

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.03.16

ASSESSMENT REPORT 17477

MINING DIVISION: Skeena

PROPERTY: Bow
LOCATION: LAT 56 23 00 LONG 129 48 00
UTM 09 6248818 450599
NTS 104A05W

CAMP: 050 Stewart Camp

CLAIM(S): Bow 1-39
OPERATOR(S): Brucejack Gold
AUTHOR(S): Kruckowski, E.R.; Sinden, G.; Konkin, K.
REPORT YEAR: 1988, 67 Pages

COMMODITIES
SEARCHED FOR: Gold, Silver, Copper

GEOLOGICAL
SUMMARY: The Bow Claims are underlain by favourable gold and copper-bearing volcanic and sedimentary rocks of the Unuk River, Betty Creek and Salmon River formations, Hazelton Group. Pyrite, chalcopyrite and minor galena occur in quartz sulphide veins, quartz-carbonate-sericite-pyrite alteration zones, and shear zones.

WORK
ONE: Geochemical
ROCK 114 sample(s) ;AU,AG
SILT 287 sample(s) ;AU,AG
Map(s) - 4; Scale(s) - 1:10 000

LOG NO. 0615	RD.
ACTION:	
FILE NO:	

GEOCHEMICAL REPORT
ON THE BOW CLAIMS
STEWART, BRITISH COLUMBIA
SKEENA MINING DIVISION
NTS 104A/5W
LATITUDE 56° 31'
LONGITUDE 129° 41'

BY

FILMED

E.R. KRUCHKOWSKI, B.Sc., P.Geol.
CONSULTING GEOLOGIST

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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17,477

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SUMMARY

The claims are located approximately 50 kilometers north-northeast of Stewart, British Columbia along Todd Creek in the Skeena Mining Division.

During October 1987 E.R. Kruchkowski personnel carried out reconnaissance stream sediment sampling, prospecting and rock geochemical sampling programs on the BOW Claims situated in the Skeena Mining Division of Northern British Columbia.

The Bow Claims are underlain by favorable gold and copper bearing volcanic and sedimentary units of the Unuk River, Betty Creek and Salmon River Formations of the Hazelton Group intruded by various granitic rocks.

The potential of encountering mineralized quartz sulphide veins, quartz-carbonate-sericite-pyrite altered zones and/or mineralized shear zones is considered good in the light of the anomalous silt sample BGS-KK-09 which assayed .188 ounces per ton gold.

The claims are adjacent to the known Todd Creek gold-copper deposit held in joint venture between Golden Nevada Resources and Noranda. Recent drilling intersections returned assay values varying from 0.117 - 0.348 ounces per ton gold and 0.23% - 1.50% copper over widths up to 32.6 feet.

Further work on the Bow Claims is recommended for 1988. The work should

include the following:

- detailed silt geochemical sampling
- prospecting
- trenching
- geological mapping

INTRODUCTION

This report is based on data obtained from field observations and samples collected from the Bow Claims and located in northern British Columbia approximately 50 kilometers by air north-northeast of Stewart, B.C., situated on the west side of Bowser Lake along the headwaters of Todd Creek.

E.R. Kruchkowski Consulting personnel carried out a program of stream sediment sampling, prospecting, rock geochemical sampling and trenching during October of 1987. The results of this work are presented within this report. Geochemical analysis were performed by Loring Laboratories Ltd. of Calgary, Alberta and Acme Analytical Laboratories Ltd. of Vancouver, British Columbia.

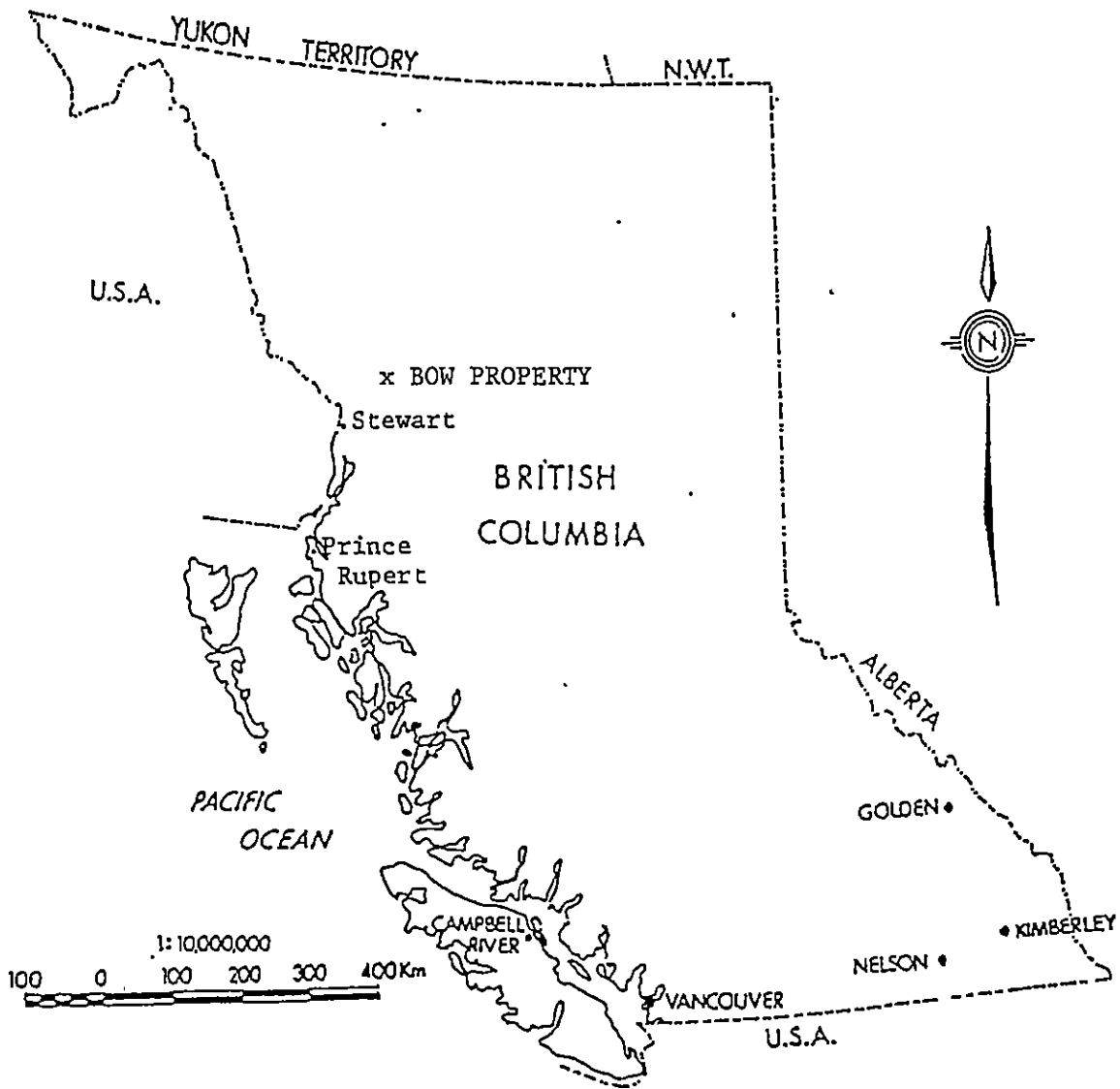
Location, Access and Physiography

The Bow Claims are located in Northwestern British Columbia, 50 kilometers north of Stewart, British Columbia, in the Skeena Mining Division, NTS 104A/5W (Figure 1).

The property is situated on the west side of Bowser Lake along the headwaters of Todd Creek at latitude $56^{\circ}31'$, longitude $129^{\circ}46'$.

At present access is by helicopter based in Stewart, British Columbia. A 38 kilometer summer road extending to the Tide Lake Airstrip from Stewart, B.C. can be used to reduce mobilization/demobilization expenses (approximately 22 km southwest of the headwaters of Todd Creek).

A newly constructed winter road cuts through the property. This road extends from the Cassiar-Stewart highway, east of Bowser Lake to the Newhawk Mining Camp, west of Brucejack Lake. The road has yet to be tested by the author.



GATEAR RESOURCES LTD.

FIGURE 1

PROPERTY INDEX MAP

The terrain is extremely rugged and steep with elevations ranging from 1300 feet to 7000 feet. Treeline is at 4000 feet.


Vegetation at the lower elevations consists of fir, hemlock and spruce while at upper elevations vegetation is limited to thin brush and minor hemlock.

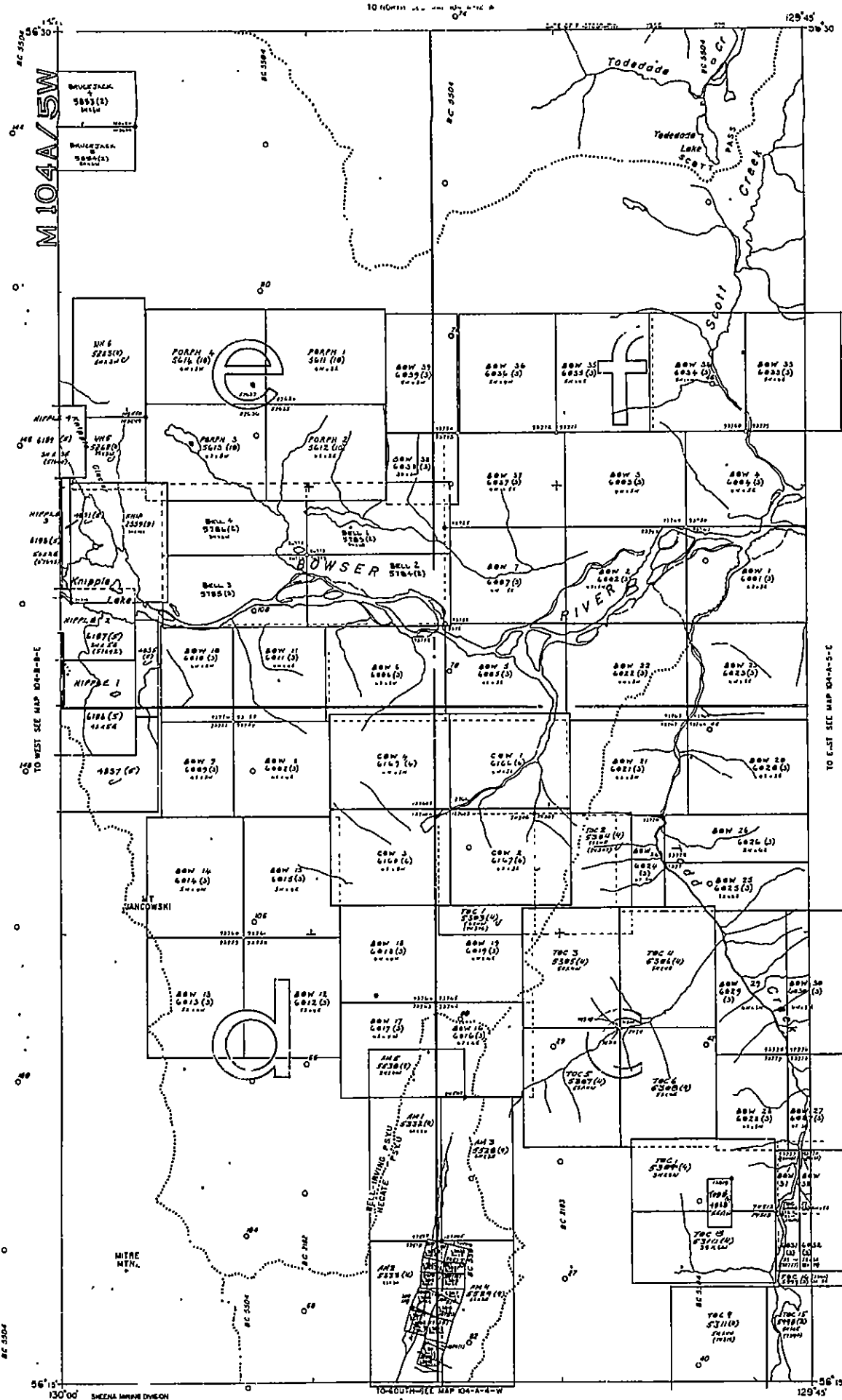
Water supply is plentiful as several glacial run-off streams drain into Bowser River and Todd Creek.

Property Ownership

The Todd Creek property consists of 656 units (Figure 2).

<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Record Date</u>
Bow 1	6001(3)	20	March 19, 1987
Bow 2	6002(3)	20	
Bow 3	6003(3)	20	
Bow 4	6004(3)	20	
Bow 5	6005(3)	20	
Bow 6	6006(3)	20	
Bow 7	6007(3)	20	
Bow 8	6008(3)	16	
Bow 9	6009(3)	12	
Bow 10	6010(3)	12	
Bow 11	6011(3)	16	
Bow 12	6012(3)	20	
Bow 13	6013(3)	20	
Bow 14	6014(3)	20	
Bow 15	6015(3)	20	
Bow 16	6016(3)	16	
Bow 17	6017(3)	16	
Bow 18	6018(3)	16	
Bow 19	6019(3)	16	
Bow 20	6020(3)	20	
Bow 21	6021(3)	20	
Bow 22	6022(3)	20	
Bow 23	6023(3)	20	
Bow 24	6024(3)	8	
Bow 25	6025(3)	12	
Bow 26	6026(3)	12	
Bow 27	6027(3)	12	
Bow 28	6028(3)	12	
Bow 29	6029(3)	18	
Bow 30	6030(3)	18	March 19, 1987





M 104A/5W



TO EAST SEE MAP M 104-A-5-C

130°00' SHEENA MAP DIVISION 10-40UTH-56C MAP 104-A-4-W 125°45'

- National Boundary
- Provincial Boundary
- Mining District Boundary
- City of Municipal Boundary
- Urban Boundary
- Township Boundary
- Section and Quarter Section (Coloured Areas)
- (Unshaded Areas)
- (No) Boundary
- Bridge
- Tunnel
- Power Transmission Line
- Pipeline
- Road - paved
- Road - unpaved
- Railway
- Back, fence, line
- Spot Height

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

VICTORIA B C

This map is prepared only as a guide to the location of mineral claims and other mining features as shown on the section 1:50,000. For current or more specific information, consultation should be made to the Mining Branch concerned.

Scale 1:50,000
 0 100 200 300 400 500 600 700 800 900 1000
 METERS
 0 100 200 300 400 500 600 700 800 900 1000
 FEET
 TO WEST SEE MAP M 104-B-1-E
 TO EAST SEE MAP M 104-A-5-C

M 104A/

<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Record Date</u>
Bow 31	6031(3)	5	March 19, 1987 ↑ ↓ March 19, 1987
Bow 32	6032(3)	15	
Bow 33	6033(3)	20	
Bow 34	6034(3)	20	
Bow 35	6035(3)	20	
Bow 36	6036(3)	20	
Bow 37	6037(3)	20	
Bow 38	6038(3)	9	
Bow 39	6039(3)	15	

Brucejack Gold holds a 50% working interest in the Todd Creek property.

History

The property history is relatively recent as follows:

- 1960 Newmont Mining Corporation conducted an exploration program consisting of diamond drilling (1150 feet), surface trenching and packsack drilling.
- 1969 Wilf Christians staked 6 claims for Kerr Addison Mines to cover the Newmont showings. No known work was conducted.
- Kerr Addison Mines transferred the claims to Wilf Christians who, in turn, transferred title to C.S. Powney.
- Trenching was carried out to fulfill assessment work.
- 1971 A.G. Hodgson conducted a two day geological mapping and sampling program. Values up to 2.0% copper and 0.25 oz/ton gold across narrow widths were obtained.
- 1981 60 units were staked by Dennis Gore and transferred to Riocanex Incorporated. Detailed mapping, prospecting, silt sampling and rock sampling programs were carried out. These claims were later dropped and picked up by Noranda.
- 1987 Golden Nevada Resources Inc. entered into an agreement with Noranda Exploration to acquire 50% interest in the Todd Creek property.

Surface trenching and diamond drilling programs were conducted. Surface trenching returned values of 0.214 oz/ton gold over 14.7 feet. Drill results returned values up to .348 oz/ton gold over 5.7 feet.

Personnel & Operations

Personnel involved during the 1987 program were as follows:

E.R. Kruchkowski Consulting Ltd.

- E.R. Kruchkowski, Geologist
Oct. 14 - Oct. 27
- K. Konkin, Geologist
Oct. 14 - Oct. 27
- B. Buchanin, Geologist
Oct. 14 - Oct. 27
- G. Sinden, Geological technologist
Oct. 14 - Oct. 27
- F. LongPre, Prospector
Oct. 14 - Oct. 27
- D. Blanc, Assistant
Oct. 14 - Oct. 27
- D. Brown, Blaster
Oct. 14 - Oct. 27
- Conrad Hoffman, Assistant
Oct. 14 - Oct. 27
- B. Johannson, Assistant
Oct. 14 - Oct. 27

Personnel involved in the project were accommodated in a tent camp located on the Bow 21 claim block and utilized a Vancouver Island Bell 206 Jet Ranger and a Bell 204 for transportation to and from the work site. Supplies for the program were purchased in Stewart, British Columbia.

GEOLOGICAL SURVEYS

Regional Geology

The Bow Claims lie in the Stewart area east of the Coast Crystalline Complex and within the western boundary of the Bowser Basin. Rocks in the area belong to the Mesozoic Hazelton Group and have been intruded by plugs of both Cenozoic and Mesozoic age.

At the base of the Hazelton Group is the Lower Jurassic marine (submergent) and non-marine (emergent) volcanoclastic Unuk River Formation. This is overlain at steep discordant angles by a second, lithologically very similar, Middle Jurassic volcanic cycle (the Betty Creek Formation), in turn overlain by Middle and Upper Jurassic non-marine and marine sediments (with minor volcanics) of the Salmon River.

The oldest rocks in the area belong to the Lower Jurassic Unuk River Formation which forms a north-northwesterly trending belt extending from Alice Arm to the Iskut River. It consists of green, red and purple volcanic breccia, volcanic conglomerate, sandstone and siltstone with minor crystal and lithic tuff, limestone, chert and coal. Also included in the sequence are pillow lavas and volcanic flows.

In the property area the Unuk River Formation is unconformably overlain by Lower Middle and Middle Jurassic rocks from the Betty Creek and Salmon River Formations, respectively. The Betty Creek Formation is another cycle of trough-filling submarine pillow lavas, broken pillow breccias, andesitic and basaltic flows, green, red, purple and black volcanic breccia, with self erosional conglomerate, sandstone and siltstone, and minor crystal and lithic tuffs, chert, limestone and lava. The overlying Salmon River Formation is a late to post volcanic episode of banded, predominately dark coloured, siltstone, greywacke, sandstone, intercalated

calcarenite, minor limestone, argillite, conglomerate, littoral deposits, volcanic sediments and minor flows.

According to E.W. Grove, the majority of the rocks from the Hazelton Group were derived from the erosion of andesitic volcanoes subsequently deposited as overlapping lenticular beds varying laterally in grain size from breccia to siltstone.

There are various intrusives in the area. The granodiorites of the Coast Plutonic Complex largely engulf the Mesozoic volcanic terrain to the west. East of these, smaller intrusive plugs range from quartz monzonite to granite to highly felsic; some are, likely, related late phase offshoots of the Coast plutonism, others are synvolcanic or Tertiary. Double plunging, northwesterly-trending synclinal folds of the Salmon River and underlying Betty Creek Formations dominate the structural setting of the area. These folds are locally disrupted by small east-overthrusts (Tippy Lake, Knipple Lake) on strikes parallel to the major fold axis, cross-axis steep wrench faults which locally turn beds, selective tectonization of tuff units, and major northwest faults which turn beds. Figure 4 shows the Regional Geology.

Local Geology

The property area is underlain by rocks belonging to the Hazelton Group. Volcanic sediments, volcanic flows and sedimentary units of the Unuk River, Betty Creek and Salmon River Formations are encountered.

The southeastern region of the property area contains red, purple and green volcanic breccia, conglomerate, siltstone, sandstone, lithic tuff and crystal tuff. The lithic and crystal tuffs are weakly to strongly silicified along sheared or faulted zones, particularly along exposed valley bottoms. Barren milky-white

quartz veins intrude these rocks of the Unuk River Formation along the southern portion of Todd Creek. Several gossanous, very well silicified zones are encountered along Todd Creek on the Eastern region of the property. These pyritic, silicified gossans appear to be hosted by the Betty Creek Formation of similar description to the rocks of the Unuk River Formation.

The northeastern regions encompass siltstone, greywacke and sandstones of the sedimentary Salmon River Formation. The siltstone and argillite units are black, fissil and contain belemnites and cherty concretions. The unit locally oxidizes a limonitic orange colour.

The central region of the property area includes volcanic breccias, siltstone and sandstones of the Betty Creek and Unuk River Formations. Locally minor wedges of sandstone, siltstone and greywacke of the Salmon River Formation appear.

The western section of the property is predominately crystal and lithic tuff with volcanic breccia, sandstone, and minor siltstone. Various small unmapped eocene feldspar porphyry plugs, stocks and dykes are encountered throughout the property.

A small wedge of schist, phyllite and semischist, sericitically altered, is located on the north valley wall of Bowser River. The property area is sheared and offset by regional block faulting.

Mineralization

The Stewart area of British Columbia has been the focus of considerable mineral exploration, especially for precious metals, since the turn of the century. Currently several precious metal prospects in the area are being

explored. The important developments in the area in recent years included the mining at the Granduc Mine, the start-up of the Scottie Gold Mine in 1981, the ongoing exploration of the Silbak-Premier and Big Missouri prospects by Westmin Mineral Resources and the exploration of the Sulphurets camp by Newhawk-Granduc and Catear Resources.

1. Silbak-Premier - During the period 1918 to 1968, 4,670,170 tons of ore were mined containing 1,804,318 ounces of gold, 40,863,280 ounces of silver, 4,083,635 pounds of copper, 54,628,047 pounds of lead and 17,468,730 pounds of zinc. The property is currently under exploration by Westmin Resources Ltd.

The ore is restricted to several sulphide-rich shoots enclosed within essentially barren quartz-pyrite zones. Both the ore shoots and the surrounding barren quartz zones are enclosed by irregular zones of quartz-pyrite-sericite alteration. The ore shoots consist of sphalerite, galena, chalcopyrite, pyrrhotite, argentite, tetrahedrite, mercury and electrum within a gang of quartz-calcite-barite.

Three types of ore occurred in the mine including: (1) stephanite native silver (2) "black sulphide" ore, and (3) lower grade siliceous ore. The surface bonanza ores (stephanite-native silver) and the black sulphide ores contained up to 5% mercury. Silver content within galena averaged 1 oz/ton but ranged up to 55 oz/ton.

In recent years, some geologists have interpreted the ore zones as volcanogenic exhalations.

2. Big Missouri - From 1927 to 1942 the Big Missouri Mine produced 847,615 tons of ore containing 58,384 ounces of gold, 52,677 ounces of silver, and 2,712 pounds of lead. The prospect is currently being

explored by Westmin Resources; in 1983 this company published open pit reserves of 1.9 million tons averaging 0.1 oz/ton gold.

The ore body has been described as a 200-foot fracture zone laced with quartz-calcite veinlets. The veinlets contain varying but generally small amounts of galena, sphalerite and chalcopryrite. The ore occurs within chloritic schists which have been sericitized, silicified, and pyritized. Silicification would appear to be the most persistent form of alteration. Recent talks by Harlan Meade of Westmin Resources indicate the possibility that the Big Missouri might contain a number of small lenses of exhalative sulphides with associated alteration zones.

3. Scottie Gold - The Scottie Gold Mine began operation in 1981 at which time reserves were reported as 175,000 tons grading 0.75 oz/ton gold.

Mineralization is described as consisting of erratic, discontinuous masses of sulphide mineralization occurring within siliceous replacement bodies. Sulphides include pyrrhotite, pyrite, arsenopyrite and chalcopryrite with minor sphalerite and galena.

4. Granduc Mine - The Granduc Mine was opened by Esso Minerals Ltd. in 1980 at which time the indicated reserves were 10,890,000 tons using a cut-off of 1.79% copper. The mine closed again in 1983.

5. Cumberland-Daly - Gold-silver-lead-zinc mineralization was also found near the mouth of Sulphurets Creek, about ten kilometers east of the Esso Minerals prospects. These showings, discovered in the 1930's, include two types. One type consists of sheared fissure veins containing quartz, calcite, barite, pyrite, galena, sphalerite, stibnite, tetrahedrite, and argentite. These mineralized lenses are small and irregular but can

carry high amounts of silver. The second type consists of quartz replacement zones containing pyrite, pyrrhotite, chalcopyrite, sphalerite, galena and gold. A grab sample from one of these returned 0.26 oz/ton gold, 2.4 oz/ton silver in addition to some base metals.

6. Tom MacKay - This prospect is owned by Stikine Silver Ltd. In 1973 the inferred reserves were reported as 107,200 tonnes using a 0.25 oz/ton gold cut-off.

The mineralization consists of stockworks of quartz veins irregularly mineralized with pyrite, tetrahedrite, sphalerite, galena, chalcopyrite and arsenopyrite. These stockworks occur within prominent oxidized knolls or domes.

7. Goat Ridge Mine - This mine, owned by Noradco Mines Ltd., has undergone sporadic development since 1978. In 1979 indicated reserves were estimated at between 500,000 and 1,000,000 tonnes grading 1% to 2% lead, 4% zinc and 80 gm/ton silver.

Mineralization consists of sphalerite, arsenopyrite, pyrite, galena, freibergerite within three siderite-quartz-calcite veins.

8. Newhawk- Granduc - The deposits are as follows:

<u>ZONE</u>	<u>CATEGORY</u>	<u>TONS</u>	<u>AU OZ/T</u>	<u>AG OZ/T</u>
West	Drill	535,765	0.332	21.06
	Indicated			
West	Inferred	480,965	0.332	21.06
Total		1,016,730	0.332	21.06
West Zone				
Shore	Inferred	539,776	0.263	27.23
Gossan	Inferred	27,639	1.940	3.51
Hill				
Total	Indicated	1,584,145	0.336	22.86
Brucejack area	& Inferred			

9. Catear - The deposit is as follows:

<u>ZONE</u>	<u>CATEGORY</u>	<u>TONS</u>	<u>AU OZ/T</u>	<u>AG OZ/T</u>
Golden	Drill	146,437	0.837	2.56
Rocket	Indicated			
	Drill	145,479	0.837	2.56
	Inferred			
<u>Total Golden Rocket</u>		<u>291,916</u>	<u>0.837</u>	<u>2.56</u>

The above gold-silver discoveries are structurally controlled, epithermal-mesothermal veins occurring in areas of syenodiorite intrusions and associated with areas of intense sericite (quartz-pyrite) alteration.

Economic Geology

No significant in place gold or silver mineralization has been located, at present, on the property.

During 1987 work concentrated on silt sampling and on finding previously undiscovered quartz sulphide veins, quartz-carbonate-sericite-pyrite altered zones and mineralized shear zones.

Silt sampling has returned values as high as .188 ounce per ton gold. Rock geochemical samples in the vicinity of Golden Nevada's property produced assays up to .160 ounce per ton gold. Other areas returned silver assays of up to 6.80 ounce per ton silver.

Trenching was conducted over a highly silicified pyritic gossan zone located on the west shore of Todd Creek. This zone which is situated 260 meters south of camp failed to yield any significant gold or silver values.

The work program to date has assisted in delineating high priority areas.

A deposit of very similar nature occurs to the south on Golden Nevada/
Noranda's adjacent Todd Creek property.

Recent results released by Golden Nevada Resources Inc. outlined three
mineralized zones on their Todd Creek property.

The South zone is a 900 meter long and 15 meter wide fault controlled
quartz-sericite-pyrite alteration zone. Chip sampling averaged 0.119
ounces per ton gold over 270 meters and 0.65% copper across three meters.

The North zone returned values of 0.153 ounces per ton gold across three
meters in a quartz sulphide vein system.

The Mid zone consists of mineralized shear zones and quartz sulphide veins
with values up to 0.96 ounces per ton gold. Boulders from a quartz-
carbonate-sericite-pyrite alteration zone graded up to 0.845 ounces per
ton gold. Some of the trench results are:

<u>TRENCH</u>	<u>WIDTH FEET</u>	<u>GOLD OZ/T</u>	<u>CU %</u>
8	19.7	0.174	0.49
10	29.5	0.109	1.20
11	14.7	0.214	0.52
13	9.8	0.128	0.23
15	9.8	0.130	0.66

Drilling on the South zone substantiated surface assays. Grades of gold
mineralization improved with depth. Some of the drilling results are:

<u>HOLE NO</u>	<u>INTERSECTION FEET</u>	<u>WIDTH FEET</u>	<u>GOLD OZ/T</u>	<u>COPPER %</u>
5	181.6-187.3	5.7	0.348	1.50
7	200.0-204.9	4.9	0.117	0.70
8	190.6-210.8	20.2	0.200	0.23
	including			
	196.5-203.1	6.6	0.317	0.40
9	196.5-203.1	6.6	0.317	0.40
	232.8-265.4	32.6	0.183	0.32
	including			
	234.4-237.7	3.3	0.181	0.97
	244.3-246.5	2.2	0.160	0.28
	256.8-262.1	5.3	0.238	0.57

Brucejack Gold's Todd Creek property presents good economic potential citing encouraging results from Golden Nevada's property as an example of a deposit similar mineralogically and structurally. A good possibility exists that auriferous quartz sulphide veins and auriferous quartz-carbonate-sericite-pyrite alteration zones may be discovered. The property is an excellent gold exploration target. Further work is essential to explore the Todd Creek property to determine its true economic potential.

GEOCHEMICAL SURVEYS

Rock Geochemistry

Chip samples within 1 metre radius

A total of 114 rock geochemical samples were collected from the Bow Claims during October 1987. The samples were selected on the basis of mineralization and or alteration.

The samples were shipped to Loring Laboratories Ltd. of Calgary, Alberta where they were crushed, split and ground to a -80 mesh. The samples were then analysed using standard geochemical methods (Appendix 1).

Results of the program indicate anomalous gold and silver values in the survey area. The sample sites are shown on Figure 4 to Figure 9.

The samples have been statistically treated and plotted on cumulative frequency graph paper. The lower or normal distribution values which plot as a straight line were used to determine background and anomalous values. Based on the plots in Appendix IV the anomalous and background values are as follows:

<u>Metal</u>	<u>Background</u>	<u>Anomalous</u>
Gold	10 ppb	100 ppb
Silver	.8 ppm	1.7 ppm

Using the above threshold number, weakly anomalous values are considered being 1-2 times threshold, moderately anomalous 2-3 times threshold and strongly anomalous as greater than 3 times threshold. As a result the geochemical program indicates several gold and silver anomalies ranging from weak to strong on the Bow 10, 20, 21, 23 and Bow 31 claims. Sampling of trenches west of the Bow 31 Claim returned several moderate to strong

gold and silver anomalies. Sampling was carried out in order to evaluate the economic potential of the Bow Claims.

In comparison to the 1974-1976 Granduc Surveys and the Bighorn 1987 survey on their Sulphurets properties the Bow Claims results were remarkably similar in terms of background and anomalous values for gold and silver in rocks. The Granduc survey indicated that results over 1 ppm silver and 100 ppb gold were anomalous, while Bighorn's results indicate results over 2.6 ppm silver and 105 ppb gold were considered anomalous. The above survey compares very closely with the 1.7 ppm silver and 100 ppb gold found in the Brucejack Gold survey.

Silt Geochemistry

Samples taken with a trowel, from active channel, screened into gold pan, bagged.

A total of 287 silt samples were collected during the course of the rock geochemical program. These samples were collected and placed in numbered kraft sample bags and subsequently shipped to Loring Laboratories Ltd. of Calgary, Alberta. They were dried, crushed and ground to a -80 mesh. The samples were then analysed using standard geochemical methods for Au and Ag. (Appendix 1)

The results are plotted on cumulative frequency graph paper with the straight line plot considered the normal distribution. Using these plots indicates the following background and threshold volumes:

<u>Metal</u>	<u>Background</u>	<u>Threshold</u>
Gold	10 ppb	25 ppb
Silver	0.3 ppm	1.0 ppm

Using the above threshold number, weakly anomalous values were considered as 1-2 times threshold, moderately anomalous as 2-3 times threshold and strongly anomalous as greater than 3 times threshold.

The silt sampling program highlighted several areas worthy of followup. Numerous weak to strongly anomalous gold and silver values were found on the Bow 2, 4, 5, 7, 20, 21, 23 and 33 claims.

Anomalies occurring on the Bowser River and Todd Creek may be concentrations due to winnowing action.

Bow 21 had several intersecting highly anomalous gold and silver values. Results up to 0.188 oz per ton gold and 3.8 ppm silver were obtained from a creek draining east into Todd Creek.

It is recommended that all areas of anomalous gold in rocks and silts be investigated by further sampling.

TO CAMP
260 METERS

Rhyolite
flow ?

BGR-GS-17 to
BGR-GS-25

T1
(see blowup)

tuffaceous
andesite

weakly
Pyritic

not
sampled

T2

TODD CREEK



BRUCEJACK GOLD LTD.
TODD CREEK PROPERTY
BOW 21 CLAIM
FIGURE 8
TRENCH LOCATION MAP AND
ROCK GEOCHEMICAL SAMPLE SITES

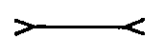
T3
BG-BB-55 (Nil, 0.2)
BG-BB-56 (5, 1.0)
BG-BB-57 (Nil, 0.2)
BG-BB-60 (Nil, 0.8)
pebbly
unconsolidated
fracture filling
T5

T4
BG-BB-58 (Nil, 0.4)
BG-BB-59 (Nil, 0.4)

andesite
weakly pyritic
ankorite

ankorite

LEGEND

 TRENCH

0 10 20 30 40 Meters

1:500

CONCLUSIONS

1. The area is underlain by favourable gold and copper bearing volcanic and sedimentary units of the Unuk River, Betty Creek and Salmon River Formations.
2. The claims are adjacent to recent gold-copper discoveries to the south on the Golden Nevada Resources/Noranda joint venture. Drilling had intersected assays varying from 0.117 - 0.348 ounce per ton gold and 0.23% - 1.50% copper over widths up to 32.6 feet.
3. Rock geochemical samples taken while prospecting returned values up to 0.16 ounce per ton gold and 6.80 ounce per ton silver.
4. Silt sampling yielded an anomalous value of .188 ounces per ton gold.
5. A further program consisting of prospecting, silt geochemistry, geological mapping and trenching is recommended for the property.

RECOMMENDATIONS

1. Detailed Silt Geochemistry

Sampling should be conducted every 50 meters along stream beds on the property.

2. Prospecting

All structural features on the property should be carefully prospected in order to evaluate the mineral potential. Special attention should be given to quartz sulphide veins, quartz-carbonate-sericite-pyrite altered zones and mineralized shear zones.

3. Trenching

Trenching would be conducted in areas of newly discovered mineralization to obtain fresh samples for assaying as well as evaluation for indicator minerals.

4. Geological Mapping

The property should be mapped in conjunction with silt sampling and prospecting programs. Detailed mapping would be conducted in areas of newly discovered mineralization.

STATEMENT OF EXPENDITURES

Personnel

E. Kruchkowski	Geologist	14 days @ \$400/day	\$5,600.00
K. Konkin	Geologist	14 days @ \$200/day	2,800.00
B. Buchanon	Geologist	14 days @ \$200/day	2,800.00
G. Sinden	Geotechnologist	14 days @ \$165/day	2,310.00
F. LongPre	Geotechnologist	14 days @ \$150/day	2,100.00
D. Brown	Blaster	14 days @ \$185/day	2,590.00
D. Blanc	Assistant	14 days @ \$150/day	2,100.00
B. Johannson	Assistant	14 days @ \$150/day	2,100.00
C. Hoffman	Assistant	14 days @ \$125/day	<u>1,750.00</u>

\$24,150.00

Food

\$20 per day x 126 man days 2,560.00

Camp

\$25 per day x 126 man days 3,150.00

Geochemical Analysis

\$15 per sample x 472 samples 7,080.00

Helicopter

20.9 hours at \$590 per hour (Bell 206) 12,331.00

4.5 hours at \$1200 per hour (Bell 204) 5,400.00

Generator Rental

\$15 per day x 14 days 210.00

Cobra Drill Rental

\$90 per day x 14 days 1,260.00

Fuel, explosives

1,000.00

Freight

200.00

Communications/Expediting Costs

500.00

Consumable Supplies

1,500.00

Mob/Demob - Pro rated

5,000.00

Report writing/Drafting/Administration

5,000.00

\$69,341.00

STATEMENT OF COSTS TO BE APPLIED TO CLAIM GROUPINGS

<u>Claim Group</u>	<u>Number of Units</u>	<u>% of Work to be Applied</u>	<u>Cost of Work to be Applied</u>
Bow 1, 2, 3, 4	80	12.195	\$ 7,999.92
Bow 33, 34, 35, 36, 39	95	14.482	9,500.20
Bow 24, 25, 27, 28, 29, 30, 31, 32	100	15.244	10,000.06
Bow 20, 21, 22, 23, 26	92	14.024	9,199.74
Bow 9, 10, 11, 12, 13, 14	100	15.244	10,000.06
Bow 8, 15, 16, 17, 18, 19	100	15.244	10,000.06
Bow 5, 6, 7, 37, 38	89	13.567	8,899.96
	<hr/>	<hr/>	<hr/>
Total	656 units	100%	\$65,600.00

REFERENCES

- GROVE, E.W., 1986
Geology and Mineral Deposits of the Unuk River - Salmon River -
Anyox Area
British Columbia Ministry of Energy, Mines and Petroleum Resources
Bulletin No. 63
- HODGSON, A.G., 1971
Geological Report on Todd Group of Claims - Stewart Area -
Skeena Mining Division, B.C.
- WOODCOCK, J.R.; GORG, D., 1982
Riocanex Incorporated
Geological Report on Todd Creek Property on 104A-5W
- WOODCOCK, J.R., 1984
Geological Report on Todd Creek Property -
Skeena Mining Division on 104A-5W
- LISLE, T.E., 1986
Square Gold Explorations Inc.
Geological Report on the AM-Virgina K Mineral Claims
Skeena Mining Division - Latitude 56°17'; Longitude 129°53';
NTS 104A/5W
- MINISTER OF MINES AND PETROLEUM RESOURCES
Province of British Columbia
Annual Report 1960
- WORLD INVESTMENT NEWS - Volume 1 - Issue 12 - November 1987
- VANCOUVER STOCKWATCH NEWS RELEASES -
September 11, 1987
November 6, 1987
November 13, 1987

CERTIFICATE

I, EDWARD R. KRUCHKOWSKI, Geologist, residing at 23 Templeside Bay, N.E., in the City of Calgary, in the Province of Alberta, hereby certify that:

1. I received a Bachelor of Science degree in Geology from the University of Alberta in 1972.
2. I have been practising my profession continuously since graduation.
3. I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
4. I am a consulting geologist on behalf of Brucejack Gold Ltd.
5. This report is based on a review of reports, documents, maps and other technical data on the property area and on my experience and knowledge of the area obtained during programs in 1974 - 1987.

June 13, 1988
Date



E.R. Kruchkowski, B.Sc.

CERTIFICATE

I, KENNETH J. KONKIN, Geologist, residing at 4117 Burkerridge Place, in the City of West Vancouver, in the Province of British Columbia, hereby certify that:

1. I received a Bachelor of Science degree in Geology from the University of British Columbia in 1985.
2. I have been practicing my profession continuously since graduation.
3. I am a consulting geologist working on behalf of E.R. Kruckowski Consulting Ltd.
4. This report is based on a review of reports, documents, maps and other technical data, and field work carried out by myself from June 26 to October 23, 1987, and on my experience and knowledge of the area.
5. I hold no direct interest in the property.

June 13, 1988
DATE

Kenneth Konkinn
K.J. KONKIN, B.Sc.

CERTIFICATE

I, GORDON W. SINDEN, currently residing at 2607 - 123, 10th Avenue S.W., Calgary, Alberta T2R 1K8, hereby certify that:

1. I am a geological technologist and have practiced my profession since 1977.
2. I am a graduate of the Northern Alberta Institute of Technology (1977) in Mineral Resources Technology.
3. I am a Registered Engineering Technologist with the Alberta Society of Engineering Technologists.
4. This report is based on a review of reports, documents, maps and other technical data on the property area and my own experience and knowledge of the area obtained during programs in 1982 - 1987.
5. I visited the Bow Claims from October 14 to October 27 and carried out the work described in this report.

June 13, 1988
Date

Gordon Sinden
Gordon W. Sinden, R.E.T.

APPENDIX I
ANALYTICAL INFORMATION

LABORATORY:

Loring Laboratories Ltd.
Calgary, Alberta

MESH SIZE:

-80/stream sediments
-80/rocks

EXTRACTION:

For Cu: HNO₃/HClO₄ to dryness
taken up in HCl

For Pb/Zn: Nitric-Perchloric dissolution
to dryness, taken up in dilute HCl

For Au/Ag: Fire Assay fusion, cupellation
and acid dissolution of precious
metal bead.

ANALYSIS:

Atomic absorption

LABORATORY:

Acme Analytical Laboratories
Vancouver, British Columbia

PROCEDURE:

.500 Gram sample is digested with 3ML 3-1-2
HCL-HNO3-H2O at 95 Deg.C for one hour and is
diluted to 10 ml with water. This leach is
partial for MN FE CA P LA CR MG BA TI B W and
limited for NA and K. Au detection Limit by
ICP is 3 ppm.

-- sample type: P1-3 rock P4-5 soil

Au Analysis by AA from 10 gram sample

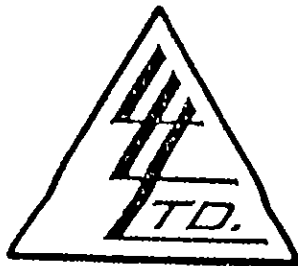
ANALYSIS:

ICP

APPENDIX II

ROCK GEOCHEMICAL ANALYSIS

To: BRUCEJACK GOLD LTD.,
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8



File No. 30616
 Date November 9, 1987
 Samples Rock

ATTN: Ed Kruchkowski

Certificate of
 ASSAY OF

LORING LABORATORIES LTD.

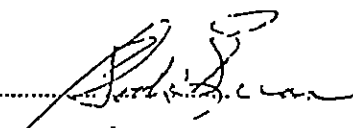
Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
<u>"Rock Samples"</u>		
<u>"Assay Analysis"</u>		
BG -DB-01	.001	.05
02	.003	.05
04	Trace	.03
08	.002	.01
12	Trace	.02
16	Trace	.04
BGR-GS- 1	.001	.05
2	Trace	.05
3	.002	.04
4	Trace	.06
5	.003	Trace
8	.002	.04
9	.008	.03
10	.001	.05
11	Trace	.14
12	Trace	.06
13	Trace	.04
14	Trace	.01
15	.001	.03

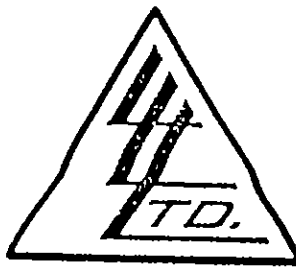
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.

Pulps Retained one month
 unless specific arrangements
 made in advance.


 Assaver

To: BRUCEJACK' GOLD LTD.,
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8



File No. 30616
 Date November 9, 1987
 Samples Rock

ATTN: Ed Kruchkowski

Certificate of
 ASSAY OF

LORING LABORATORIES LTD.

Page # 2

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
BGR-GS-16	Trace	.09
BGR-KK- 1	.001	.03
2	.001	.04
3	Trace	.05
4	.002	.04
5	Trace	.05
6	.001	.10
7	.002	.02
8	Trace	.02
9	Trace	.04
10	.003	Trace
11	.002	.05
12	.002	.04
13	.001	.05
14	.107	.25
15	.007	.04
16	.160	Trace
17	.002	.02
18	.030	.36
19	.002	Trace
20	.017	.72

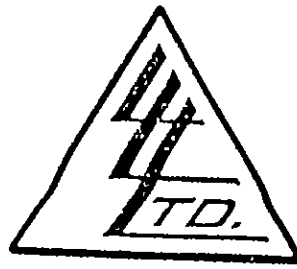
I Herely Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

[Signature]
 Assayer

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8

File No. 30616
 Date November 9, 1987
 Samples Rock



Certification of
 ASSAY OF

LORING LABORATORIES LTD.

Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
BG -BB-02	.003	.08
03	Trace	.05
04	.002	.03
05	.003	.03
06	.001	Trace
07	Trace	.04
08	.001	.01
09	.002	Trace
10	.003	.07
11	.001	.02
12	.007	Trace
13	.004	.05
14	Trace	.03
15	.002	.04
16	.003	.04
17	.001	.08
18	.002	.03
19	.004	6.80
20	.006	2.60
21	.002	2.37
22	.001	1.62

I hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

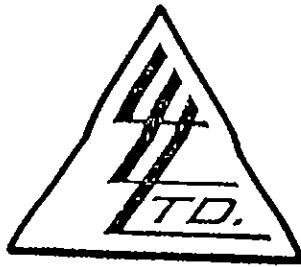
Rejects Retained one month.

Plugs Retained one month
 unless specific arrangements
 made in advance.

[Signature]
 Analyst

To: BRUCEJACK GOLD LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

ATTN: Ed Kruckowski



File No. 30616
Date November 9, 1987
Samples Rock

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ASSAY

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Page # 4

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER
BG -BB-23	.002	1.58
24	.001	.57
25	.002	6.21
26	Trace	3.86
27	.001	2.95
28	.002	.03
29	.004	.04
30	.001	.02

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

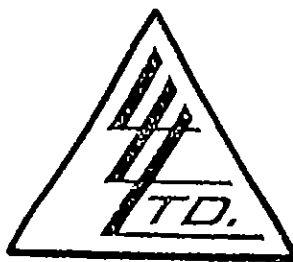
Rejects Retained one month.

Imps Retained one month
unless specific arrangements
made in advance.


LORING

To: BRUCEJACK GOLD LTD.,
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8

File No. 30616-1
 Date November 20, 1987
 Samples Rock



Certificate of
 ASSAY of

LORING LABORATORIES LTD.

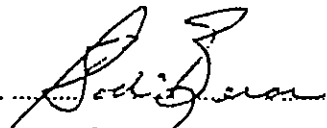
Page # 1

SAMPLE No.	% Cu	% Pb	% Zn
<u>"Assay Analysis"</u>			
BG-DB-01	.01	.02	.01
02	Trace	.02	Trace
04	Trace	.01	.02
08	Trace	.05	Trace
12	Trace	.01	Trace
16	Trace	.02	.01
BGR-GS- 1	Trace	.02	.02
2	Trace	.01	Trace
3	Trace	.02	Trace
4	Trace	.02	.01
5	Trace	.03	.01
8	Trace	.02	.01
9	Trace	.02	.01
10	Trace	.02	.02
11	Trace	.04	.03
12	Trace	.18	.01
13	Trace	.03	.02
14	Trace	.04	.01
15	Trace	.04	.01
16	Trace	.02	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

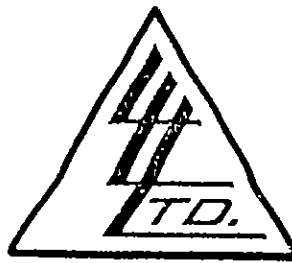
Rejects Retained one month.

Pulps Retained one month
 unless specific arrangements
 made in advance.


 Assayer

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8

File No. 30616-1
 Date November 20, 1987
 Samples Rock



Certificate of
 ASSAY of

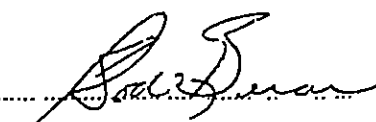
LORING LABORATORIES LTD.

Page # 2

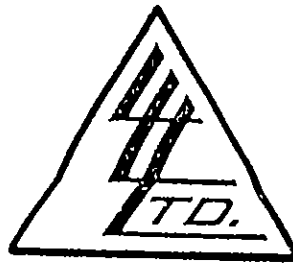
SAMPLE No.	% Cu	% Pb	% Zn
BGR-KK- 1	Trace	.03	.01
2	Trace	.02	.01
3	Trace	.03	.01
4	Trace	.02	Trace
5	Trace	.03	Trace
6	Trace	.02	.06
7	Trace	.04	.02
8	Trace	.02	.01
9	Trace	.03	.02
10	Trace	.03	.01
11	.01	.04	.01
12	Trace	.03	.02
13	Trace	.03	Trace
14	1.88	.05	.03
15	.01	.04	.01
16	.57	.18	.24
17	.06	.03	.03
18	2.62	.03	.05
19	.51	.05	.05
20	1.35	.07	.14
BG-BB- 02	.08	.29	.02

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.


 Assayer

To: BRUCE JACK GOLD LTD.,
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8



File No. 30616-1
 Date November 20, 1987
 Samples Rock

ATTN: Ed Kruchkowski

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 3

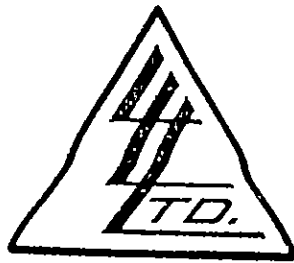
SAMPLE No.	% Cu	% Pb	% Zn
BG-BB- 03	.03	.02	.01
04	.02	.02	.01
05	.01	.02	.01
06	.01	.22	.03
07	.01	.02	.01
08	.01	.03	Trace
09	.01	.02	Trace
10	Trace	.02	.02
11	.01	.02	.01
12	.01	.62	.01
13	Trace	.01	.10
14	Trace	.01	.01
15	.01	.01	.02
16	Trace	.02	.01
17	Trace	.03	.01
18	Trace	.02	.17
19	.03	.49	.06
20	.01	.21	.08
21	.01	.52	.08
22	.01	.66	.12
23	Trace	.03	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Ed Kruchkowski
 Assayer

To: BRUCEJACK GOLD LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8



File No. 30616-1
Date November 20, 1987
Samples Rock

ATTN: Ed Kruchkowski

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ASSAY

LORING LABORATORIES LTD.

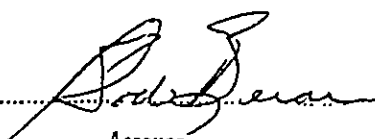
Page # 3

SAMPLE No.	% Cu	% Pb	% Zn
BG-BB- 24	Trace	.31	.08
25	Trace	.35	.05
26	Trace	.03	.03
27	Trace	.20	.07
28	Trace	.02	.01
29	Trace	.02	.01
30	.01	.02	.04

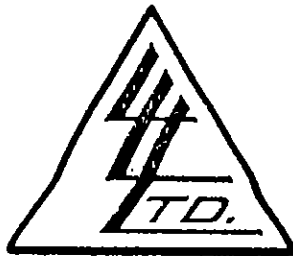
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.

Pulps Retained one month
unless specific arrangements
made in advance.


Assayer

To: BRUCE JACK GOLD LTD.,
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8



File No. 30685
 Date December 10, 1987
 Samples Rock

ATTN: Ed. Kruchkowski

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Page # 1

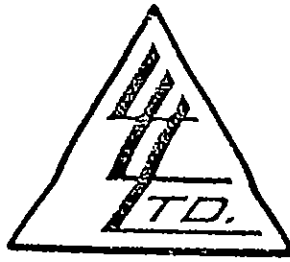
SAMPLE No.	PPB Au	PPM Ag
<u>"Rock Samples"</u>		
Geochemical Analysis		
BG-BB-31	NIL	0.3
32	NIL	NIL
33	NIL	0.1
34	10	0.1
35	NIL	0.1
36	NIL	0.2
37	5	0.3
38	NIL	0.2
39	10	0.3
40	NIL	0.2
41	NIL	0.6
42	NIL	0.2
43	NIL	1.1
44	NIL	0.8
45	5	1.4
46	NIL	0.4
47	NIL	0.3
48	NIL	0.5
49	NIL	0.3
50	30	1.0
51	NIL	0.6
52	NIL	NIL
53	NIL	1.0
54	35	1.1
55	NIL	0.2
56	5	1.0
57	NIL	0.2
58	NIL	0.4

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . .

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Ed. Kruchkowski
 Assayer

To: BRUCEJACK GOLD LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8



File No. 30685
Date December 10, 1987
Samples Rock

ATTN: Ed Kruckowski

Certificate of
ASSAY of
LORING LABORATORIES LTD.

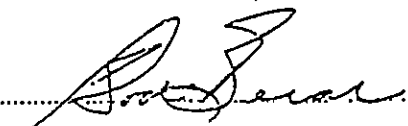
Page # 2

SAMPLE No.	PPB Au	PPM Ag
BG-BB-59	NIL	0.4
60	NIL	0.8
BGR-GS-17	NIL	1.1
18	NIL	0.6
19	NIL	0.8
20	NIL	0.9
21	NIL	0.6
22	NIL	0.5
23	NIL	1.3
24	NIL	1.1
25	NIL	0.7
6	NIL	0.4
7	NIL	0.5

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.

Pulps Retained one month
unless specific arrangements
made in advance.

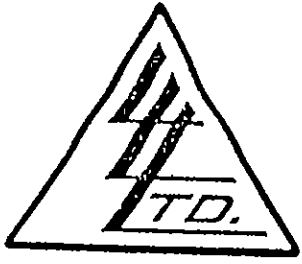

.....
Ed Kruckowski

APPENDIX III

SILT GEOCHEMICAL ANALYSIS

To: BRUCEJACK GOLD LTD.
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8
ATTN: Ed. Kruchkowski

File No. 30615
Date November 9, 1987
Samples Silt



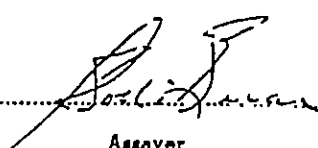
Certificate of
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LORING LABORATORIES LTD.

Page # 1

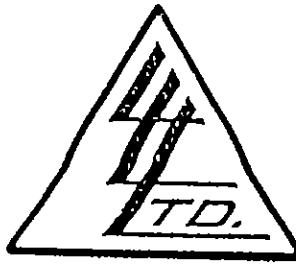
SAMPLE No.	OZ./TON GOLD
<p>"Silt Sample" "Assay Analysis" BGS-KK-09</p>	<p>.188</p>

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
Pulps Retained one month
unless specific arrangements
made in advance.


Assayer

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8



File No. 30615
 Date November 9, 1987
 Samples Silt

ATTN: Ed Kruchkowski

Certificate of
 ASSAY OF

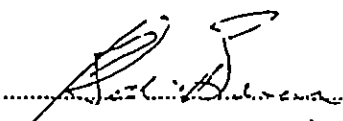
LORING LABORATORIES LTD.

Page # 2

SAMPLE No.	PPB- Au	PPM Ag
<u>"Silt Samples"</u>		
Geochemical Analysis		
BGS-DB- 3	NIL	0.2
6	NIL	0.2
7	NIL	0.1
10	NIL	0.3
11	NIL	0.2
13	NIL	0.2
14	NIL	0.2
15	NIL	0.1
17	NIL	0.1
18	NIL	0.1
19	5	0.3
20	NIL	0.4
21	5	0.1
22	NIL	0.2
23	NIL	0.2
24	NIL	0.1
25	NIL	0.4
26	NIL	1.4
27	NIL	0.4
28	NIL	0.7
29	5	13.2
30	NIL	1.9
31	NIL	7.0
32	NIL	1.2
33	NIL	1.6
34	5	0.5
35	NIL	4.2
36	NIL	9.5

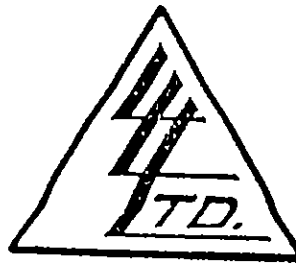
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.


 Assayer

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8

File No. 30615
 Date November 9, 1987
 Samples Silt



Certificate of
 ASSAY OF

LORING LABORATORIES LTD.

Page # 3

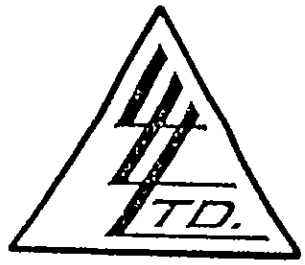
SAMPLE No.	PPB Au	PPM Ag
BGS-DB-38	NIL	14.6
39	NIL	6.0
40	NIL	0.2
41	NIL	0.2
42	NIL	0.1
43	NIL	0.2
44	NIL	0.1
45	NIL	0.1
46	NIL	0.1
47	NIL	0.1
48	NIL	0.1
49	NIL	0.4
50	NIL	0.2
51	NIL	0.2
52	NIL	0.1
53	NIL	NIL
54	NIL	0.3
55	5	0.1
56	NIL	0.2
57	NIL	0.2
58	NIL	0.4
59	5	0.3
60	NIL	0.2
61	NIL	0.2
62	NIL	0.5
63	35	0.6
64	NIL	0.9
65	5	1.3
81	65	0.2
85	5	0.2
89	NIL	0.3

I, *[Signature]* Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

[Signature]
 Assayer

To: BRUCEJACK GOLD LTD.,
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8



File No. 30615
 Date November 9, 1987
 Samples Silt

ATTN: Ed Kruchkowski

Certificate of
 ASSAY OF

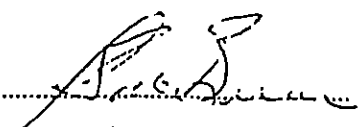
LORING LABORATORIES LTD.

Page # 4

SAMPLE No.	PPB Au	PPM Ag
BGS-GS-01	NIL	0.2
02	NIL	0.3
03	NIL	0.5
04	5	0.7
05	NIL	0.2
06	NIL	0.2
07	NIL	0.3
08	NIL	0.5
09	NIL	0.1
10	NIL	0.1
11	NIL	0.3
12	NIL	0.2
13	NIL	0.2
14	NIL	0.2
15	NIL	0.1
16	NIL	NIL
17	5	NIL
18	NIL	0.1
19	NIL	0.8
20	5	0.2
21	NIL	0.3
22	NIL	0.5
23	NIL	0.1
24	5	0.3
25	NIL	0.6
26	10	0.8
27	5	0.6
28	5	0.8
29	NIL	0.7
30	NIL	0.8
31	10	1.2

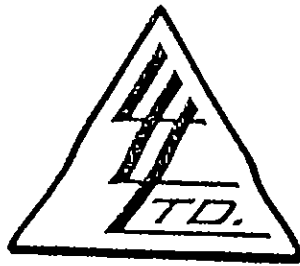
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Refractometers Retained one month.
 Pulps Retained one month
 unless specific arrangements
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 Assayer

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8

File No. 30615
 Date November 9, 1987
 Samples Silt



ATTN: Ed Kruchkowski

**Certificate of
 ASSAY OF
 LORING LABORATORIES LTD.**

Page # 5

SAMPLE No.	PPB Au	PPM Ag
BGS-GS-32	10	1.4
33	NIL	1.4
34	NIL	0.6
35	NIL	0.4
36	5	0.4
37	10	0.3
38	NIL	0.6
39	5	0.4
40	5	0.3
BGS-KK-01	750	1.4
02	350	0.8
03	80	0.6
04	115	0.6
05	20	0.4
06	5	0.4
07	845	2.1
08	285	0.8
09	+1000	3.8
10	760	2.3
11	710	1.0
12	75	0.7
13	105	0.7
14	5	0.5
15	895	0.8
16	15	0.4
17	100	0.6
18	285	0.9
19	135	1.1
20	90	2.2
21	45	1.1
22	10	0.9

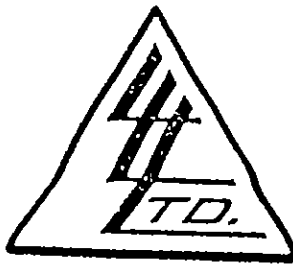
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
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[Signature]
 Assayer

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8

File No. 30615
 Date November 9, 1987
 Samples Silt



Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 6

SAMPLE No.	PPB Au	PPM Ag
BGS-KK-23	25	0.7
BG -FL-11	NIL	0.3
12	NIL	0.1
13	NIL	0.3
14	5	0.1
15	5	0.2
16	NIL	0.3
17	NIL	0.2
18	NIL	0.3
19	NIL	0.3
21	NIL	0.1
22	65	0.3
42	NIL	0.1
43	NIL	0.2
44	NIL	0.2
45	NIL	0.1
46	NIL	0.1
47	275	0.3
48	NIL	0.3
49	NIL	0.2
50	NIL	0.1

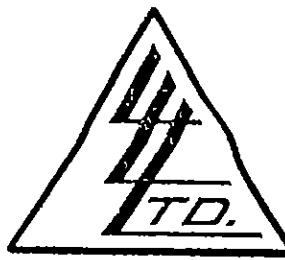
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pumps Retained one month
 unless specific arrangements
 made in advance.

[Signature]
 Assayer

To: BRUCEJACK GOLD LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

File No. 30681
Date December 10, 1987
Samples Silt



ATTN: Ed Kruchkowski

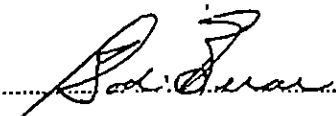
Certificate of
ASSAY

LORING LABORATORIES LTD.

Page # 1

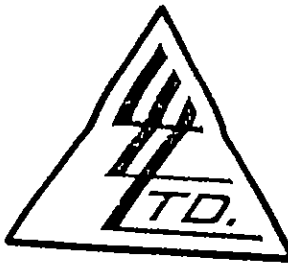
SAMPLE No.	OZ./TON GOLD
<p>"Silt Sample" "Assay Analysis" BGS-FL-80 BGS-DB-72</p>	<p>.128</p> <p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>

Rejects Retained one month.
Pulps Retained one month
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Assayer

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8

ATTN: Ed Kruchkowski



File No. 30681
 Date December 10, 1987
 Samples Silt

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 2

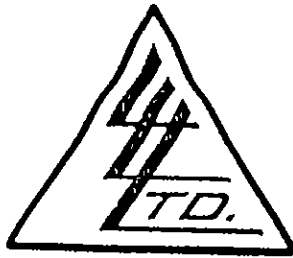
SAMPLE No.	PPB	PPM
	Au	Ag
<u>"Silt Samples"</u>		
Geochemical Analysis		
BGS-GS-41	NIL	
42	5	0.3
43	NIL	0.6
44	NIL	0.4
45	NIL	0.2
46	NIL	0.3
47	NIL	0.3
48	NIL	0.4
49	NIL	0.3
50	NIL	0.5
51	NIL	0.4
52	NIL	0.5
53	NIL	0.7
54	NIL	0.5
55	NIL	0.6
56	NIL	0.2
57	NIL	0.3
58	NIL	0.3
59	15	0.1
60	NIL	0.2
61	NIL	0.2
62	NIL	0.1
63	NIL	0.1
64	NIL	0.5
65	NIL	0.3
66	10	0.1
67	NIL	0.4
68	NIL	NIL
		0.2

I Herby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

Ed Kruchkowski
 Assaver

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8



File No. 30681
 Date December 10, 1987
 Samples Silt

ATTN: Ed Kruchkowski

Certificate of
 ASSAY

LORING LABORATORIES LTD.

Page # 3

SAMPLE No.	PPB Au	PPM Ag
BGS-GS-69	NIL	0.1
70	NIL	0.2
71	NIL	0.1
72	15	0.3
73	NIL	0.2
74	NIL	0.1
75	NIL	0.1
76	NIL	0.2
77	NIL	NIL
78	NIL	0.3
79	30	0.2
80	10	0.7
81	NIL	0.5
82	NIL	0.3
83	NIL	0.4
84	NIL	0.5
85	NIL	0.4
86	NIL	0.6
87	5	0.4
88	15	0.4
89	NIL	0.3
90	5	0.3
91	NIL	0.2
92	10	0.3
BGS-DB-66	145	0.1
67	5	0.1
68	NIL	0.3
69	NIL	0.2
70	NIL	0.3
71	5	0.2
72	725	0.2

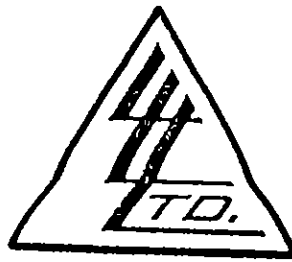
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.

Pulps Retained one month
 unless specific arrangements
 made in advance.

[Signature]
 Assayer

To: BRUCEJACK GOLD LTD.,
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8



File No. 30681
 Date December 10, 1987
 Samples Silt

ATTN: Ed Kruckowski

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

Page # 4

SAMPLE No.	PPB Au	PPM Ag
BGS-DB-73	5	0.2
74	5	0.2
75	5	0.3
76	NIL	NIL
77	NIL	0.1
78	700	NIL
79	10	0.1
80	NIL	0.1
81	55	0.2
82	NIL	0.2
83	NIL	0.1
84	NIL	0.5
85	30	1.0
86	NIL	0.3
87	10	0.3
88	NIL	0.5
89	NIL	0.3
90	130	0.4
91	15	0.4
92	10	0.8
BGS-FL-01	NIL	0.4
02	NIL	0.3
03	NIL	0.3
05	NIL	2.7
06	NIL	0.3
07	NIL	0.5
08	NIL	0.4
09	NIL	0.3
10	NIL	0.3
23	NIL	0.3
24	NIL	0.1

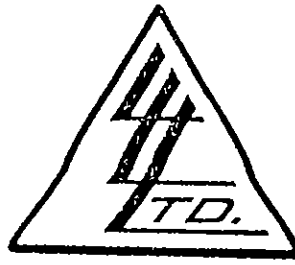
I *Hereby Certify* THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
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Ed Kruckowski
 Assayer

To: BRUCEJACK GOLD LTD.
 400, 255 - 17th Avenue S.W.
 Calgary, Alberta T2S 2T8

File No. 30681
 Date December 10, 1987
 Samples Silt



Certificate of
 ASSAY of

LORING LABORATORIES LTD.

Page # 5

SAMPLE No.	PPB	PPM
	Au	Ag
BGS-FL-25	10	0.2
26	5	0.2
27	NIL	NIL
28	NIL	0.2
29	NIL	0.3
30	NIL	0.2
31	NIL	0.2
32	NIL	0.6
33	NIL	0.2
34	5	NIL
35	NIL	0.4
36	NIL	0.3
37	NIL	3.6
38	NIL	0.4
40	NIL	0.3
41	NIL	0.1
52	NIL	0.2
53	NIL	0.3
54	NIL	0.1
55	NIL	0.1
56	NIL	0.2
57	NIL	0.3
58	NIL	0.2
59	NIL	0.2
60	NIL	0.3
61	NIL	0.3
62	NIL	0.1
64	NIL	0.3
65	650	0.2
66	NIL	0.2
67	NIL	0.1

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

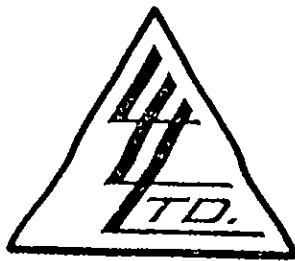
Rejects Retained one month.

Pulps Retained one month
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[Signature]
 Assayer

To: BRUCEJACK GOLD LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

ATTN: Ed Kruchkowski



File No. 30681
Date December 10, 1987
Samples Silt

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 6

SAMPLE No.	PPB Au	PPM Ag
BGS-FL-69	NIL	0.3
70	NIL	0.2
71	NIL	0.6
72	NIL	0.3
73	NIL	0.3
74	NIL	0.5
75	NIL	0.8
76	NIL	0.3
77	NIL	0.3
78	995	0.5
79	NIL	0.8
80	+1000	0.8
81	NIL	0.9
82	NIL	0.7
83	245	0.8
84	NIL	0.8
85	NIL	0.6
86	NIL	0.9
87	105	0.4
88	NIL	0.8
89	NIL	0.8
90	110	0.5
91	NIL	1.2
92	NIL	0.2

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
Pulps Retained one month
unless specific arrangements
made in advance.


Assayer

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CR	P	LA	CR	MG	BA	TI	B	AL	NA	K	M	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	PPM	%	%	%	PPM	PPB
KK-310	1	3374	908	1895	81.1	4	78	461	18.54	11587	12	3	2	44	17	212	30	32	1.86	.018	2	5	.33	7	.01	2	.69	.03	.03	1	4810
KK-311	1	488	487	472	10.3	3	34	1337	13.92	1720	5	ND	2	1	1	5	9	52	1.03	.031	2	2	.61	9	.01	3	1.12	.04	.03	2	2420
KK-312	1	1052	564	1457	28.1	5	64	217	23.92	3565	7	4	3	2	15	29	11	25	.03	.013	2	1	.25	2	.01	2	.45	.01	.02	1	5515
KK-313	1	1262	734	8512	37.2	4	311	847	13.69	8923	5	3	2	3	92	298	56	52	.12	.028	2	1	.84	10	.01	2	1.56	.02	.01	1	3940
KK-314	1	1015	2444	253	155.3	7	194	28	30.87	34945	19	8	3	2	2	875	91	11	.01	.010	2	1	.03	3	.01	2	.09	.01	.02	2	11420
KK-315	1	237	1583	1020	44.2	5	62	25	24.54	1218	5	4	2	2	11	42	45	4	.01	.002	2	1	.03	3	.01	2	.02	.01	.02	2	7990
KK-316	4	1566	532	11890	22.2	4	109	1267	10.62	3270	5	ND	1	4	132	72	19	44	.20	.023	2	4	1.32	7	.01	2	2.39	.02	.01	1	1805
KK-317	1	2339	960	1822	23.3	5	15	1035	10.31	675	5	ND	1	4	17	3	3	56	.19	.043	2	4	.99	21	.01	4	2.44	.02	.03	1	780
KK-318	3	1649	903	7320	14.1	5	15	990	9.12	714	5	ND	1	4	25	2	9	51	.22	.042	2	4	.94	7	.01	2	2.09	.02	.07	1	720
KK-319	13	20564	18421	28347	294.4	2	4	6018	16.46	192	5	ND	3	28	310	15681	2	15	.49	.038	2	1	.15	49	.01	2	.26	.02	.09	1	1995
KK-320	3	105	422	1748	12.8	4	11	1552	4.35	25	4	ND	2	110	25	2	2	49	5.46	.145	7	2	1.16	107	.01	3	1.08	.03	.16	1	23
KK-321	2	281	942	709	58.5	4	12	1066	4.83	14	5	ND	1	108	5	41	2	46	2.67	.148	5	5	1.31	101	.01	2	1.55	.04	.15	1	20
KK-322	3	146	4480	4311	35.2	3	5	426	2.56	70	5	ND	1	86	156	67	2	9	1.30	.085	3	1	.37	127	.01	23	.27	.03	.15	1	36
KK-323	1	392	2412	5310	28.3	5	13	940	5.15	30	5	ND	1	50	85	56	2	50	1.08	.158	4	4	1.06	87	.01	4	1.31	.04	.21	1	26
KK-324	4	294	925	5897	15.2	4	13	1319	4.99	17	5	ND	1	65	71	13	2	46	1.68	.143	4	7	.99	116	.01	2	1.13	.04	.16	1	18
KK-325	1	122	47	246	7.5	5	13	1323	5.02	11	5	ND	3	49	2	2	2	100	2.13	.158	8	7	1.75	168	.03	3	2.14	.04	.16	1	9
KK-326	2	1372	731	2609	16.3	5	12	983	10.80	832	5	ND	2	4	25	2	4	58	.12	.049	4	4	1.04	19	.01	2	2.37	.02	.07	1	1045
KK-327	19	12	38	27	2.1	3	9	87	6.73	84	5	ND	2	11	1	2	2	3	.33	.099	10	1	.04	7	.03	7	.33	.05	.20	3	5
KK-328	28	15	25	35	.2	1	3	152	4.66	32	5	ND	1	9	1	2	2	4	.21	.059	8	1	.19	17	.12	4	.60	.05	.15	1	8
* KK-329	1	14	28	35	2.1	13	2	545	.98	16	5	ND	1	1187	1	2	2	4	10.36	.006	2	4	.22	17	.01	2	.25	.01	.03	3	3
TR-85	2	7574	20	207	12.3	7	11	3574	12.93	105	15	2	3	108	1	2	2	55	7.81	.047	8	13	2.42	21	.01	2	3.22	.01	.04	22	2475
TR-86	14	37	35	27	3.9	4	29	182	14.39	291	5	ND	2	15	1	2	2	48	.17	.089	3	3	.27	3	.01	4	.36	.02	.21	3	905
TR-87	9	105	22	39	2.2	10	15	333	9.74	220	5	ND	1	9	1	2	2	50	.76	.078	3	12	.48	5	.01	4	.57	.02	.17	2	560
TR-88	15	25	29	23	3.0	4	24	283	8.88	198	5	ND	3	18	1	2	3	38	.76	.127	10	1	.34	5	.01	2	.50	.03	.17	3	645
TR-89	2	47	14	61	1.1	3	6	910	5.54	67	5	ND	1	8	1	2	2	128	.40	.169	3	5	1.69	40	.01	4	1.71	.03	.13	1	170
TR-90	5	21	24	28	2.5	3	34	766	18.27	238	5	ND	2	4	1	2	2	46	.25	.029	4	3	.42	3	.01	4	.44	.02	.10	1	195
TR-91	2	82	15	117	.4	5	11	1017	6.11	54	5	ND	1	13	1	2	2	190	1.36	.153	5	11	1.50	34	.17	4	2.49	.06	.09	2	14
TR-92	2	37	14	113	.5	22	24	1066	8.60	58	19	ND	1	12	1	2	2	191	1.57	.105	4	19	2.46	18	.44	2	2.15	.08	.03	1	11
TR-93	2	30	8	123	.5	11	28	1050	9.13	10	7	ND	2	18	1	2	2	217	2.11	.131	9	5	1.36	72	.51	4	2.90	.07	.01	2	4
STD C/AU-R	19	61	39	132	7.4	69	28	1058	4.04	40	23	7	39	51	18	18	20	58	.48	.088	38	60	.85	182	.08	35	1.81	.08	.14	13	500

140 4' chip
 1070 5.5' chip
 160 3.0' chip
 3.3-3.7 Character

672

ASSAY CERTIFICATE

- SAMPLE TYPES Back Only

DATE RECEIVED: NOV 16 1987

DATE REPORT MAILED: Nov 26/87

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

File # 87-5652

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	TH	CD	SB	BI	AU	
	%	%	%	%	OZ/T	%	%	%	%	%	%	%	%	%	%	OZ/T	
KL-GS-01	.001	33	1.53	.93	9.48	.01	.01	.02	1.26	.01	.002	.01	.01	.01	.01	.001	
KL-GS-02	.010	80	22.20	31.77	27.67	.01	.01	.04	3.00	.02	.002	.01	.23	.03	.01	.001	
KL-GS-03	.008	74	53.90	23.47	31.32	.01	.01	.05	2.75	.01	.002	.01	.16	.04	.01	.001	
KL-GS-04	.002	3	32.83	10	3.57	76.90	.01	.01	.01	3.41	.01	.002	.01	.03	.13	.01	.002
KL-GS-05	.009	1.83	5.96	26.71	32.83	.01	.01	.10	5.02	.04	.002	.01	.19	.10	.01	.002	
KL-GS-06	.008	84	24.90	20.04	32.94	.01	.01	.15	5.16	.03	.002	.01	.15	.05	.01	.001	
KL-GS-07	.005	39	35.80	7.75	49.20	.01	.01	.06	2.85	.03	.002	.01	.07	.07	.01	.004	
KL-GS-08	.010	51	5.20	27.35	10.64	.01	.01	.11	5.07	.01	.003	.01	.21	.02	.01	.001	
KL-GS-09	.006	37	13.22	9.65	13.94	.01	.01	.14	5.32	.01	.003	.01	.09	.02	.01	.001	
KL-GS-10	.003	.07	9.94	4.44	12.97	.01	.01	.17	5.38	.01	.002	.01	.04	.02	.01	.001	

KL-GS-11	.002	58	66.20	3.97	114.13	.01	.01	.10	2.61	.07	.002	.01	.04	.45	.01	.001
KL-BB-1	.014	31	40.20	24.84	37.40	.01	.01	.06	2.86	.01	.002	.01	.20	.04	.01	.004
KL-BB-2	.003	1.19	33.80	3.27	109.86	.01	.01	.20	5.99	.11	.007	.01	.03	.23	.01	.003
KL-BB-3	.007	1.63	4.14	16.25	92.14	.01	.01	.35	9.60	.27	.004	.01	.13	.16	.01	.004

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	TH	CD	SB	BI	AU
	%	%	%	%	OZ/T	%	%	%	%	%	%	%	%	%	%	OZ/T
KL-01	.001	15	32	68	14.64	.01	.01	.29	7.12	.01	.002	.01	.01	.01	.01	.001
KL-03	.001	55	11.34	19.74	15.14	.01	.01	.20	5.18	.02	.002	.01	.14	.01	.01	.001
KL-04	.001	18	.01	.84	24.39	.01	.01	.19	6.18	.01	.002	.01	.01	.06	.01	.001
KL-05	.001	35	1.52	8.04	49.98	.01	.01	.21	6.29	.04	.002	.01	.06	.09	.01	.001
KL-06	.001	67	4.84	12.59	62.09	.01	.01	.11	3.61	.04	.002	.01	.09	.15	.01	.003
KL-07	.001	55	4.88	5.78	27.90	.01	.01	.07	2.75	.03	.002	.01	.04	.04	.01	.001
KL-18	.001	2.51	1.89	.40	218.19	.01	.01	.02	5.87	.18	.002	.01	.01	.21	.01	.002

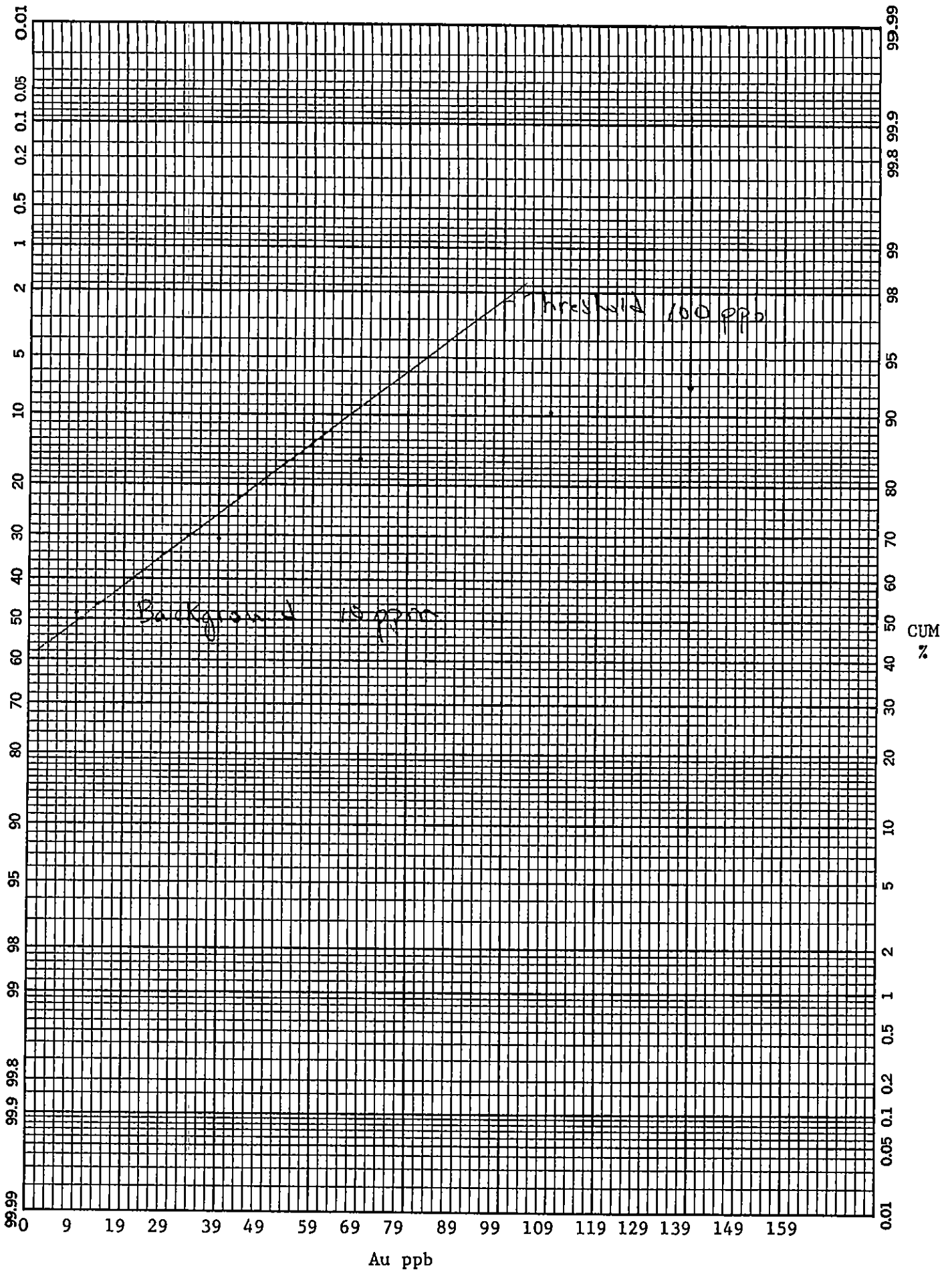
Re-assays *

* Originally by J.C.P.

FILE # 87-5009

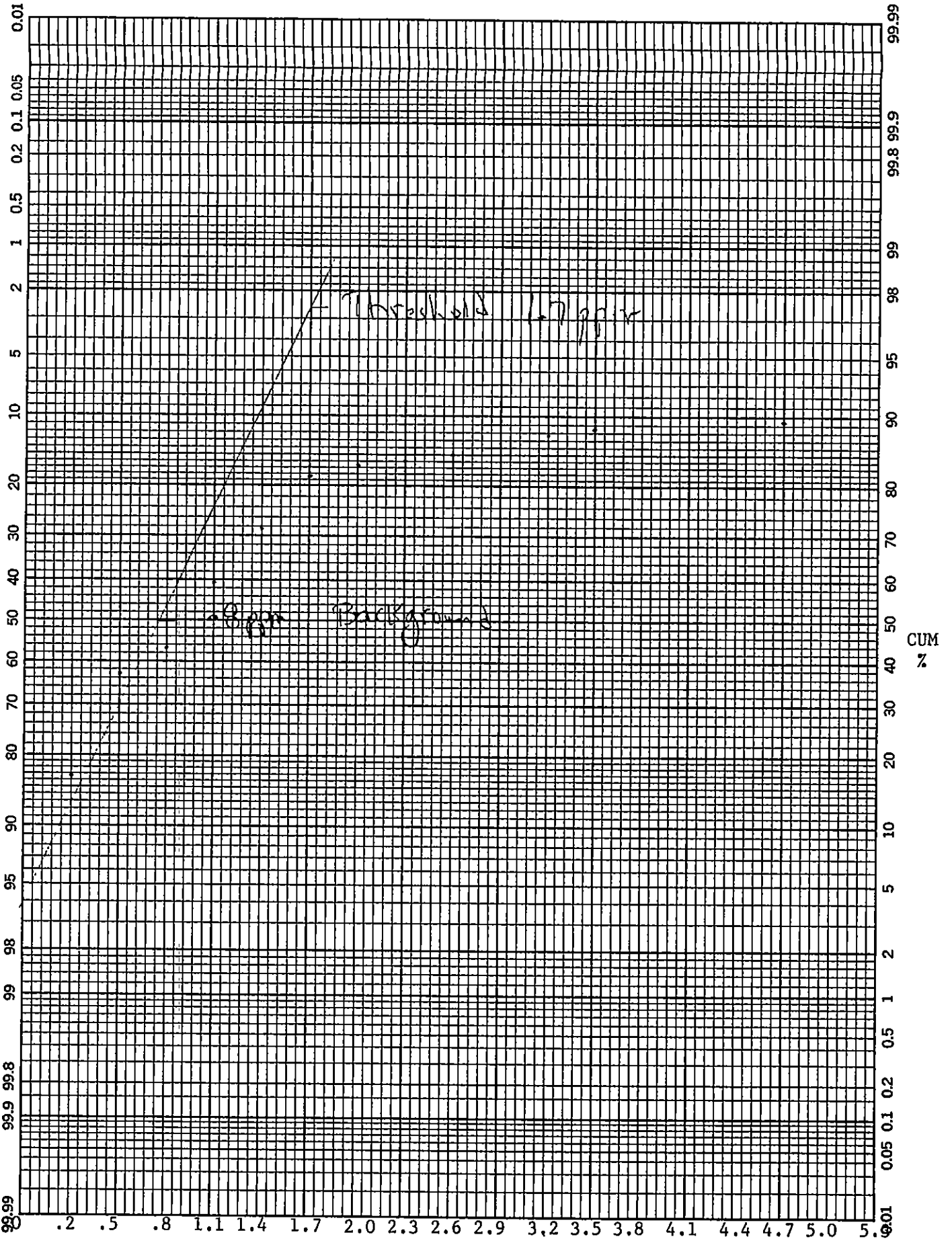
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	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
* KK-330	1	41	10	78	.1	78	7	395	3.52	26	5	NO	2	346	1	2	4	25	3.06	.032	11	64	1.18	63	.01	5	1.61	.01	.12	1	6
* KK-331	7	41	21	100	.6	64	14	706	6.38	159	5	NO	1	102	1	2	2	44	2.37	.048	8	38	.98	45	.01	8	1.83	.02	.16	1	1
* KK-332	3	61	7	128	.5	91	12	631	3.93	63	5	NO	2	187	1	3	5	32	1.83	.033	10	61	.05	86	.01	5	1.53	.01	.18	1	3

APPENDIX IV
CUMULATIVE FREQUENCY CHARTS



46 8003

K.E. KEUFFEL & ESSER CO. MADE IN U.S.A.



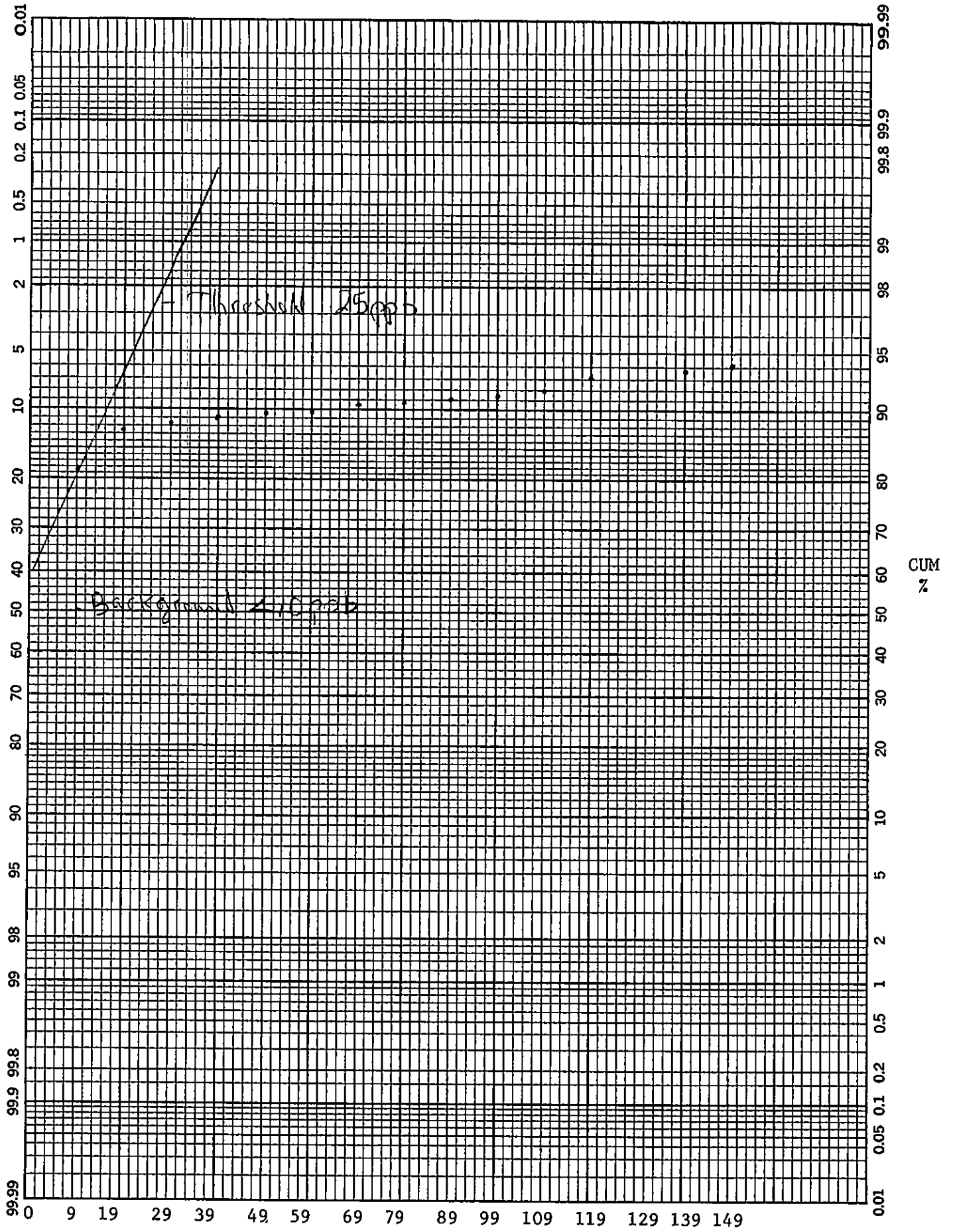
46 8003

PROBABILITY X 90 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.



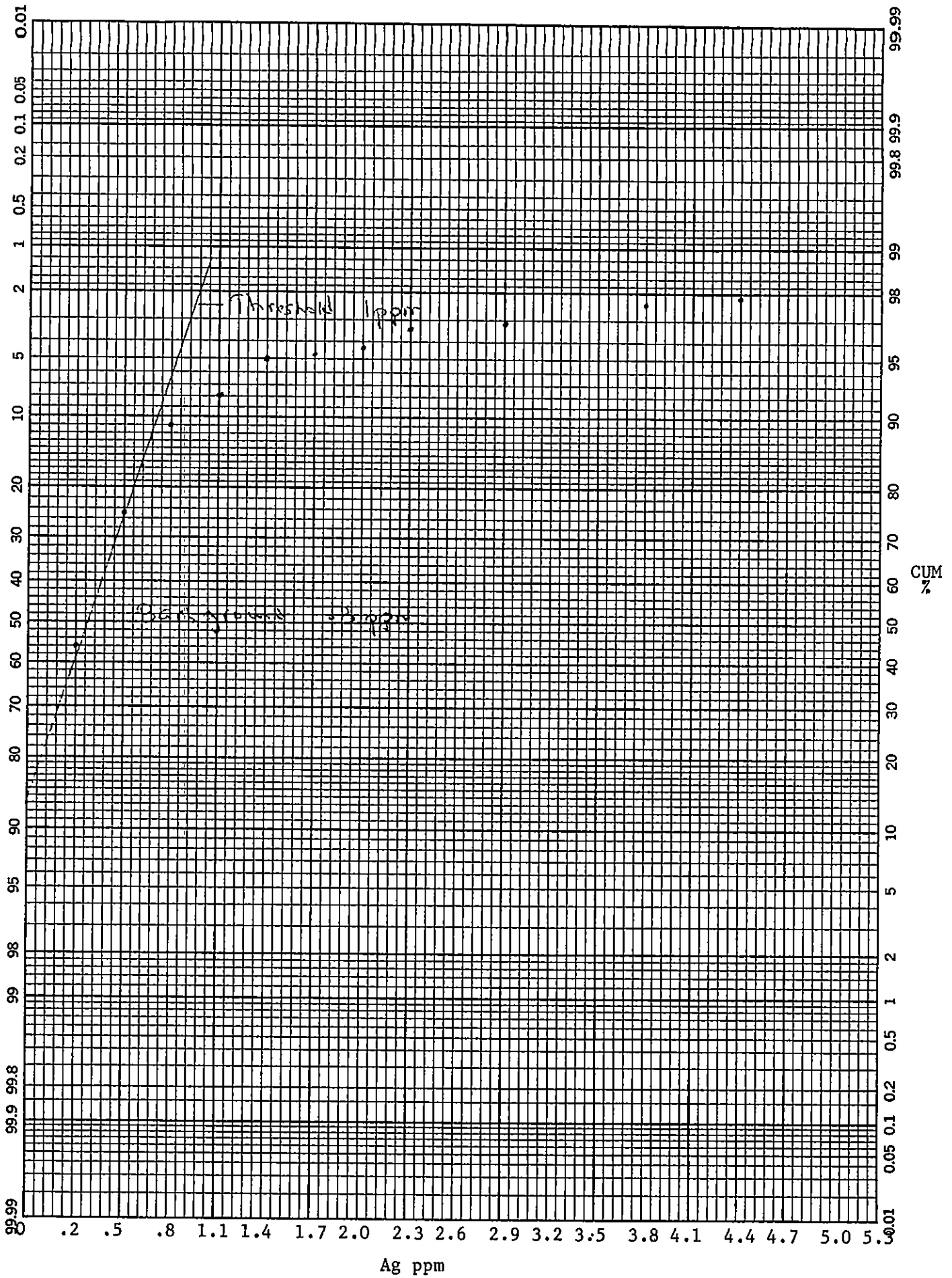
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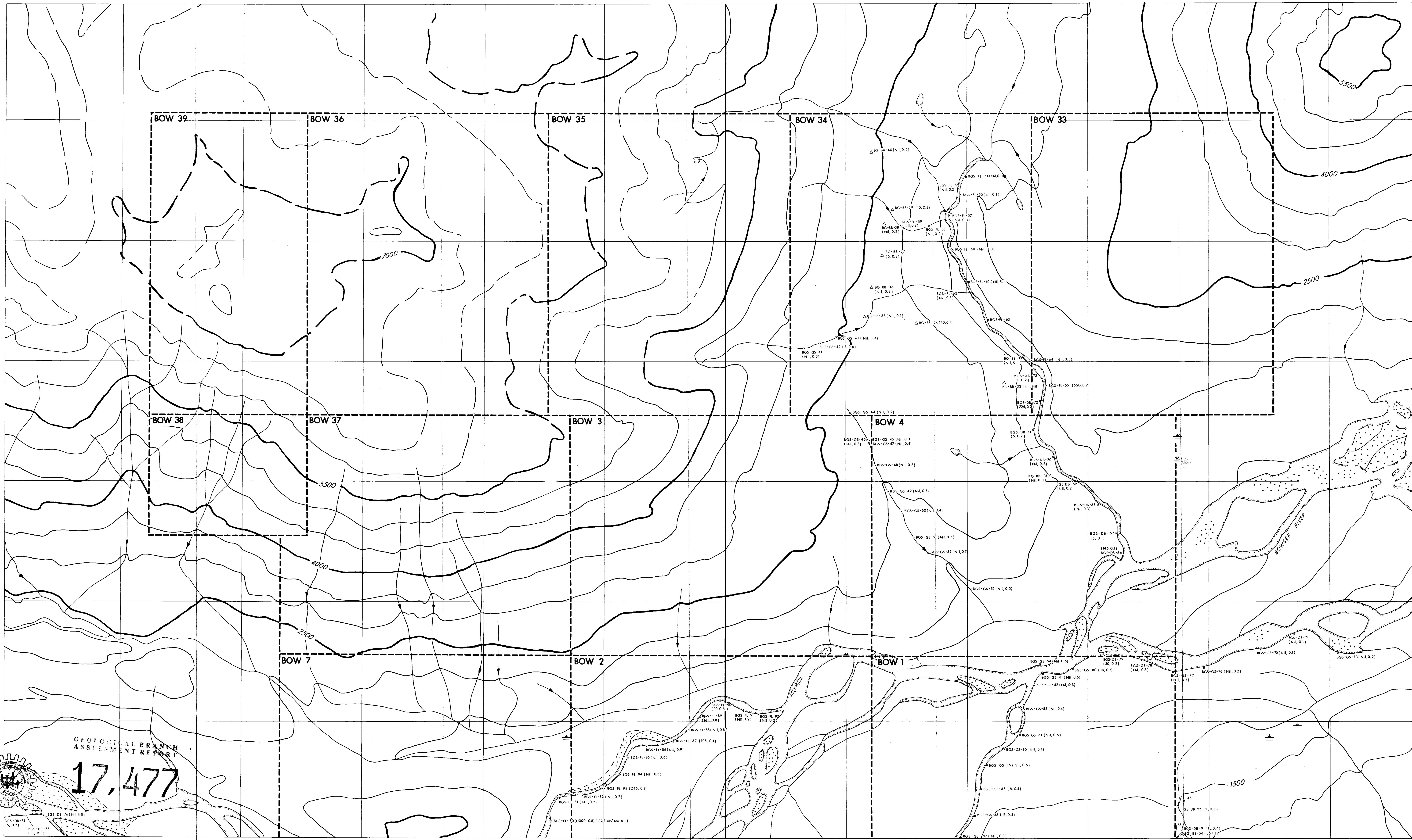
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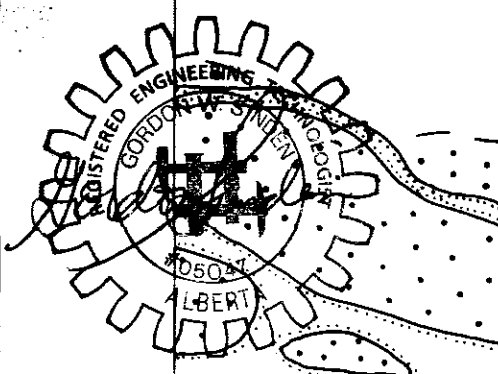


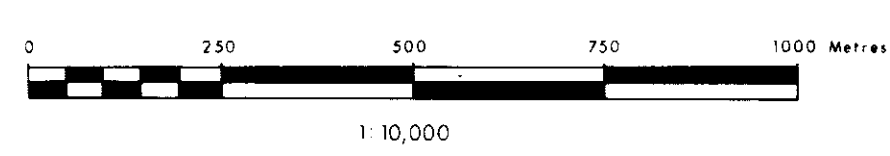
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K&E PROBABILITY X 90 DIVISIONS KEUFFEL & ESSER CO. MADE IN U.S.A.



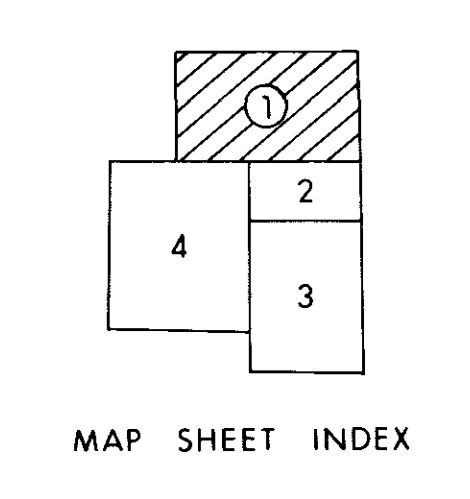
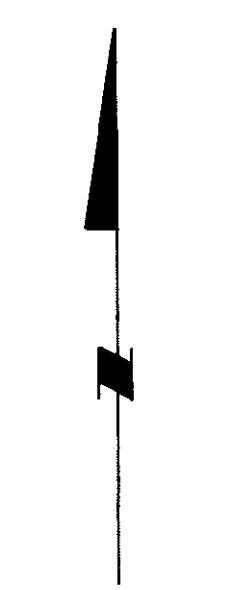



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 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

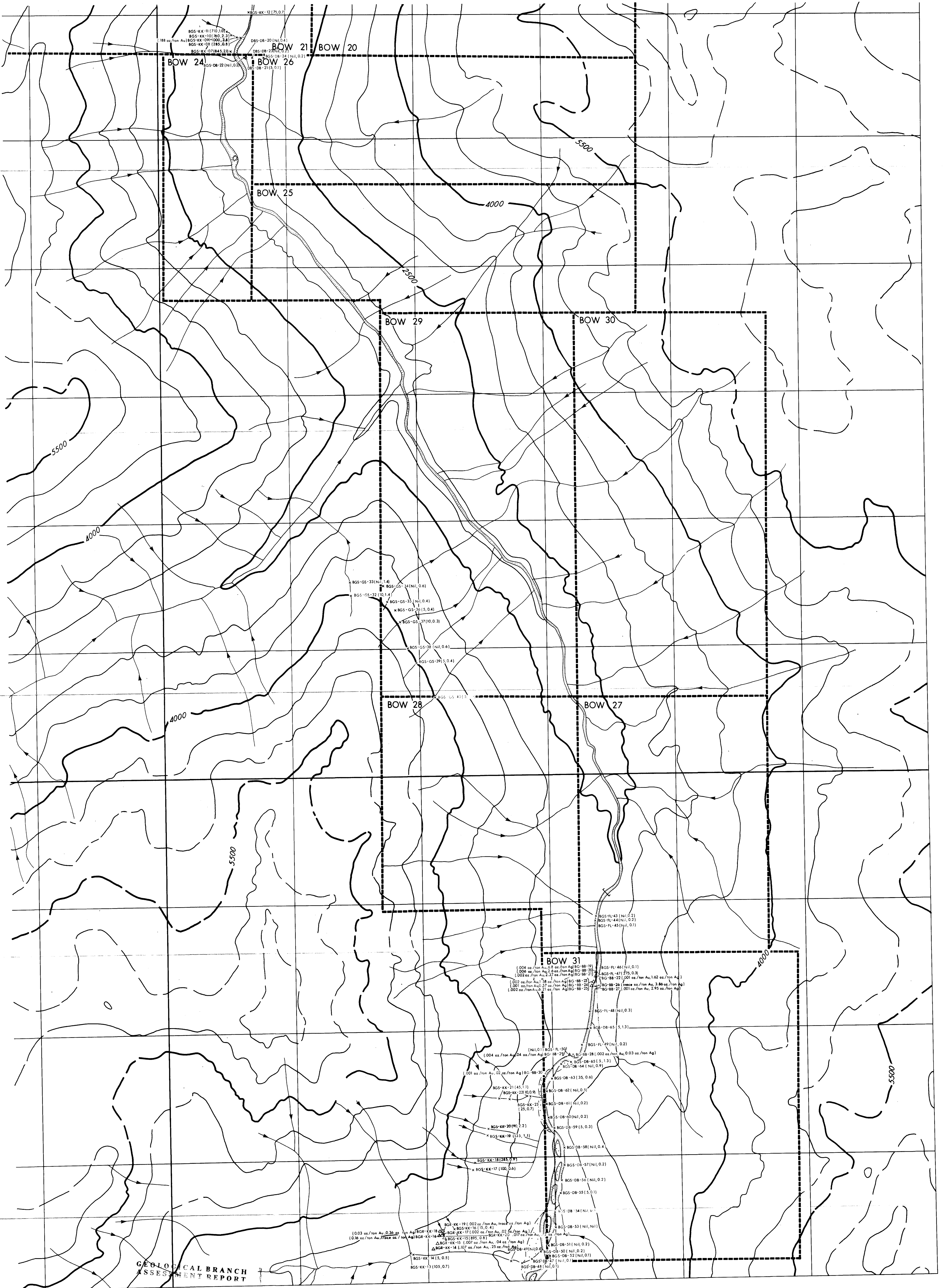


BRUCEJACK GOLD LTD.
 SKEENA MINING DIVISION
 BOW CLAIMS
 ROCK AND SILT SAMPLE
 LOCATION MAP
 SHEET 1 FIGURE 4
 To Accompany Report by:
 E.R. Kruckowski, K. Kankin & G. Sinden
 May, 1988

LEGEND
 CHEMICAL SAMPLE SITES:
 Silt (Au ppb, Ag ppm)
 Outcrop

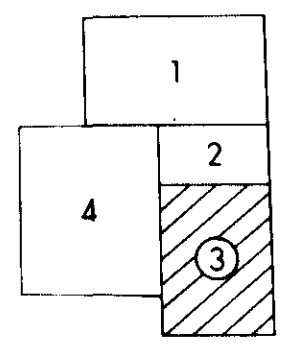
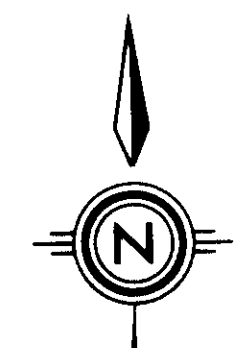
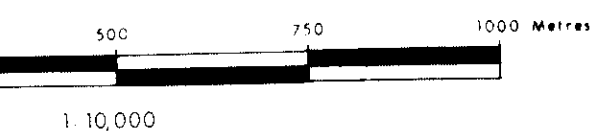
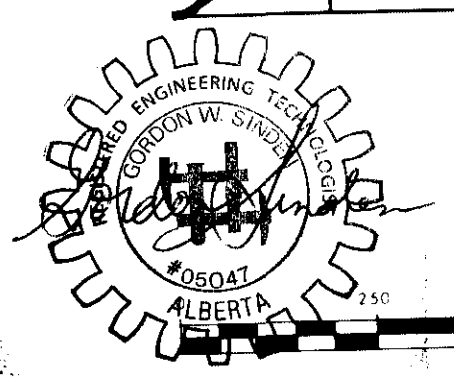


MAP SHEET INDEX

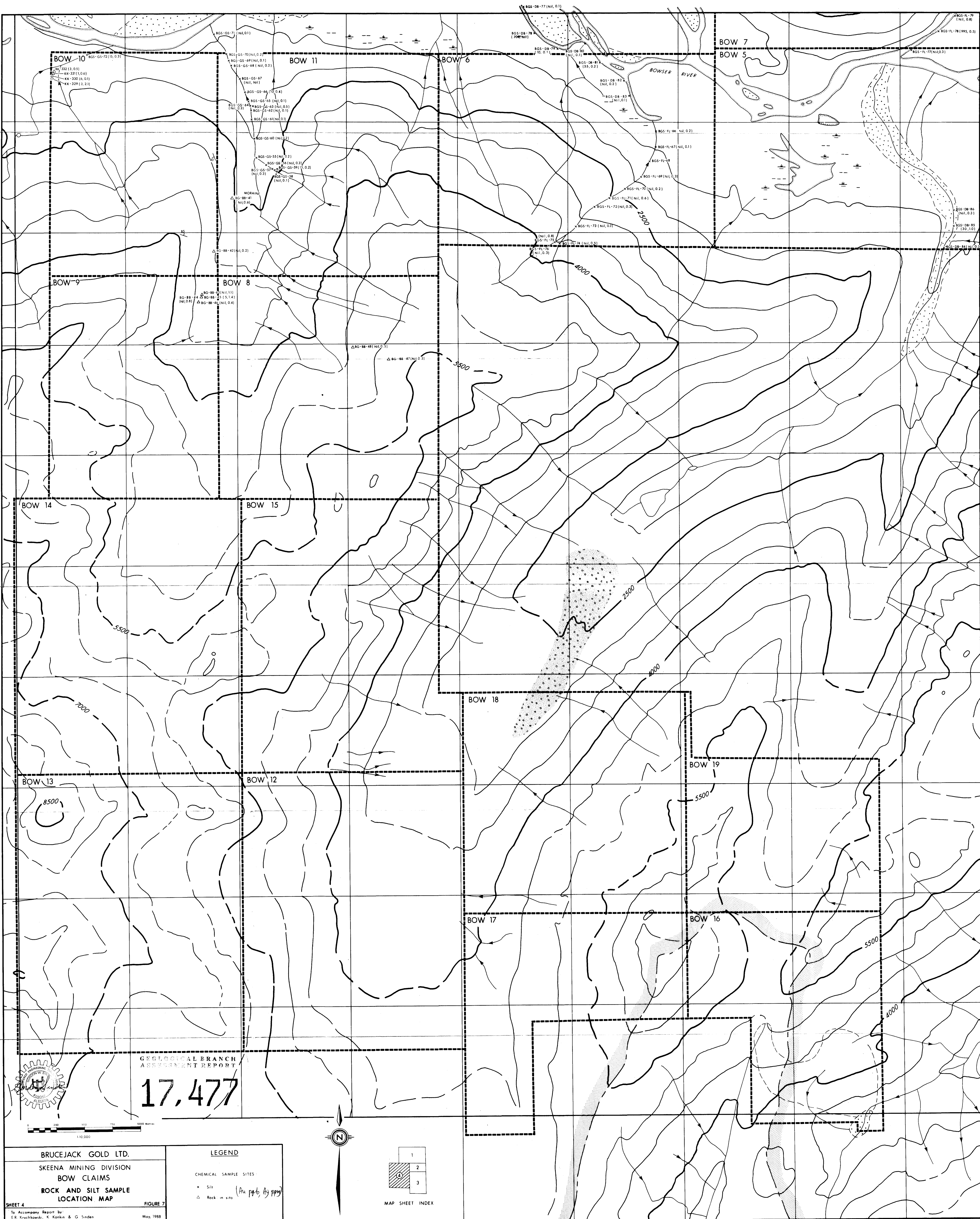


GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,477



<p>BRUCEJACK GOLD LTD.</p>	<p>LEGEND</p>
<p>SKEENA MINING DIVISION BOW CLAIMS</p>	<p>CHEMICAL SAMPLE SITES</p>
<p>ROCK AND SUE SAMPLE</p>	<p>• Silt (Au, Ag, As, ppm)</p>



BOW 10
 BGS-GS-72 (15, 0.3)
 KK-322 (3, 0.0)
 KK-321 (0.4)
 KK-330 (6, 0.1)
 KK-329 (3, 2.1)

BOW 11

BOW 6

BOW 7
 BOW 5

BOW 9

BOW 8

BOW 14

BOW 15

BOW 18

BOW 13

BOW 12

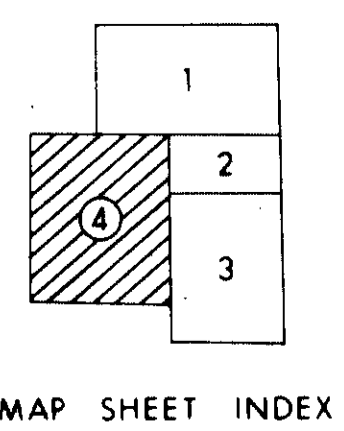
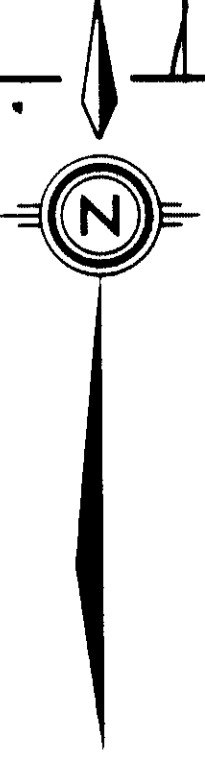
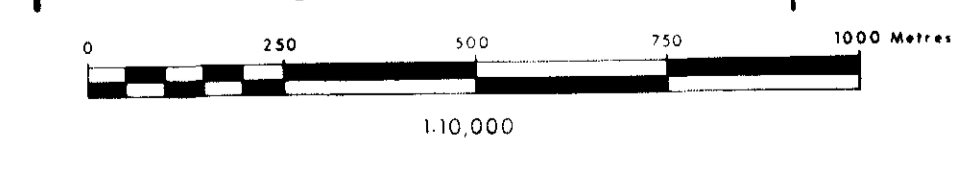
BOW 19

BOW 17

BOW 16

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

17,477



BRUCEJACK GOLD LTD.
 SKEENA MINING DIVISION
 BOW CLAIMS
 ROCK AND SILT SAMPLE
 LOCATION MAP

LEGEND
 CHEMICAL SAMPLE SITES:
 x Silt (Au, Pb, Ag, Ppb)
 Δ Rock in situ

SHEET 4
 To Accompany Report by:
 E.R. Kruchkovsk, K. Konin & G. Sinden
 May, 1988

FIGURE 7