

83-#965-12620
3

DATA REVIEW
AND
1983 FIELD PROGRAM REPORT
ON
BAYVIEW, GOLD CLIFF CLAIMS - SKEENA MINING DIVISION
STEWART, B.C.

Latitude 55°58'

Longitude 129°59'

NTS 103P/13W

for
BAYVIEW RESOURCES LTD.
5660 YEW STREET
VANCOUVER, B.C.
V6M 3Y3

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

PREPARED BY:

George P. Krueckl, P.Eng.
November 24, 1983

12,620

TABLE OF CONTENTS

	Page
SUMMARY & CONCLUSIONS	1 /
INTRODUCTION	3 /
PROPERTY - LOCATION, ACCESS AND PHYSIOGRAPHY	3 /
CLAIMS	4 /
HISTORY - PREVIOUS DEVELOPMENT AND MINERALIZATION	5 /
REGIONAL AND LOCAL GEOLOGICAL SETTING	5 /
MINERALIZATION	6 /
RESULTS OF 1983 DIAMOND DRILLING PROGRAM	9 /
RESULTS OF 1983 PROSPECTING PROGRAM	12 /
PITS 1 & 2 PRODUCTION	12 /
BAYVIEW RESOURCES FINANCIAL STATEMENTS	12 /
REFERENCES	13 /
RECOMMENDATIONS	13 /
CERTIFICATE	15 /

MAPS

Figure 1	Location Map	3(a) /
Figure 2	Claim Plan	4(a) /
Figure 3	Regional Geology	5(a) /
Figure 4	Prospect Locations	6(a) /
Figure 5	Upper and Lower Bayview Showings	folder /
Figure 6	Plan of Trites Zone	folder /
Figure 7	Drill Holes 1 and 3	10(a) /
Figure 8	Drill Holes 4 and 5	10(b) /
Figure 9	Drill Holes 6 and 7	10(c) /
Figure 10	Section Parallel to Trites Zone	folder /
Figure 11	Mapping of Faults - Trites Zone	10(d) /

APPENDIX

Assay Certificates /
Condensed Core Logs /
Statement of Deferred Exploration and Administration Expenditures /

SUMMARY AND CONCLUSIONS

During the 1983 field season Bayview Resources Ltd., of 5660 Yew Street, Vancouver, B.C., conducted exploration work on the Bayview-Gold Cliff Property near Stewart, B.C. (Figure 1). Work carried out on the property involved prospecting, diamond drilling, surveys and a high-grade mining operation. Details on the work carried out are outlined on pages 9, 10, 11 and 12 of this report. The report following was compiled from information available in previous reports and from core logging of the 1983 drill program by the writer.

Based on the 1983 work carried out and work done in previous years, the following has been concluded:

1. The Bayview Gold Cliff property, located near Stewart, B.C., is situated in a geological environment that has given the district several important mineral deposits. The geology of the property is favourable for both high-grade vein-type and massive sulphide deposits. In particular, high grade silver and gold deposits are most likely for the district.
2. Although no road exists on the property, it is very well situated with respect to existing nearby roads, sea and air transport facilities and the nearby town of Stewart would serve well as a supply and communications base.
3. The Trites zone (Bayview-Gold Cliff Property) has had considerable work done on it to date. The zone has been well exposed and sampled both on surface and underground. Sample results have given very encouraging silver values and the 1983 drilling program was initiated on this basis. The drilling was, however, only partially successful as only two of the seven holes intersected high silver values.
4. The geological prospecting and sampling carried out on the Bayview-Gold Cliff property in 1983 appears to have been a worthwhile program and additional work is warranted.

5. The high-grade operation carried out for the first time on the upper Bayview showings during 1983 was a successful exercise and more of this type of work is warranted. It would appear that these high-grade ore showings could bring income to Bayview Resources Ltd. sooner than any of the other showings on the property.
6. In view of the above, the author has reached the conclusion that Bayview Resources Ltd. should engage the services of a geologist-engineer familiar with Stewart area properties, small tonnage high-grade operations and similar types of structures and mineralization to further evaluate the situation and recommend the next phase for continuing exploration.
7. The author is in contact with individuals that fit the above specifications and would be only too happy to assist Bayview in acquiring their services and familiarizing them with the property.

INTRODUCTION

This report was prepared at the request of the Directors of Bayview Resources Ltd., 5660 Yew Street, Vancouver, British Columbia.

The purpose of this report is to review the current and previous work done on the Bayview Gold Cliff mineral claims and assess the mine-making potential of the property. Core logging and sampling of the 1983 drilling was also carried out and is reported here.

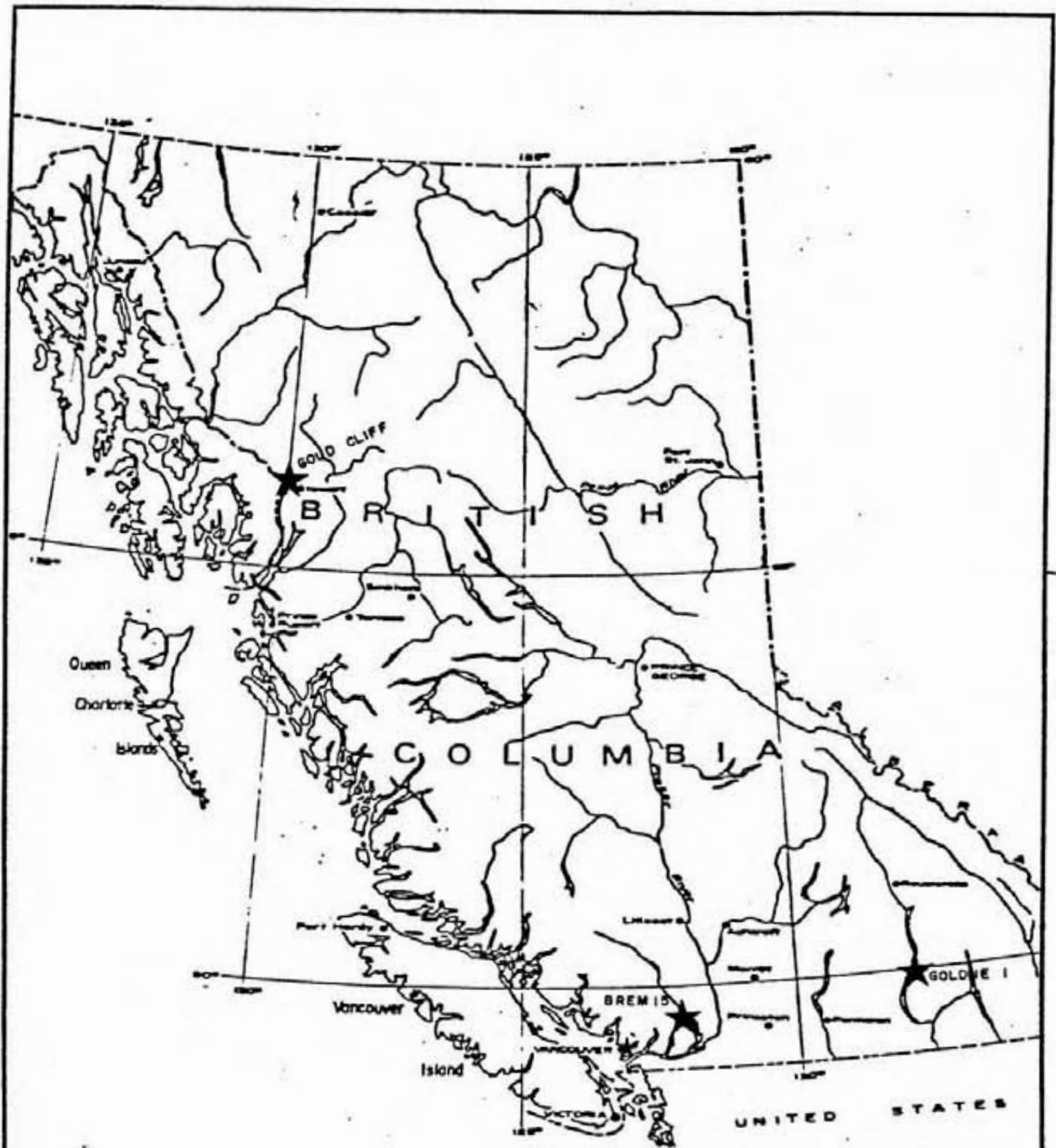
Exploration work carried out by Duchan Enterprises Ltd. under the direction of Mr. Paul Dupras involved 382.4 metres of diamond drilling, one square kilometre grid for geochemical sampling, and geological prospecting and ore production from Pits 1 and 2. The program started July 26, 1983 and was finished on September 16, 1983.

Since current snow and weather conditions do not make a site visit possible, this evaluation is based upon company records, previous reports on the property, core logging and sampling by the author on the 1983 drill core with accompanying assay returns, and a literature review.

PROPERTY - LOCATION, ACCESS AND PHYSIOGRAPHY

The property is located five kilometres due north of Stewart, B.C., which is situated at the head of Portland Canal, a fjord on the northwest coast of British Columbia. The claims lie at elevations of 30 metres (100 feet) ASL along the west shore of Bear River to a maximum of 1800 metres (6000 feet) ASL along the USA/BC international border. The Bear river flows past the village of Stewart into the Portland Canal.

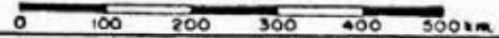
Access to the Bayview-Gold Cliff group of claims was by charter helicopter service provided by Vancouver Island Helicopters at the Stewart Airport. On the property many of the old trails have been rehabilitated, making access possible to all of the showings. The trail network on the property was surveyed and is shown on Figures 5 and 6.



BAYVIEW RESOURCES LTD.

FIG. 1
LOCATION OF
CLAIMS

SCALE



GEORGE P. KRUECKL

NOV. 1983

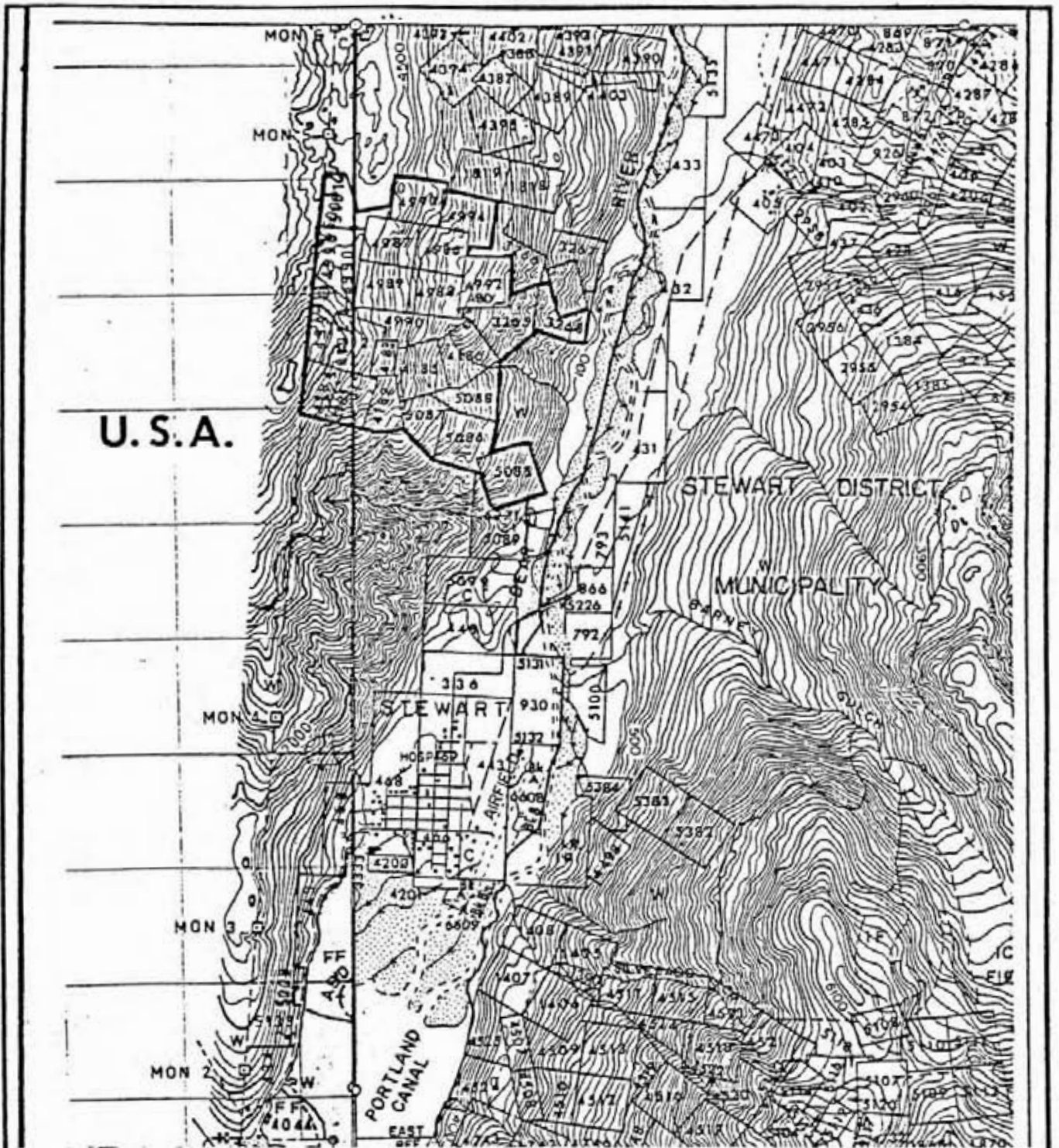
Topography on the property is extremely rugged with lower slopes incised by steep-walled creeks. The treeline occurs at 900 metres; large timber is only found on the lower slopes toward the Bear river valley. The area is characterized by heavy precipitation including normally abundant snowfall. The field season for surface activities ranges from late June to mid-October.

CLAIMS

The property consists of the undernoted 26 Crown Grant Mineral Claims, which cover an aggregate area of some 4.1 square kilometres (1.6 square miles).

<u>Claim</u>	<u>Lot No.</u>	<u>Record No.</u>
Gold Cliff #3 Fr.	3265	92(7)
Gold Cliff #6	3268	95(7)
Bayview #2	4181	1331(6)
Bayview #1	4182	1330(6)
Lucille #1	4185	ML 244
Jerry Dog	4986	96(7)
Gold Cliff #2	4987	90(7)
Gold Cliff #4	4988	93(7)
Gold CLiff #1	4989	88(7)
Gold CLiff #2 Fr.	4990	91(7)
Gold Cliff #5	4992	94(7)
Tom	4993	98(7)
Barney	4994	97(7)
Gold Fr.	4996	87(7)
Gold Cliff #1 Fr.	4997	89(7)
Prince	L1818	1953
Prince #2	L1819	1954
Beth	L4186	1955
Jim	L5085	1956
Zeal	L5086	1957
Mary Fr.	L5087	1958
1st Fr.	L5088	—
Tom Fr.	L5101	—
K.P. No. 1	L4183	1959
Kent	L4192	1960
Tacoma	L4184	—

Title to the above was not verified, but documents were examined which show the claims to be in good standing until July 11, 1984.



BAYVIEW RESOURCES LTD.

FIG. 2

CLAIM & TOPO PLAN

GOLD CLIFF CLAIMS

N.T.S 103 0/16 ,SKEENA MINING DIV.

SCALE 1:50000

GEORGE P. KRUECKL NOV. 1983

HISTORY (partially from H.J. Wahl 1982 Report)

The history of the Bayview-Gold Cliff claims dates back to the early 1920's. The original Bayview Mining Co. made a small high-grade shipment in 1925, but not until 1928 did development accelerate, when United Empire Gold and Silver Mining Co. consolidated the various properties. Following continued exploration, major expenditures were made in 1933-34 for buildings and tramline which culminated in production shipments of 169 tons during 1934-36.

Total recorded production statistics are as follows:

	<u>Year</u>	<u>Tons</u>	<u>Au oz</u>	<u>Ag oz</u>	<u>Pb (lbs)</u>	<u>Zn (lbs)</u>
Bayview	1925	10	1	1,539	2,970	3,870
United Empire	1934-36	169	10	4,418	23,451	16,918

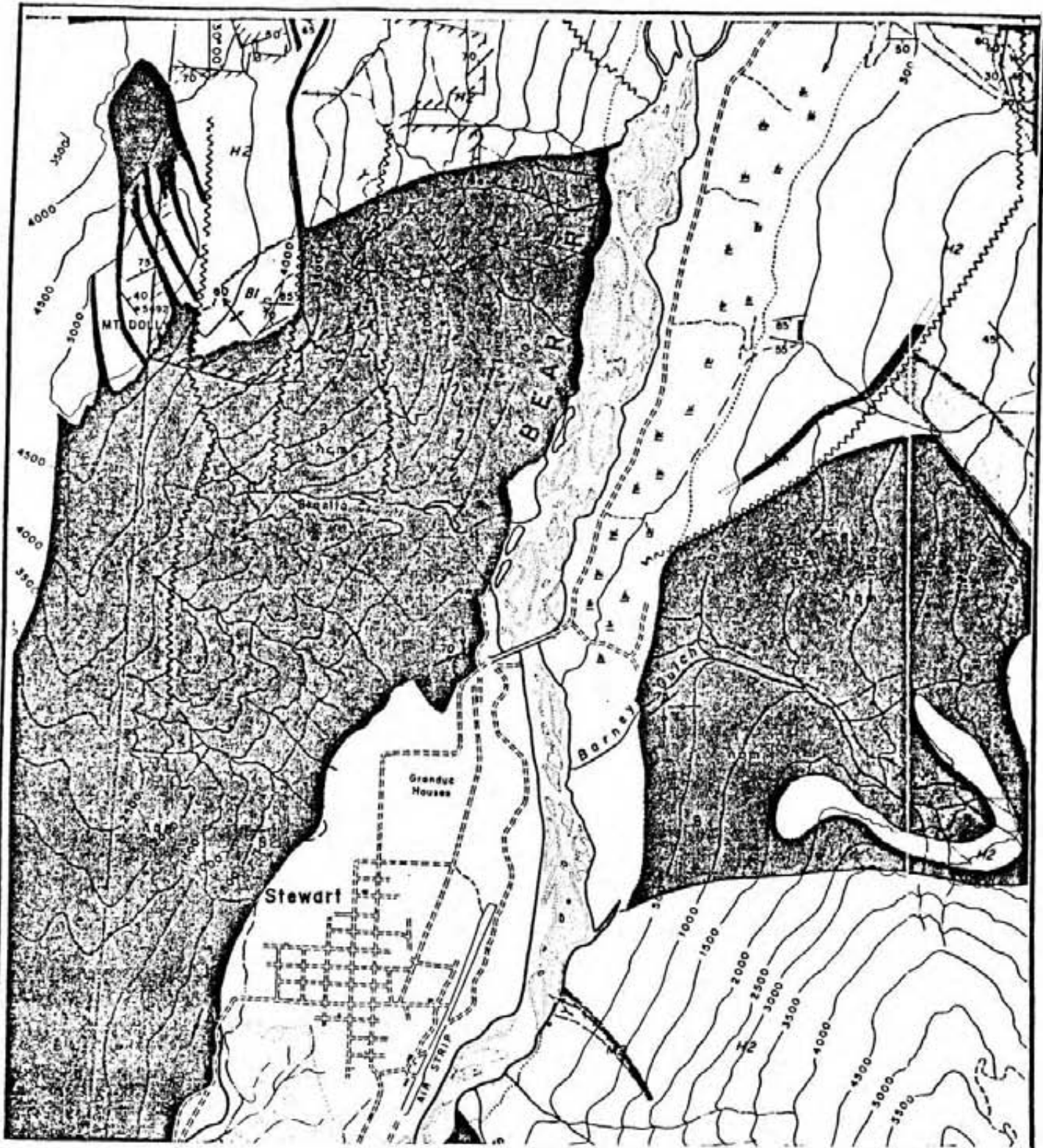
No significant work has been undertaken between 1936 and the current investigations by Bayview Resources Ltd.

Following recommendations of C.R. Harris in his report of 31st March 1980 and J.H. Wahl in his report of 2nd February 1982, Bayview Resources Ltd., under the field supervision of Mr. Dupras, located and surveyed many of the old workings, sampled many of these features, rehabilitated trails, performed packsack drilling and BQ core drilling, prospected formerly snow covered and inaccessible areas, and shipped high grade ore from Pit 1 and 2 showing (Figure 5).

REGIONAL AND LOCAL GEOLOGICAL SETTING













Regional Geology

The region is underlain by volcano-sedimentary formations belonging to the Hazelton Assemblage of Jurassic age. These formations have been folded, faulted and intruded by plutonic rocks of Cretaceous and Tertiary age. The contact between the Jurassic (or Triassic) age Hazelton rocks and the Coast Crystalline complex is just west of the Stewart area. Most of the above rock units are cut by frequently large but intermittent zones of acid to intermediate and basic dike swarms.














BAYVIEW RESOURCES LTD.	
FIG. 3	
REGIONAL GEOLOGY MAP GOLD CLIFF CLAIMS N.T.S 103 0/16 , SKEENA MINING DIV.	
SCALE 1" = 1/2 MILE	
GEORGE P. KRUECKL	NOV. 1983

SEDIMENTARY AND VOLCANIC ROCKS

- CENOZOIC**
- PLEISTOCENE AND RECENT**
-  Unconsolidated deposits. River flood plain; estuarine deposits, river channel and stream-cut terraces; alluvial fans, deltas and beaches; outwash, glacial lake sediments
- MIDDLE TO UPPER JURASSIC**
Bowser assemblage
-  B1 Siltstones, greywacke, argillite, minor chert pebble conglomerate, minor limestone (including equivalent phyllites)
-  B2 Lithic wacke, feldspathic wacke, siltstone, pebble conglomerate (including equivalent phyllites)
-  B3 Rhyolite,  B3a Rhyolite breccia
-  B4 Green, red, and buff volcanic sandstone, conglomerate, minor breccia
-  B5 Red and black volcanic sandstones, conglomerates minor breccia
-  B6 Red, green, and black volcanic breccia (with purple phases)
- LOWER TO MIDDLE JURASSIC**
Hazellon assemblage
-  H1 Red and green volcanic conglomerates and sandstones, crystal and lithic tuffs
-  H2 Green massive volcanic conglomerates, sandstones, minor breccia with minor intercalated siltstones
-  H3 Red and purple massive volcanic conglomerate, breccia, and sandstone with minor intercalated siltstones
-  H4 Green volcanic breccia, with sandstone and conglomerate

PLUTONIC ROCKS




Coast Crystalline Belt

- TERTIARY**
-  bcm Bitter Creek quartz monzonite, granodiorite
-  gcd Glacier Creek augite diorite (and equivalent)
-  lcr Summit Lake diorite
-  bpd Boundary granodiorite
-  hqa Hyder quartz monzonite (and equivalent)
- MIDDLE JURASSIC ?**
-  icg Texas Creek granodiorite (and equivalent)
-  H Hornblende is the predominant mafic mineral
-  B Biotite is the predominant mafic mineral
-  Inclusions of country rocks
-  h Metasomatic hornblende
-  po Porphyry phase





METAMORPHIC ROCKS

JURASSIC-CRETACEOUS ?

Hazellon equivalents





-  M1 Green cataclasses, mylonites, schists
-  M2 Black (bl), purple (pu), red (r), and green (gn), mylonite (predominant colour)
-  M3 Buff and green schists (including phyllonite)

ALTERATION

-  P Pyritization
-  S Silicification
-  K Feldspathization
-  h Metasomatic hornblende prominent

DYKE ROCKS

TERTIARY

-  Hornblende diorite, quartz diorite (amphophyre everywhere)
-  Diorite, hornblende diorite (mainly Bear Pass area)
-  Quartz monzonite, granodiorite and quartz diorite commonly porphyritic (belt of dykes) (mainly Portland Canal dyke swarm)
-  Granodiorite porphyry (in Premier area) (includes Premier dyke swarm)

It is perhaps significant that the more important mineral producers of the district are associated with these dike swarms. Such a zone exists on the west half of the Bayview claims (Figure 3, Bull #58, Grove).

In detail, geological relationships are very complex, due to extensive fracturing, faulting and shearing.

Property Geology

On the Bayview property Tertiary age Hyder quartz monzonite intrudes Hazelton volcanics in the southeastern portion of the Bayview claims. Figure 3 from Bulletin No. 58, Edward W. Grove's report indicates that the volcanic formations are red and green volcanic breccias with conglomerates and siltstones.

MINERALIZATION

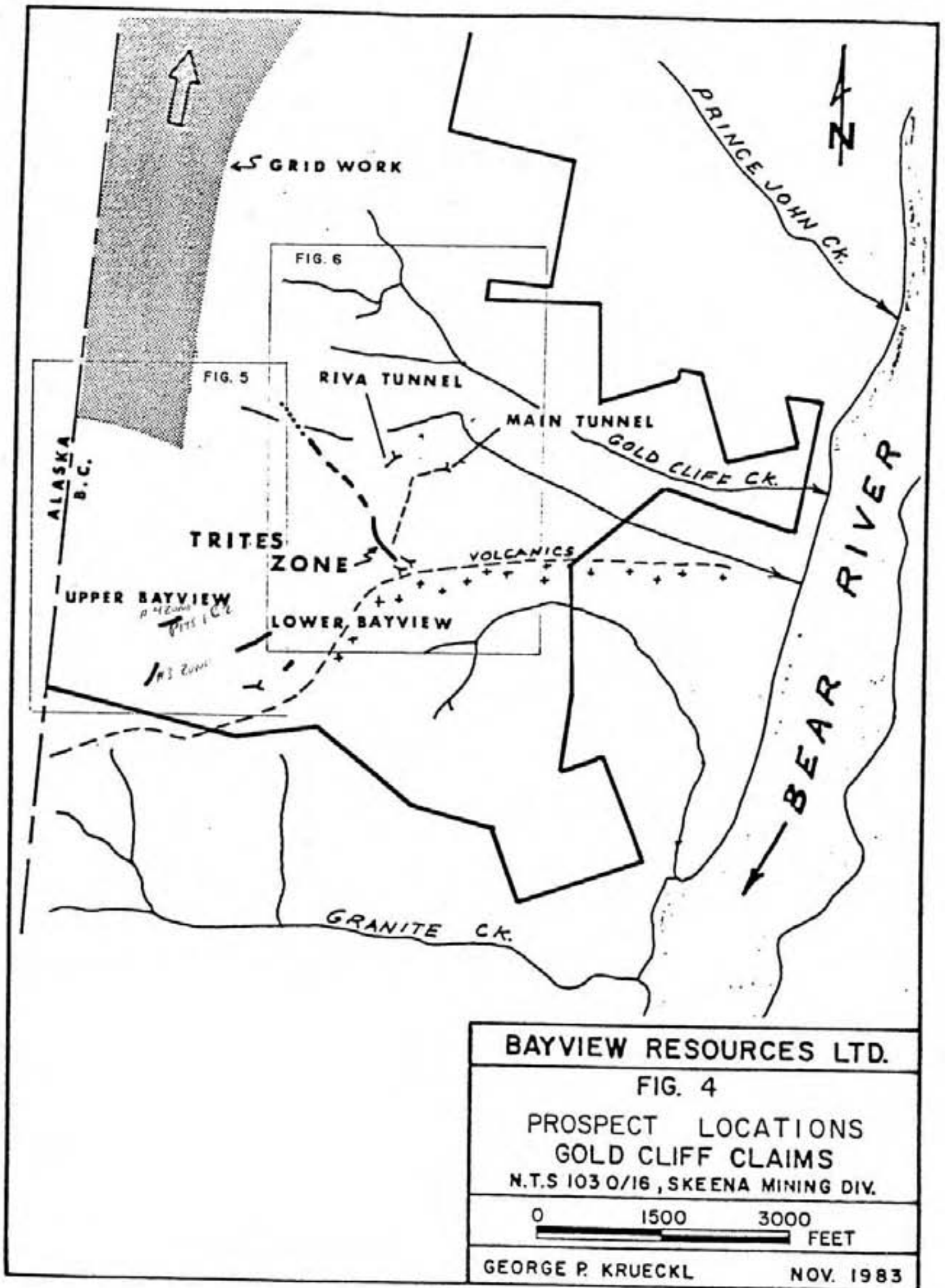
Ore deposits of base and precious metals in the Stewart area occur both as strata-bound massive sulphide deposits (Granduc) and as discordant, shear controlled zones (Silbak-Premier, Big Missouri, Scottie Gold, Dunwell Mine).

Given the large number of prospects and mines and the clastic volcanic stratigraphy, it would appear that the Stewart area represents a former mantle hot-spot where explosive volcanism was also closely associated with hot spring hydrothermal activity. Thus prospects showing only apparent vein-type mineral deposition should also be carefully prospected for massive sulphide occurrences.

Bayview Prospects (Figures 5 and 6)

Upper Bayview (Zones 3 and 4 of McDougall)

Mineralization in Zone #4 of McDougall (Pits 1 & 2) (Figure 5) occurs in a northeasterly striking vein, two feet in width, and dipping at approximately 20 degrees to the southeast. The slope of the hill at this point is steeper than the vein which would preclude down-dip extensions unless the vein takes a steeper roll. However, a considerable amount of ground exists for up-dip extensions.



McDougall states that the vein consists mainly of "coarse, massive lead and zinc sulphides two feet in width" with an "additional two feet of quartz with disseminated sulphides underlying the heavier sulphide portion". The work of Dupras has indicated that stringers with sulphides also occur a few feet above the main sulphide vein. Recent or past work has not been carried out to evaluate the precious metal values above and below this vein.

McDougall (1925) chip samples for this vein are:

<u>Number</u>	<u>Elevation</u>	<u>Width</u>	<u>oz/t Au</u>	<u>oz/t Ag</u>	<u>% Pb</u>	<u>% Zn</u>
19	4530'	24"	0.02	224.5	16.6	14.7
20	4530'	24"	0.06	253.2	20.3	20.2
21	4530'	6"	0.02	111.0	14.5	27.7

Dupras 1980 Chips and Grabs ran:

<u>Number</u>	<u>Width</u>	<u>oz/t Au</u>	<u>oz/t Ag</u>	<u>% Pb</u>	<u>% Zn</u>
8325	2.0'	.034	135.69	11.3	21.40
8324	2.0'	.016	178.98	17.10	24.90
8334	1.7'	.024	109.81	14.99	26.80
8333	1.0'	.020	8.49	1.71	5.65
8332	GRAB	.038	103.39	5.95	3.26

An open cut for "high-grading" purposes was made on this structure in 1925 and samples by McDougall from the ore in sacks assayed:

80 sacks - oz/t Au 0.80, oz/t Ag 204.1, % Pb 21.5

100 sacks - oz/t Au 1.00, oz/t Ag 224.5, % Pb 22.1

"High-grading" of this showing in 1983 by Bayview produced the following returns from the crude ore shipment to Cominco at Trail, B.C.

10.83 tons @ 0.063 oz/t Au, 211.35 oz/t Ag, 18% Pb, 17% Zn

McDougall describes Zone #3 as "numerous pits and strippings over an area of about 75 feet square", with "a confusion of dips and strikes which probably apply only locally". Recent 1980 samples of narrow veinlets from this zone assayed a low of .04 to a high of 1.96 oz/t Au, while silver values ranged from 38 to 169 oz/t. This description is suggestive of a stockworks or possible pipe-like zone. Current investigations have extended this zone to approximately twice the area.

Lower Bayview

The Lower Bayview consists of two sulphide veins only partly exposed by pits and one short adit. These veins are close to the greenstone-granodiorite contact and are thought to have been the source of some high grade shipments made in 1925. This is confirmed by the 1980 sampling which showed assays to .464 oz/ton gold and 66.15 oz/ton silver from the upper vein over narrow width and a sample of 1.234 oz/ton gold and 37.14 oz/ton silver over a 36" width on the lower vein.

Trites Zone (Figure 6)

The Trites Zone is a large, complex shear/fracture zone developed in mylonitized volcanics, which are altered (silicified?) to a light purple-brown colour. The hanging wall is a sharp faulted contact presumably in volcanics, while the footwall is gradational.

This zone strikes northwesterly for some 1,800 feet and covers an observed 800 foot range in elevation. The southeastern limit terminates in Hyder quartz monzonite at the Brindle adit.

Mineralization consists of pyrite, pyrrhotite, galena and sphalerite occurring as discontinuous lenses, masses, stringers and disseminations. Sampling has concentrated on the obvious sulphide veins, which are narrow and quite variable in grade. Of the 19 collected samples, values ranged from a low of 1 oz/t Ag to a high of 130 oz/t Ag in the face of the upper adit. The gold content would likely average out to 0.003 oz/t.

To the immediate north of the lower Trites Zone lies the Anita Pit. A 2 foot thick sulphide vein exposed here averages 28 oz/t Ag and .04 oz/t Au, based on the results of packsack drill sampling. The relationship of this vein to the Trites Zone is unknown. It is interesting to note that silver values of from 4 to 9 oz/t are present in the foot and hanging walls as indicated by packsack DD holes. The presence of skarn zones at the Anita Pit and Trites adit areas strongly suggests that the Hydr quartz monzonite has perhaps metamorphosed and remobilized existing mineralization, which may suggest a lower grade, but larger zone of mineralization.

Other Areas

About 500 feet west of the Trites Adit (Figure 6) a 1981 sample of massive sulphide stringer from a gossan zone assayed .087 oz/t Au, 36.40 oz/t Ag, 21.9% Pb, 12.80% Zn. This is a significant result requiring geological follow-up.

RESULTS OF 1983 DIAMOND DRILLING PROGRAM

Herb Wahl's report of 1982 recommended a diamond drilling program for 1983 amounting to 457 metres. In compliance with this recommendation, two EX and seven BQ diamond drill holes were bored to intersect the Trites mineralized zone on the property during August and early September 1983. This program was modified from Mr. Wahl's recommendation because of the shortness of the field season and the higher costs incurred. A list of holes showing hole number, depth, elevation, azimuth and dip are given below.

<u>Hole No.</u>	<u>Depth</u>	<u>Elevation</u>	<u>Dip</u>	<u>Azimuth</u>
DDH83-01	57.5 m	1045	45°	248°
DDH83-02	5.8 m	1045	(not completed)	
DDH83-03	55.8 m	1045	45°	237°
DDH83-04	64.0 m	970	50°	70°
DDH83-05	61.0 m	970	60°	70°
DDH83-06	61.0 m	980	50°	80°
DDH83-07	61.0 m	980	65°	80°
PSD83-01	12.3 m	960	45°	70°
PSD83-02	4.0 m	960	(not completed)	

The location of these holes is shown on Figure 6 and cross-sections for each are shown on Figure 7, 8 and 9. The core was logged and sampled by the writer during September 1983. Assay results and condensed logs are given in the Appendix of this report.

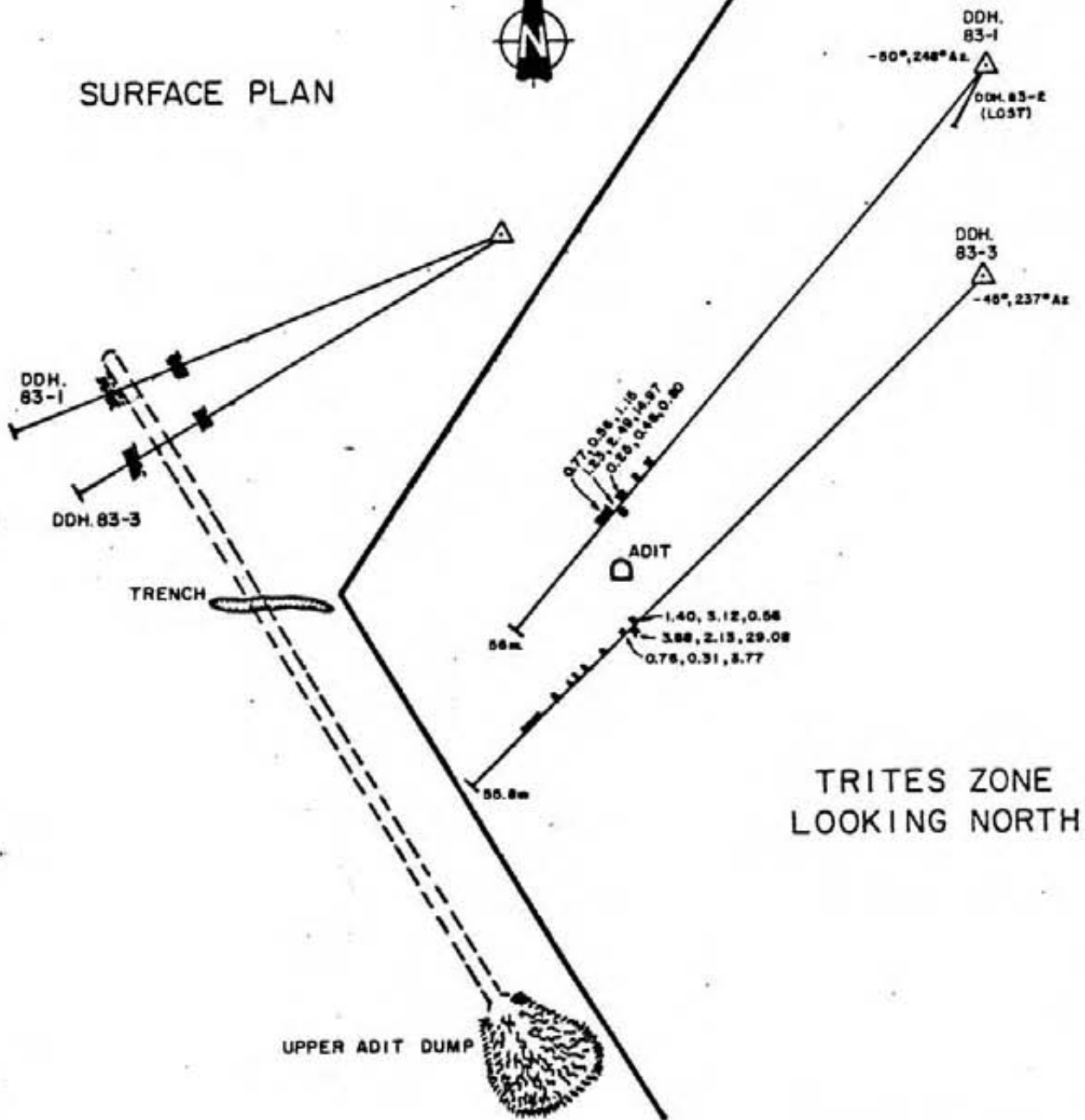
The assay results for the drilling carried out gave some high values in silver, particularly holes DDH83-01 and DDH83-03 where intersections of 13 oz/ton (over 0.9 metres) and 22½ oz/ton (over 0.5 metres) were encountered in each respectively. The following table gives all of the significant intersections.

<u>DDH No.</u>	<u>Footage</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>Au</u>	<u>Sample No.</u>
01	39.0 to 39.6	1.39	1.76	12.90	0.011	071662
	44.2 to 44.5	1.23	2.49	14.97	0.006	071656
03	38.7 to 39.5	0.67	1.52	3.90	0.005	071663
	39.5 to 39.8	3.88	2.13	29.08	0.040	071664
	39.8 to 40.0	1.92	2.29	14.24	0.015	071665
	40.0 to 40.6	0.76	0.31	3.74	0.003	067815
05	39.0 to 40.6	-	-	4.95	0.013	071528
PS01	6.0 to 7.2	-	-	4.90	0.025	071518

The balance of the holes drilled assayed less than 3 oz/ton silver.

An examination of information available on the Trites mineralized zone suggests that the grade and width of this vein varies considerably. According to H.F. Wahl; "The Trites Zone is a large, complex shear/fracture zone developed in mylonized volcanics. Mineralization occurs as discontinuous lenses, masses, stringers and disseminations". These variations are largely controlled by faulting and shearing and the work carried out by P.W. Green during August of 1981 shows the extent of faulting in the main adit (Figure 11).

SURFACE PLAN



BAYVIEW RESOURCES LTD.

FIG. 7

DRILL HOLES 1 & 3

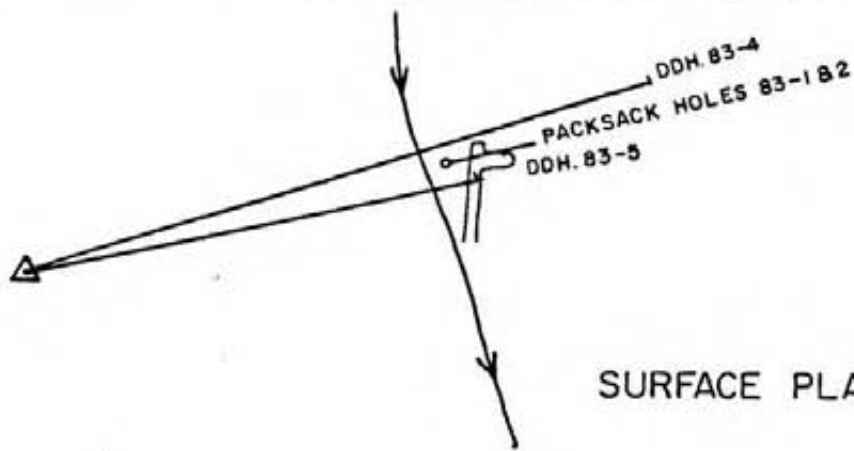
GOLD CLIFF CLAIMS

N.T.S 103 0/16, SKEENA MINING DIV.

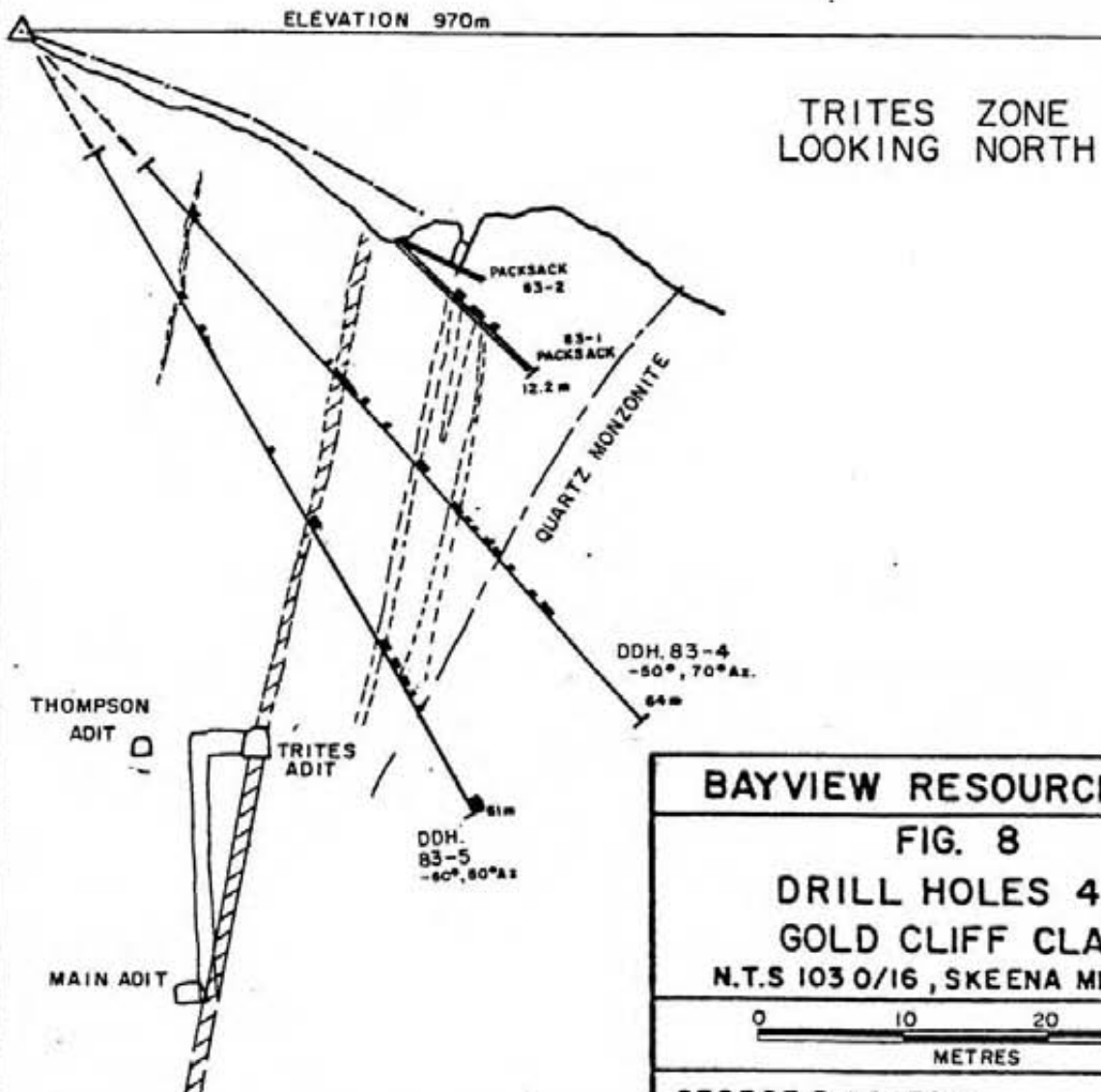


GEORGE P. KRUECKL

NOV. 1983



SURFACE PLAN



BAYVIEW RESOURCES LTD.

FIG. 8

DRILL HOLES 4 & 5

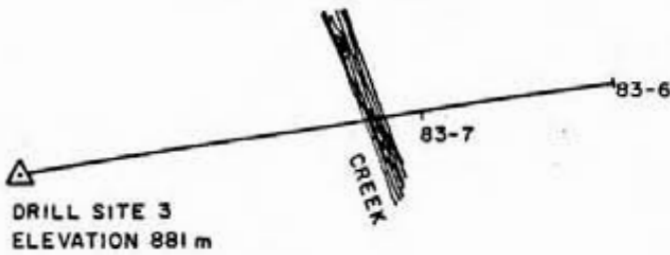
GOLD CLIFF CLAIMS

N.T.S 103 0/16, SKEENA MINING DIV.



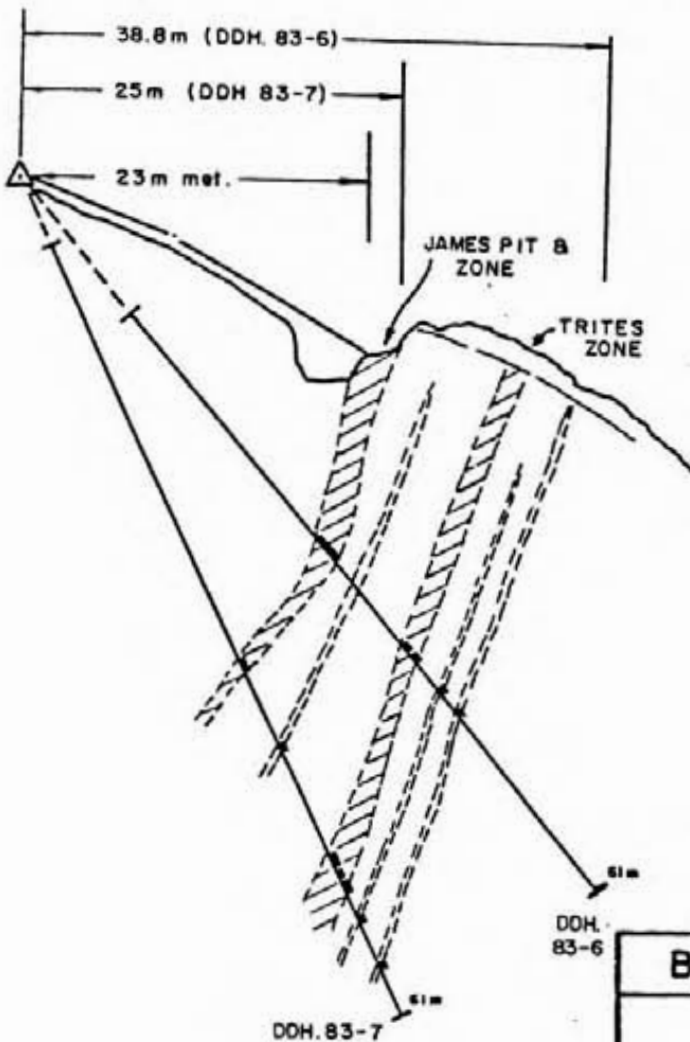
GEORGE P. KRUECKL

NOV. 1983



SURFACE PLAN

DRILL SITE 3



TRITES ZONE
LOOKING NORTH

BAYVIEW RESOURCES LTD.

FIG. 9

DRILL HOLES 6 & 7

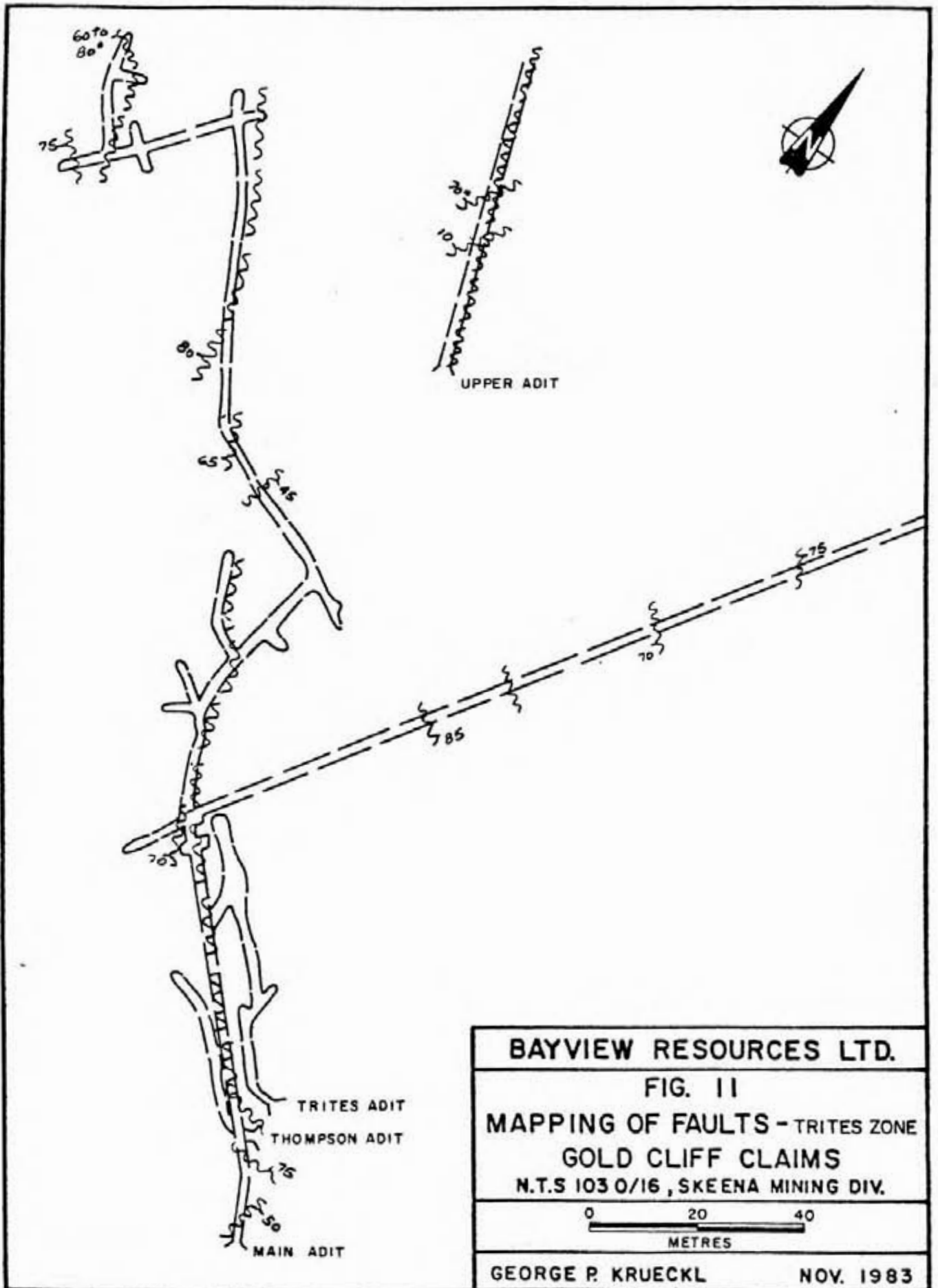
GOLD CLIFF CLAIMS

N.T.S 103 0/16, SKEENA MINING DIV.



GEORGE P. KRUECKL

NOV. 1983



The six BQ drill holes which intersected the Trites mineralized zone were also quite variable in grade and width of intersection (see assay results in the Appendix). Only two of the six BQ drill holes showed significant assay values and the balance of the holes may have intersected the vein at its poorest locations. An examination of the core showed that the Trites Zone mineralization appears to be controlled by the degree of shearing and brecciation. For intersections having low silver assay evidence of faulting is minimal whereas for intersections having high silver assays, extensive shearing and brecciation occur. It would therefore appear that the degree of shearing and brecciation controlled the entry of mineralized solutions.

Figure 10, a section through and parallel to the Trites Zone, shows the location where the seven drill holes intersected the Trites Zone. The dashed line shown attempts to outline mineralized zones and it would appear that such vertical zones of mineralization explain the reason for not intersecting high silver values in drill holes 4, 5, 6 and 7.

RESULTS OF 1983 PROSPECTING PROGRAM

During August 1983 a prospecting program was carried out at the western side of the claim units, at the top of Dolly Mountain. Snow cover was fortunately less in 1983 than had been the case for several previous years. Sampling was carried out where any mineralization was evident, the location of one sample taken on a 0.9 metre wide sulphide vein ran .241 oz/ton gold (Figure 5).

A geochemical survey over a grid one kilometre square, having two baselines and 11 section lines at 100 metre centres, was carried out. The sampling on section lines was at 25 metre intervals and on the two baselines at 50 metre intervals.

PITS 1 & 2 PRODUCTION

During August 1983, an eleven ton sample of ore was mined from the Bayview Pits #1 and #2 (Figure 5) and shipped to Tadinac, Trail, on August 31st, for processing. The delivered weight of this sample was determined to be 21673 pounds (dry weight) and the average grade per ton was as follows:

<u>Gold</u> oz/ton Au	<u>Silver</u> oz/ton Ag	<u>Lead</u> % Pb	<u>Zinc</u> % Zn
0.063	211.35	18	17

Based on average metal prices for October 1983, the gross value (before deductions) per ton of sample was estimated to be \$2,786.86.

BAYVIEW RESOURCES FINANCIAL STATEMENT

The writer obtained a copy of the Statement of Deferred Exploration and Administration Expenditures for the year ending January 31, 1984 from Elliott Tulk Pryce Anderson, Chartered Accountants. This statement gives a detailed breakdown of exploration expenditures for 1983 amounting to \$191,225. This statement is given in the Appendix.

REFERENCES

1. A Report on the Mining Property of Bayview Mining Company Limited 1925 by B.W.W. McDougall.
2. Report on the Athena Mines Ltd. (NPL) Property 1969 by R.E. Renshaw, P.Eng.
3. Report on the Bayview-Gold Cliff Properties 1980 by C.R. Harris, P.Eng.
4. Bay-Gold Cliff Claim Group March 1981 by C.R. Harris, P.Eng.
5. Geology Report and Recommendations on the Trites Zone August 1981 by P.W. Green, P.Eng.
6. Evaluation Report for Bayview Resources Ltd. February 1982 by Herb Wahl, P.Eng.
7. Bulletin No. 58 Geology and Mineral Deposits of the Stewart Area, British Columbia, by Edward W. Grove.

RECOMMENDATIONS

Further exploration work is recommended by the author as past work and recent 1980's investigations by Bayview Resources Ltd. shows that this is warranted.

The writer strongly recommends that Bayview Resources Ltd. engage the services of a geologist-engineer who has had extensive experience in these types of structures and mineralization, past experience in underground exploration, development and production from small-tonnage, high-grade operations and good familiarity with the Stewart area.

This report on past data, review of 1983 exploration and two new 1:1200 scale topographic maps with 20 metre contours should provide a good comprehensive overview of the property and greatly assist in further evaluation to arrive at a recommended program for continuing exploration.

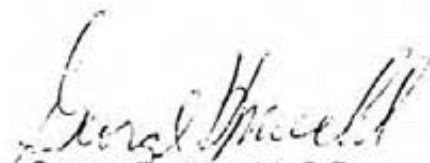
The writer is familiar with individuals that fit the specifications recommended and is available to meet with Bayview to direct them in this endeavour.

CERTIFICATE

I, George P. Krueckl, of the City of Richmond, Province of British Columbia, hereby certify as follows:

1. I am a Consulting Geological Engineer with an office at 4860 Fortune Avenue, Richmond, B.C., V7E 4H9.
2. I am a registered Professional Engineer of the Province of British Columbia.
3. I graduated with a degree of Bachelor of Science, Geological Engineering, from the University of Saskatchewan, 1962.
4. I have practised my profession for 21 years.
5. I have no direct, indirect or contingent interest in the shares of Bayview Resources Ltd. or the Bayview-Gold Cliff claims, subject of this report, nor do I intend to have any interest.
6. This report dated November 24, 1983 is based on examination of 1983 drill core and information gathered from available files, maps and reports.
7. Permission is granted to publish this report dated November 24, 1983, in the Prospectus or Statement of Material Facts for Bayview Resources Ltd. Written permission from the author is required to publish this report for any other purpose.

DATED at Richmond, Province of British Columbia, this 24th day of November, 1983.


George P. Krueckl, P.Eng.
Consulting Engineer
#123008

APPENDIX

CONDENSED LOGS - 1983 DRILLING PROGRAM

<u>DDH #</u>	<u>Increment</u>	<u>Description</u>	<u>Sample Increment</u>	<u>Sample Number</u>
83-01	0 - 1.0	Overburden	4.57 - 5.64	67810
	1.0 - 57.6	Metamorphosed	6.40 - 7.01	67811
		and altered sandstone	38.11 - 38.26	71662
		greywacke which includes	39.02 - 39.63	71660
		some hornblende, chlorite,	41.46 - 41.77	67812
		epidote & quartz. Evidence	42.50 - 42.68	71658
		of brecciation and faulting	42.68 - 44.20	67813
		frequent. Narrow sections	44.20 - 44.51	71656
are schistose.	44.51 - 45.73	71657		
83-03	0 - 1.7	Overburden	4.75 - 4.82	71666
	1.7 - 55.8	Metamorphosed	6.86 - 7.01	71659
		and altered sandstone	38.26 - 38.72	67814
		greywacke which includes	38.72 - 39.48	71663
		some hornblende, chlorite,	39.48 - 39.79	71664
		epidote & quartz. Evidence	39.79 - 40.09	71665
		of brecciation and faulting	40.09 - 40.70	67815
		frequent. Narrow sections	41.00 - 41.31	67816
		are schistose.	42.99 - 43.17	67817
			43.90 - 44.09	67818
			44.54 - 44.88	67819
			46.07 - 46.64	67820
			50.30 - 50.61	71551
			50.91 - 51.21	71552
	53.35 - 53.51	71553		
83-04	0 - 2.3	Overburden	17.07 - 17.68	71506
	2.3 - 46.6	Metamorphosed	30.79 - 31.71	71505
		and altered sandstone	31.71 - 32.01	71504
		greywacke which	32.01 - 32.32	67821
		includes some hornblende,	32.32 - 33.11	67823
		chlorite, epidote & quartz.	33.63 - 34.05	67824
		Evidence of brecciation	36.01 - 36.28	67825
		and faulting. Narrow	39.42 - 39.82	67826
		sections are schistose.	39.94 - 40.64	67827
			41.46 - 41.77	67828
			43.60 - 44.05	71507
			44.05 - 45.12	67829
			45.12 - 45.43	71508
			45.73 - 46.04	71509
		47.10 - 47.87	71510	
		48.02 - 48.48	71511	
		49.70 - 50.00	71512	
		52.44 - 52.74	71513	
		53.35 - 54.88	71514	
	46.6 - 48.8	Gradational Contact		
	48.8 - 64.0	Quartz Manzonite		

<u>DDH #</u>	<u>Increment</u>	<u>Description</u>	<u>Sample Increment</u>	<u>Sample Number</u>
83-05	0 - 6.1	Overburden	21.34 - 21.65	71520
	6.1 - 61.0	Metamorphosed and altered sandstone greywacke which includes some hornblende, chlorite, epidote & quartz. Evidence of brecciation and faulting. Narrow sections are schistose.	22.87 - 23.32	71521
		25.00 - 25.61	71522	
		39.02 - 39.82	71523	
		48.48 - 49.39	71524	
		49.85 - 50.30	71525	
		50.61 - 50.91	71526	
52.13 - 52.74	71527			
83-06	0 - 11.9	Overburden	31.34 - 31.43	67830
	11.9 - 61.0	Metamorphosed and altered sandstone greywacke which includes some hornblende, chlorite, epidote & quartz. Evidence of brecciation and faulting. Narrow sections are schistose	31.43 - 32.32	67831
		32.32 - 32.77	67832	
		34.76 - 35.24	67833	
		40.03 - 40.15	67834	
		40.73 - 41.16	67835	
		43.78 - 43.99	67836	
		44.15 - 46.28	67837	
83-07	0 - 4.6	Overburden	35.06 - 35.73	67838
	4.6 - 61.0	Metamorphosed and altered sandstone greywacke which includes some hornblende, chlorite, epidote & quartz. Evidence of brecciation and faulting. Narrow sections are schistose.	41.40 - 41.86	67839
		49.48 - 50.03	67840	
		50.30 - 50.61	67841	
		51.19 - 51.49	67842	
		51.83 - 52.13	67843	
		57.50 - 57.71	67844	
PS83-1	0 - 12.3	Metamorphosed and altered sandstone greywacke which includes some hornblende, chlorite, epidote & quartz. Evidence of brecciation and faulting. Narrow sections are schistose	0.91 - 2.44	71516
		4.57 - 5.18	71517	
		5.95 - 7.16	51518	
		7.80 - 8.69	71519	
PS83-1	0 - 4.3	Metamorphosed and altered sandstone greywacke	2.44 - 3.66	67822

APPENDIX I p.1

<u>SAMPLE NO.</u>	<u>WIDTH</u>	<u>Au. oz/t</u>	<u>Ag. oz/t</u>	<u>Pb. %</u>	<u>Zn. %</u>	<u>Cu. %</u>
41117	3'	.001	.03			
41118	25'	.001	.01			
41119	5'	.001	.01			
41120	14'	.001	.02			
41121	20'	.001	.10			
41122	20'	.001	.01			
41123	20'	.001	.07			
41124	5'	.001	.01			
41125	grab	.033	125.00			
41126	4'	.018	14.80	5.48	25.80	
41127	5'	.079	64.50	4.22	4.28	
8301	4½ - 7'	tr	.597			
8302	0 - 2'	tr	8.442			
8303	0 - 3'	.086	11.118			
8304	0 - 2'	.064	83.388			
8305	2'	.016	3.918			
8306	5"	.038	24.258			
8307	6"	.028	66.150			
8308	6"	.030	37.338			
8309	6"	.060	31.744			
8310	3"	.016	17.404			
8311	7"	.006	56.166			
8312	6"	.026	13.320			
8313	3"	.052	55.522			
8314	3"	.092	30.294			
8315	12"	.464	24.836			
8316	12"	.028	27.186			
8317	8"	.012	28.996			
8318	8"	tr	.303			
8319	18"	tr	.158			
8320	12"	tr	.057			
8321	36"	1.234	37.140			
8322	4"	.188	19.614			
8323	12"	.005	.622			
8324	2'	.016	176.98			
8325	2'	.034	135.69			
8326	2'	.124	559.49			
8327	4"	.022	306.83			
8328	16"	.010	161.77			
8329	3"	.196	161.33			
8330	8"	.042	59.76			
8331	12"	.150	37.56			
8332	grab	.038	103.39			
8333	12"	.020	8.49			
8334	20"	.024	109.81			
8335	8"	.094	168.95			
8351	3'	.001	.62			
8352	5'	tr	4.61			.38
8353	4'	tr	.284			
8354	4'	tr	11.350			
8355	2'	.006	1.224			
8356	4'	.016	9.448			

27/3/81

APPENDIX I p.3

<u>SAMPLE NO.</u>	<u>WIDTH</u>	<u>Au. oz/t</u>	<u>Ag. oz/t</u>	<u>Pb. %</u>	<u>Zn. %</u>	<u>Cu. %</u>
A	grab	.037	99.50	14.30	6.05	
401	grab	.002	3.02	.38	.88	
402	grab	.007	14.40	1.25	1.72	
403	grab	.004	6.46	.51	.40	
404	18"	.008	.28			
405	18"	.002	3.21			
406	13"	.001	.92			
407	24"	.001	.26			
408	14"	.046	4.88			
409	12"	.022	14.90			
410	24"	.001	.81			
411	13"	.029	37.80	9.70	6.15	
412	18"	.001	2.48	.40	1.10	
413	12"	.002	2.17			
414	24"	.007	2.64	1.32	4.18	
415	4'	.042	11.30	3.21	1.22	
416	5'	.007	1.16			
417	6'	.006	.93			
418		.084	35.20	4.82	.05	
419		.041	34.20	4.70	10.40	
420		.017	6.04	.67	1.72	.02
426		.004	.72			
427		.048	12.60	2.82		
428		.001	.23	.05		
429		.001	.35			
430		.003	.31			
431		.001	.04			
432		.011	5.46	.35	.15	
433		.001	.72	.03		
434		.001	.10			
435		.001	.04			
436		.001	.54	.13		
437		.001	.23			
438		.001	.39			

Handwritten:
27/3/81

APPENDIX I p.4

<u>SAMPLE NO.</u>	<u>WIDTH</u>	<u>Au. oz/t</u>	<u>Ag. oz/t</u>	<u>W03</u>
<u>1047 Premier Gold Mine Samples</u>				
4516	4.5'	.02	1.38	tr
4517	3.5'	.02	2.98	-
4518	0.9'	.02	1.08	0.5
4519	1.0'	.01	1.29	tr
4520	1.0'	.06	13.44	-
4521	0.7'	.02	1.18	0.6
4522	0.8'	.02	8.68	tr
4523	0.8'	.01	1.39	tr
4524	grab	.01	2.19	-
4525	3.5'	tr	.70	-
4526	1.0'	.04	12.36	tr
4527	0.9'	.05	9.75	-
4528	0.5'	.18	26.02	tr
4529	4.0'	.09	13.31	tr
4530	4.0'	.02	4.38	-
4531	0.5'	.03	12.17	tr
4532	0.7'	.07	6.13	tr
4533	3.0'	.01	4.69	-
4534	0.5'	.02	1.48	tr
4535	0.4'	.01	1.49	tr
4536	0.6'	.01	.99	tr
4537	0.8'	.03	14.17	-
4538	2.0'	1.73	108.27	tr
4539	1.5'	.05	24.45	tr
4540	1.0'	.03	8.37	tr
4541	2.0'	1.06	11.54	tr
4542	5.0'	.13	52.07	tr

[Signature]
27/3/81

Certificate of Assay

TO: Paul Dupras
Bayview Resources

PROJECT No. _____

DATE: Aug 29 1993

File No. BP-2

SAMPLE No.	As	Ag				
	g/ton	g/ton				
071452	.015	.26				
71453	.088	14.05				
71454	.004	.31				
71455	.004	.13				
071456	.004	.35				
071516	.001	.40				
71517	.007	2.55				
71518	.025	4.90				
71519	.003	.90				
71520	.001	.10				
71521	.001	—				
71522	.001	—				
71523	.013	4.95				
71524	.001	.95				
71525	.002	—				
71526	.001	.10				
71527	.001	.03				
071528	.001	.03				

MINE-EN Laboratories Ltd.
CERTIFIED BY: 

ALME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED OCT 19 1983

DATE REPORTS MAILED Oct 25/83

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.

ASSAYER A. J. J. DEAN TOYE, CERTIFIED B.C. ASSAYER

BAYVIEW RESOURCES LTD

FILE # 83-2630B

PAGE# 1

SAMPLE	CU %	PB %	ZN %	AG OZ/TON	AU OZ/TON	SB %
67845	-	.63	1.46	8.03	.003	-
67846	-	-	-	.21	.001	.01
67848	-	-	-	.09	.001	-
67849	-	-	-	.22	.241	-
67850	-	.01	-	.01	.010	-
71457	-	.20	.54	2.28	.001	-
71458	-	-	-	.38	.004	-
71459	-	-	-	.12	.003	-
71460	-	-	-	.13	.003	-
71461	.04	.32	.08	.26	.001	-
71462	-	-	-	1.40	.007	-
71463	-	-	-	.10	.001	-
71464	-	.01	.01	.01	.001	-
71465	-	-	-	.09	.110	-
71466	-	.01	-	.08	.004	-
71467	-	.05	5.18	.41	.001	-

ASSAY CERTIFICATE

SAMPLE TYPE : CORE - CRUSHED AND PRULVERIZED TO -100 MESH.

ASSAYER N. J. Toy DEAN TOYE, CERTIFIED B.C. ASSAYER

BAYVIEW RESOURCES LTD

FILE # 83-2471

PAGE# 1

SAMPLE	PB %	ZN %	AG OZ/TON	AU OZ/TON
67810	-	-	.01	.011
67811	-	-	.01	.001
67812	.25	.48	.80	.002
67813	.77	.56	1.15	.004
67814	.40	3.12	.56	.002
67815	.76	.31	3.74	.003
67816	-	-	.10	.001
67817	-	-	.12	.001
67818	-	-	.15	.001
67819	-	-	.76	.001
67820	-	-	.32	.002
67821	-	-	.27	.002
67822	-	-	2.32	.002
67823	-	-	.07	.001
67824	-	-	.13	.001
67825	-	-	.01	.001
67826	-	-	.10	.001
67827	-	-	.13	.002
67828	-	-	.08	.005
67829	.01	.01	.12	.018
67830	.56	.41	1.37	.019
67831	.42	.28	.86	.018
67832	.03	.08	.11	.005
67833	-	-	.01	.001
67834	-	-	.26	.002
67835	-	-	.58	.004
67836	-	-	2.72	.016
67837	-	-	.02	.003
67838	-	-	.29	.001
67839	-	-	.09	.001
67840	.44	1.07	.88	.019
67841	.42	.63	.93	.002
67842	.33	.69	.86	.005
67843	.76	1.38	1.12	.007
67844	-	-	.62	.002

BAYVIEW RESOURCES LTD.

STATEMENT OF DEFERRED EXPLORATION AND ADMINISTRATION EXPENDITURES

FOR THE YEAR ENDED JANUARY 31, 1984

(Prepared by Management)

	1984	1983	Cumulative to January 31, 1984
	\$	\$	\$
EXPLORATION			
Assays	2,651	3,661	6,312
Camp supplies	18,929	5,433	24,362
Communication	1,299	1,514	2,813
Consultants	8,148	5,136	13,284
Depreciation		3,879	3,879
Equipment rental	25,180	7,243	32,423
Fees and licences	1,106	2,068	3,174
Field supplies	13,762	5,668	19,430
Helicopter	32,988	8,383	41,371
Sundry		4,726	4,726
Surveying	8,292		8,292
Travel	27,218	5,827	33,045
Wages	76,510	41,986	118,496
	<u>216,083</u>	<u>95,524</u>	<u>311,607</u>
Less mineral revenue	<u>24,858</u>		<u>24,858</u>
	<u>191,225</u>	<u>95,524</u>	<u>286,749</u>
ADMINISTRATION			
Accounting and administration	4,528	20,795	25,323
Bank charges and interest	559	2,048	2,607
Insurance	300	600	900
Management fees	3,750	13,500	17,250
Printing and office	2,803	3,754	6,557
Professional services	16,896	31,286	48,182
Public relations	6,761	10,096	16,857
Stock exchange and transfer agent	6,258	9,578	15,836
	<u>41,855</u>	<u>91,657</u>	<u>133,512</u>
Less interest earned	<u>1,287</u>	<u>8,210</u>	<u>9,497</u>
	<u>40,568</u>	<u>83,447</u>	<u>124,015</u>
	<u>231,793</u>	<u>178,971</u>	<u>410,764</u>

ICME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED AUG 19 1983

DATE REPORTS MAILED

Aug 24/83

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PAULVERIZED TO -100 MESH.

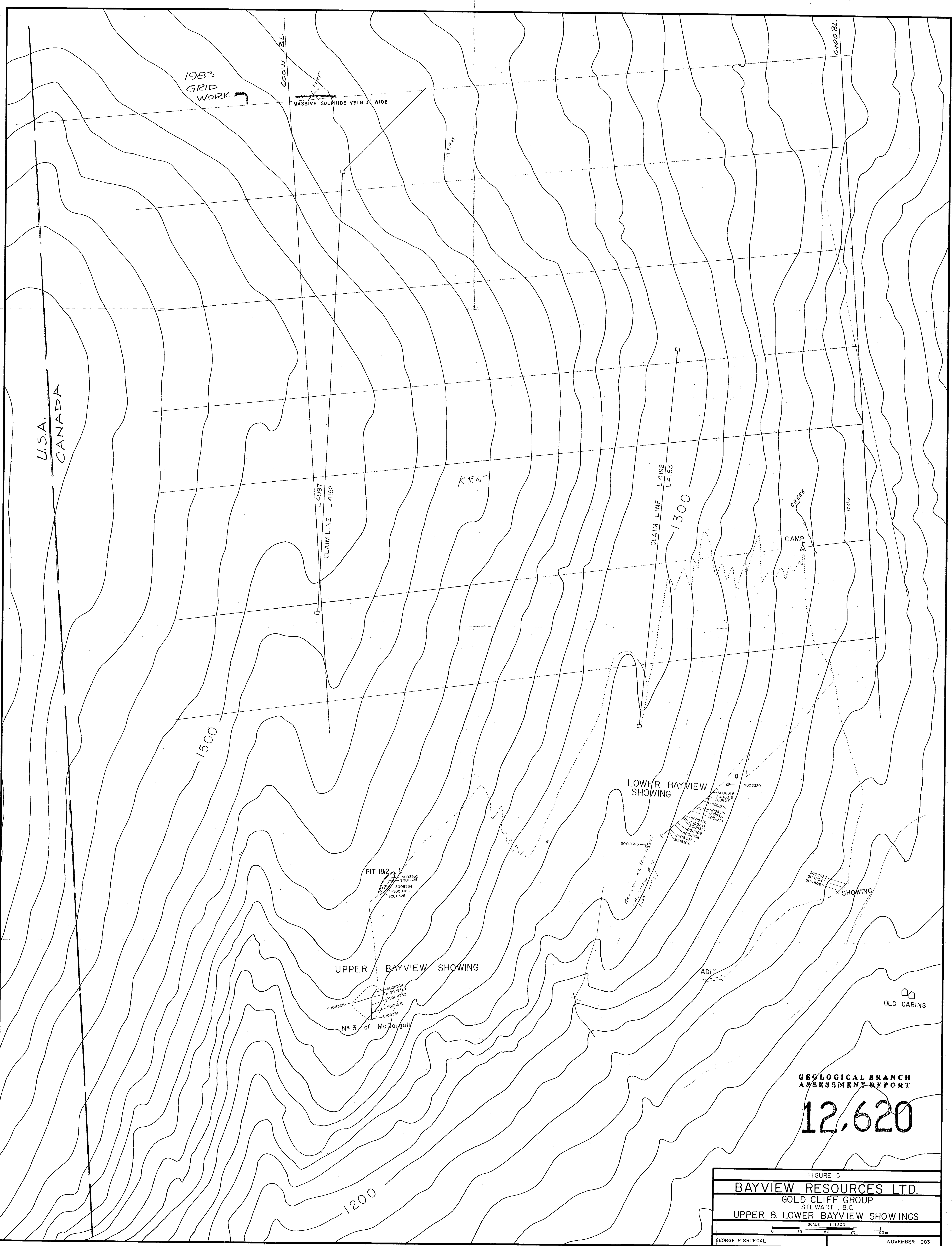
ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

DUCHAN ENTERPRISES LTD

FILE # 83-1728D

PAGE# 1

SAMPLE	CU %	PB %	ZN %	AG OZ/TON	AU OZ/TON
71451	-	-	-	4.96	.012
71504	-	.30	.05	1.09	.004
71505	-	-	.02	.59	.003
71506	-	-	-	.13	.001
71507	-	-	.01	.14	.005
71508	-	-	.01	.30	.060
71509	-	-	-	.03	.017
71510	-	-	-	.04	.001
71551	-	-	-	-	.001
71552	-	-	-	-	.001
71553	-	-	-	-	.001
71601	-	.01	.01	.49	.041
71602	-	.01	.01	.10	.001
71603	.16	.05	1.17	.19	.006
71604	-	-	-	.01	.001
71606	-	-	-	.01	.001
71607	-	-	-	.01	.001
71656	-	1.23	2.49	14.97	.006
71657	-	-	-	2.60	.003
71658	-	-	-	.11	.001
71659	-	-	-	.05	.001
71660	-	1.39	1.76	12.90	.011
71662	-	-	-	.29	.001
71663	-	.67	1.52	3.90	.005
71664	-	3.88	2.13	29.08	.040
71665	-	1.92	2.29	14.24	.015
71666	-	-	-	.72	.001



U.S.A.
CANADA

1983
GRID
WORK

MASSIVE SULPHIDE VEIN 3' WIDE

KENT

CLAIM LINE L 4997
L 4192

CLAIM LINE L 4192
L 4183

1500

1300

LOWER BAYVIEW
SHOWING

PIT 182

UPPER BAYVIEW SHOWING

ADIT

CAMP

CREEK

SHOWING

OLD CABINS

1200

No 3 of McDougall

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,620

FIGURE 5

BAYVIEW RESOURCES LTD.

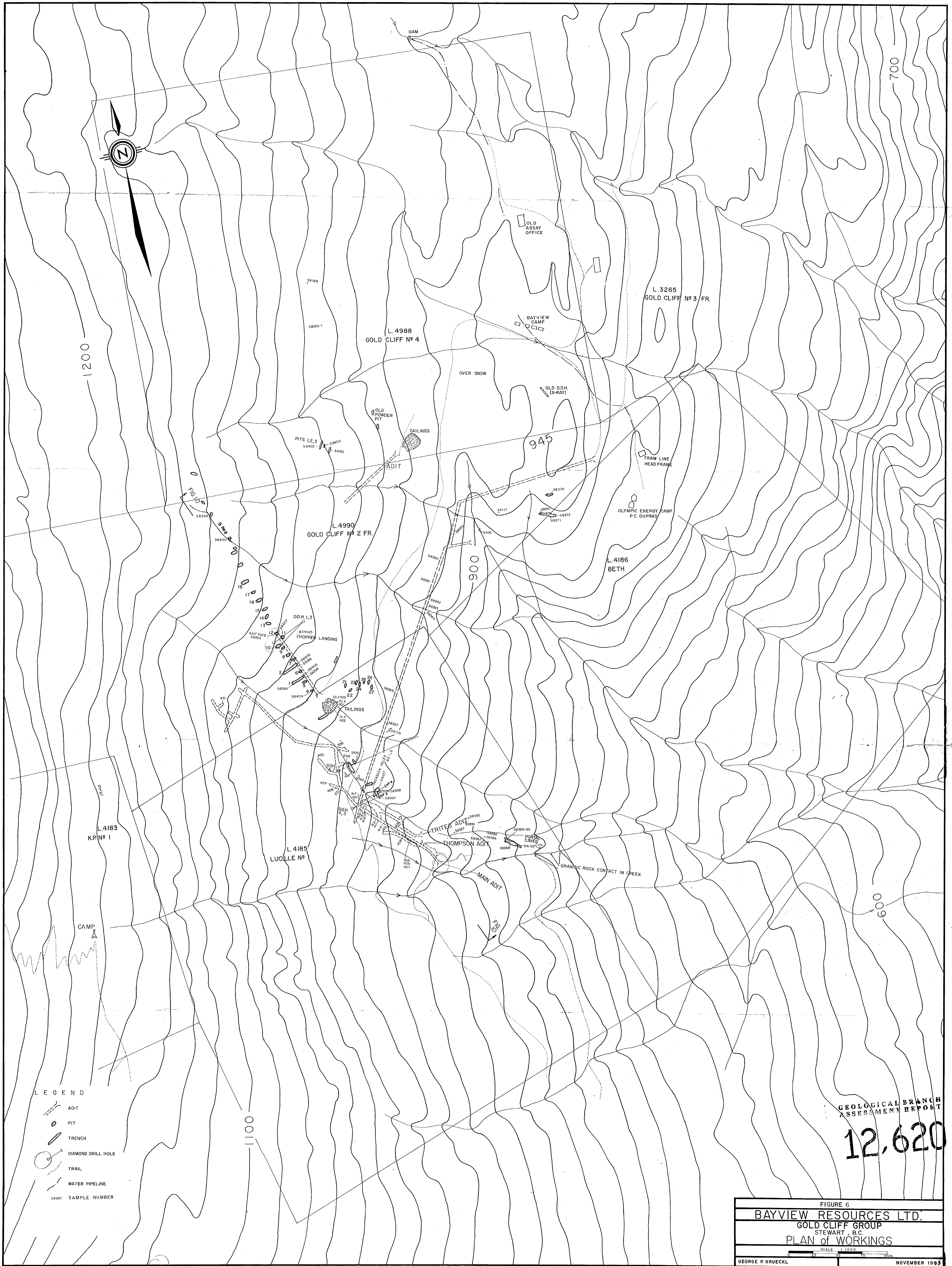
GOLD CLIFF GROUP
STEWART, B.C.

UPPER & LOWER BAYVIEW SHOWINGS

SCALE 1:1200

0 25 50 75 100 m

GEORGE P. KRUECKL NOVEMBER 1983

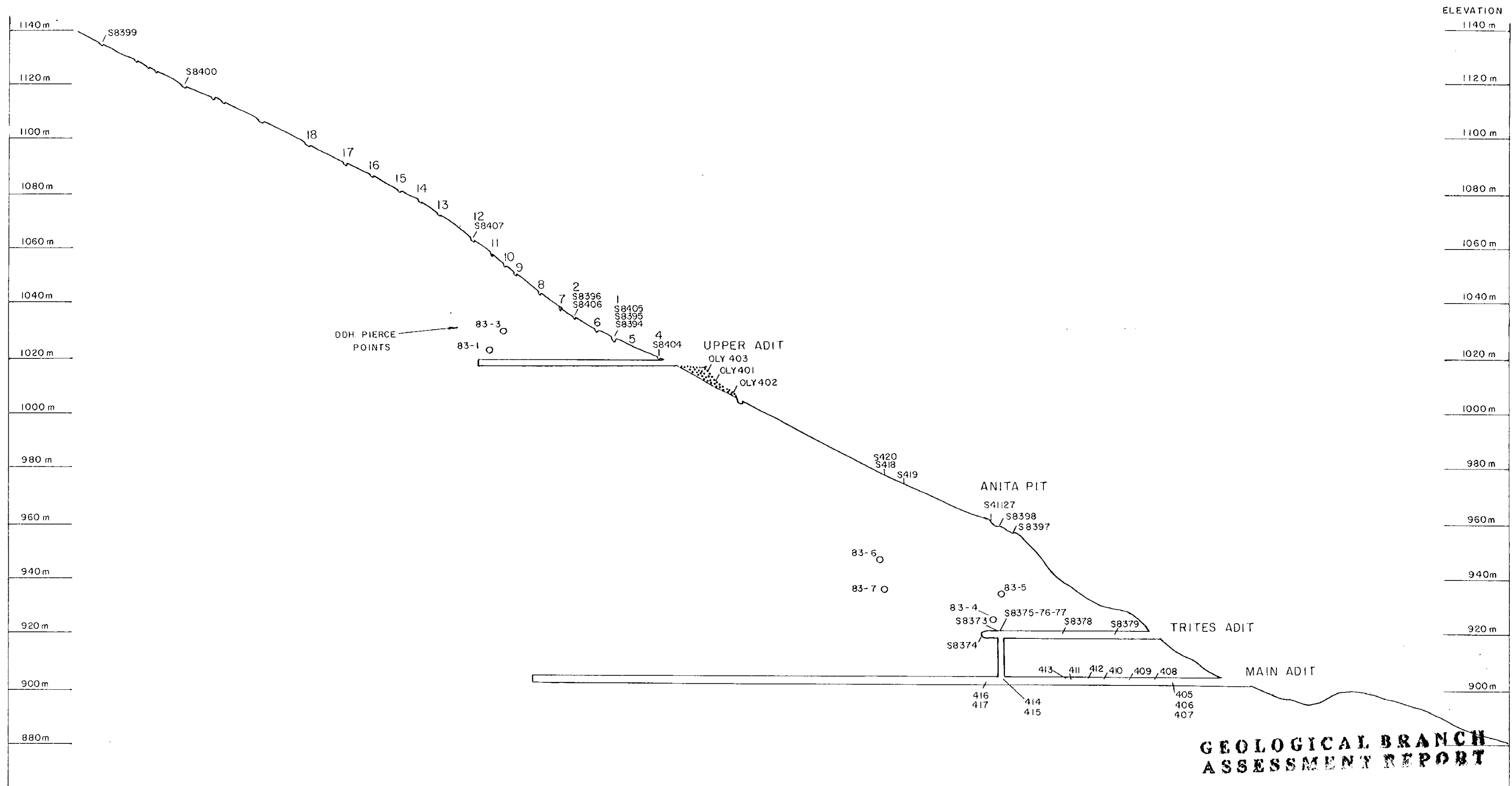


GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,620

FIGURE 6	
BAYVIEW RESOURCES LTD.	
GOLD CLIFF GROUP	
STEWART, B.C.	
PLAN of WORKINGS	
SCALE 1:1200	NOVEMBER 1983
GEORGE P. KRUECKL	

LOOKING NORTHEAST



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,620

BAYVIEW RESOURCES LTD.	
FIG. 10	
SECTION PARALLEL TO TRITES ZONE	
GOLD CLIFF CLAIMS	
N.T.S 103 0/16, SKEENA MINING DIV.	
GEORGE P. KRUECKL	NOV. 1983