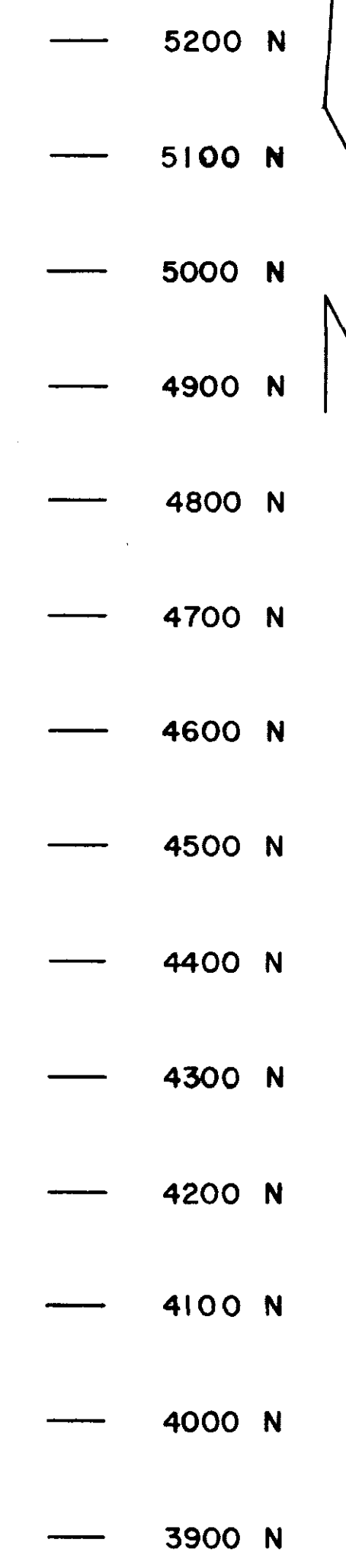
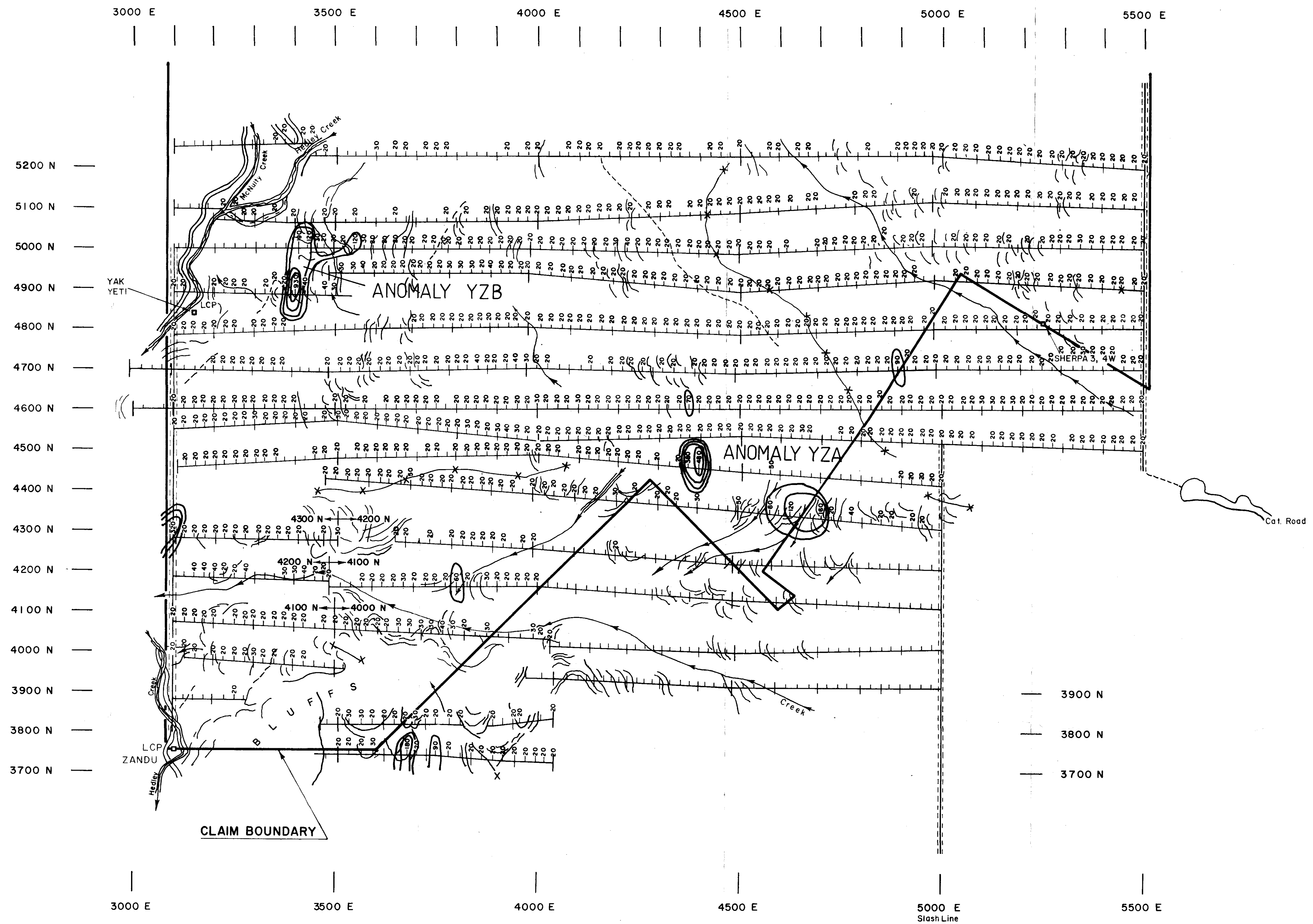
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**YETI & ZANDU CLAIMS**

SCALE: 1:5000 APPROVED BY: DRAWN BY: F. STUBER  
DATE: Oct. 1987 REVISED:

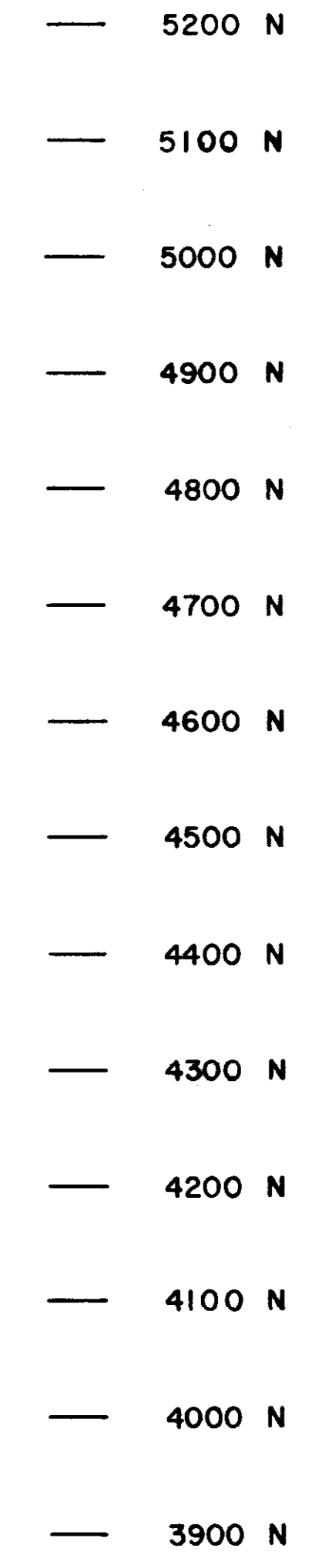
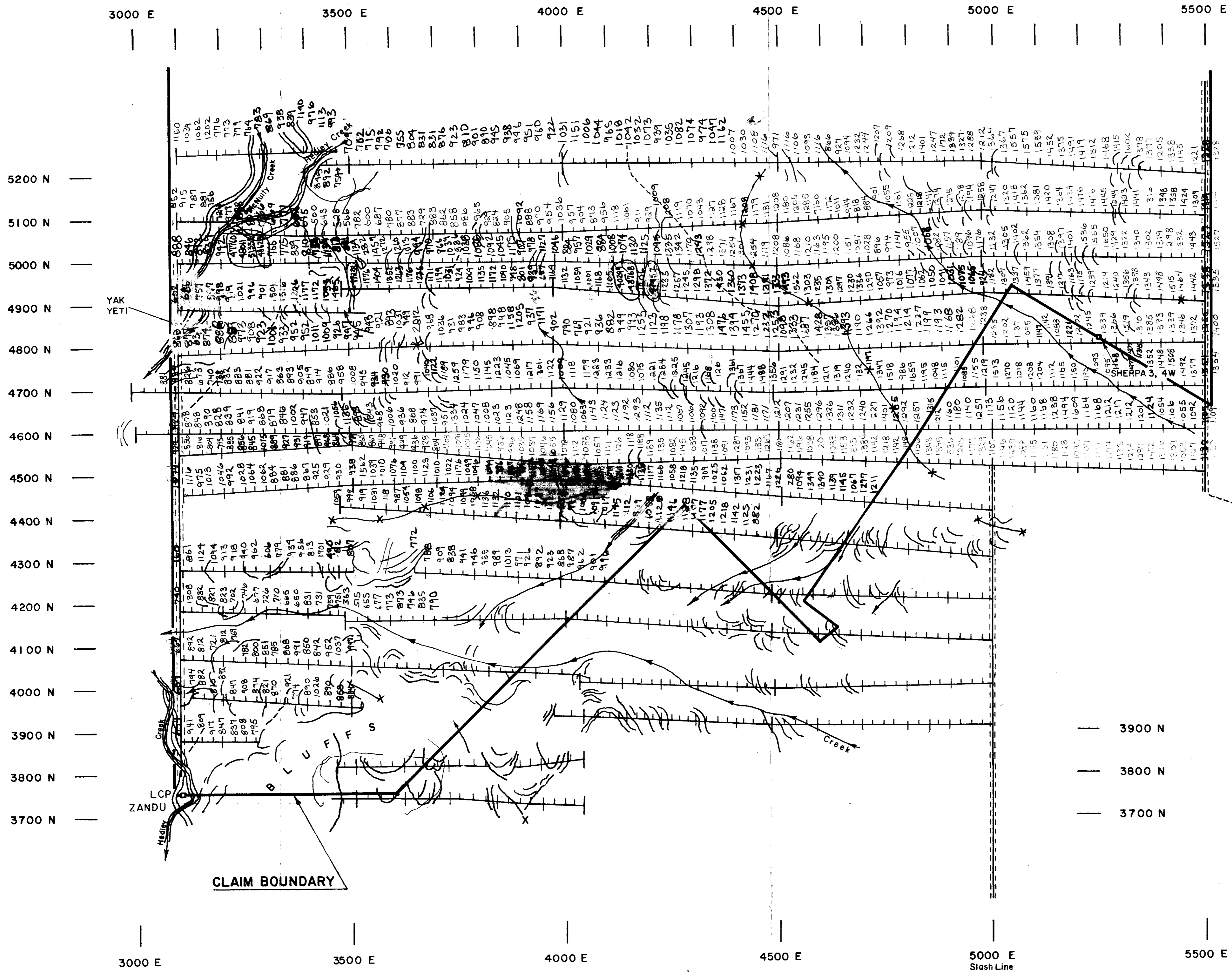
**GEOLOGY**

DRAWING NUMBER



CONSOLIDATED SEA GOLD CORP.	
0 100 200 300 400 500	
<ul style="list-style-type: none"> <li>≡≡≡ CUT LINE</li> <li>—+— STATION ON LINE</li> <li>— ROAD</li> <li>~ CREEKS &amp; DRAINAGE</li> <li>- - - TRAILS</li> <li>⋈ CLIFF</li> <li>X HEIGHT OF LAND</li> </ul>	17,430
<ul style="list-style-type: none"> <li>0.2 PART PER BILLION GOLD</li> <li>60 } TRESHOLD VALUES</li> <li>120 } GOLD P. P. B.</li> <li>240 }</li> <li>480 }</li> <li>960 }</li> </ul>	17,430
<b>YETI &amp; ZANDU CLAIMS</b>	
SCALE: 1: 5000	APPROVED BY:
DATE: Oct 1987	DRAWN BY: F. STUBER
<b>SOILS GEOCHEMISTRY: Au</b>	
	DRAWING NUMBER





CONSOLIDATED SEA GOLD CORP.

0 100 200 300 400 500

≡≡≡ CUT LINE  
 + STATION ON LINE  
 — ROAD  
 ~ CREEKS & DRAINAGE  
 - - - TRAILS  
 X CLIFF  
 X HEIGHT of LAND

. plotted data represents  
total field strength measured in d - 56,000

17,430

YETI & ZANDU CLAIMS

SCALE: 1: 5000	APPROVED BY:	DRAWN BY F. STUBER
DATE: Oct. 1987		REVISED:
Mag. Survey: Basic Data		
DRAWING NUMBER		

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

51  
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