

Report on the
Amai Inlet Project 1986
Zaballos Area
Alberni Mining Division
50⁰⁰ North Latitude & 127⁰⁵ West Longitude

for

Cortez Explorations Inc.

by

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July 29, 1986

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,079

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1.0 SUMMARY AND CONCLUSIONS

Cortez Explorations Inc. has undertaken reconnaissance exploratory surveys of geology, soil and silt geochemistry on the Amai Inlet Project, complimented with a diamond drill program in the main adit area.

Reconnaissance surveys covered the upstream Adams Creek area, Eclipse showing, Amai Creek drainage and the Machta Creek area.

Positive soil and pan concentrates sample results were obtained in selective locations in all areas. These require further work.

Diamond drilling was successful in depicting the character of the gold bearing quartz vein and related felsic and mafic dikes, with one excellent intersection being obtained and three others of definite encouragement. Assay data and a description of the drill hole intercepts is presented in Section 8.3, in diamond drill logs included in Appendix D, and on Plans and Sections Plans 5-10 included in Appendix E.

The property warrants a continued program of evaluation as described.

As the exploratory program is continuing further assessment credits will be applied at a later date.

2.0 INTRODUCTION

The Amai Inlet Project of Cortez Exploration Inc. is situated on the south side of Amai Inlet covering the 56 unit Murphy Option, and the contiguous Thomson Option consisting of twenty-two post claims and 64 units.

The Murphy Option package is a recent location of the abandoned Patmore Gold Mine which was originally located as the FilMil group of twelve claims staked by J.J. Pugh and Associates in 1938. The initial claims of the Thomson package were located as the D.L. Group in 1974 with additional claims being staked in 1978, 1985 and 1986 (Nobs relocation).

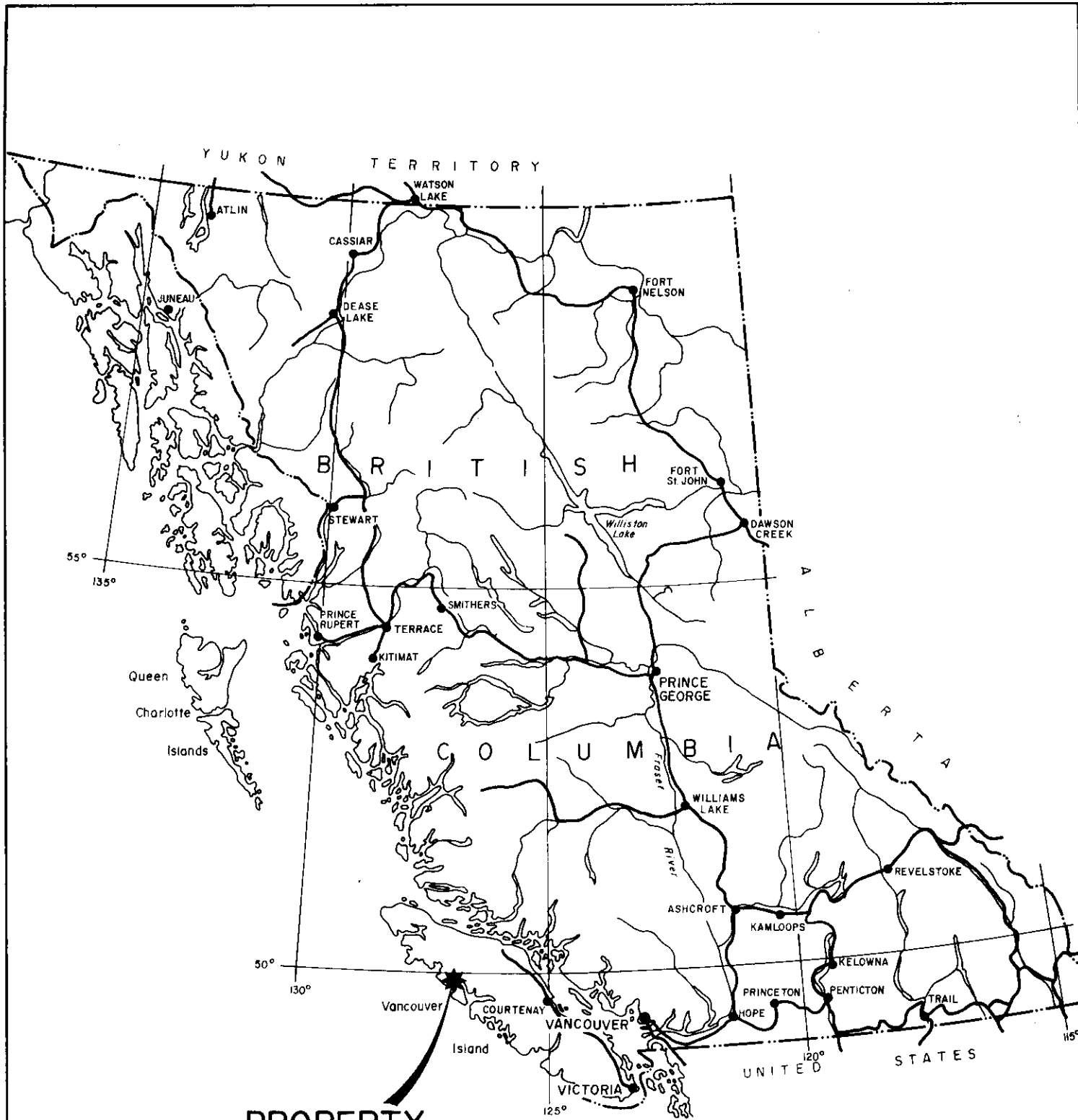
During 1986, reconnaissance stream soil, and rock geochemistry, and geology were undertaken on parts of the Thomson group not covered by 1985 surveys. Detailed geology, soil geochemistry and diamond drilling were also completed on the Murphy package so as to assess the economic potential of the abandoned Patmore Mine workings.

This report is a summary of the 1986 surveys, including recommendations for additional follow-up work. The initial phase of the recent surveys commenced on May 15, 1986 with field crews undertaking the reconnaissance work on the Thomson claims prior to the commencement of diamond drilling at the main adit area of the Murphy claims. All field work was completed by July 14, 1986.

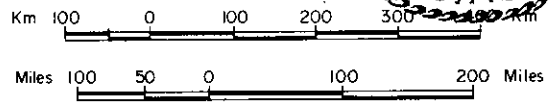
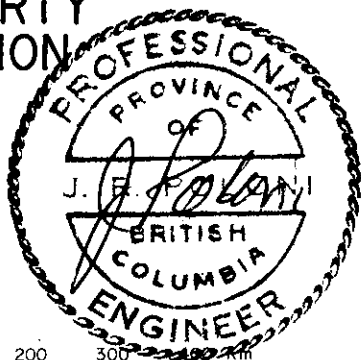
The author initially visited the property on September 17, 1980, and on numerous occasions during the 1986 surveys.

Property Location Map

Plan No. 1



PROPERTY
LOCATION



CORTEZ EXPLORATIONS INC.
 AMAI INLET PROJECT
 PROPERTY LOCATION MAP
 ALBERNI MINING DIVISION, B.C.

JOHN R. POLONI & ASSOCIATES LTD.		
Drawn : J.R.P.	Checked : J.R.P.	Plan No.
Scale : As shown	Date : July 25, 1986	L

3.0 LOCATION AND ACCESSIBILITY

The property covers the whole south side of Amai Inlet and much of the drainage patterns of Adams, Amai, and Narrow Gut Creeks. Zeballos is situated about 24 kilometers to the east, and Kyuquot is at approximately 20 kilometers to the west. Amai Inlet is a branch of Kyuquot Sound.

Claim location is described as being at 50⁰⁰' North Latitude, 127⁰⁵' West Longitude, in the Alberni Mining Division, Vancouver Island, British Columbia.

Access from Vancouver to the property is possible by the new North Island Highway from Campbell River to Zeballos and Fair Harbour and then via boat to Amai Inlet. For 1986 work, helicopter support was utilized because of individual project locations.

A helicopter pad was established near the mine portals to service the drilling camp.

4.0 CLAIM INFORMATION

The following claims comprise the Murphy and Thomson packages:

Murphy Claims

<u>Name</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Units</u>
Amai Gold	152 (11)	Nov. 23, 1977	6
Narrowgut Gold	194 (4)	April 27, 1978	4
Cachalot Gold	195 (4)	April 27, 1978	6
Phil Mill	196 (4)	April 27, 1978	1
Adam	442 (4)	April 18, 1979	1
Stone Nipples	443 (4)	April 18, 1979	10
Remarkable	445 (4)	April 18, 1979	4
Machta Gold	2614 (6)	June 20, 1985	20
Connoisseur	2615 (6)	June 20, 1985	4

Thomson Claims

<u>D.L. Group (2 post)</u>			<u>Expiry Year</u>
D.L. 1	20892	Nov. 1, 1974	1987
2	20893	Nov. 1, 1974	1987
3	20894	Nov. 1, 1974	1987
4	20895	" "	1987
5	280 (10)	Oct. 20, 1978	1987
6	281 (10)	" "	"
7	282 (10)	" "	"
8	283 (10)	" "	"
9	284 (10)	" "	"
10	285 (10)	" "	"
11	286 (10)	" "	"

4.0 CLAIM INFORMATION, cont'd.

<u>Name</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Expiry Date</u>
D.L. 12	287 (10)	Oct. 20, 1978	1987

Nobs Group (2 Post)

Nobs 1	2964	July 17, 1986	
2	2965	" "	
3	2966	" "	
4	2967	" "	
5	2968	" "	
6	2969	" "	
7	2970	" "	
8	2971	" "	

	<u>Record Number</u>	<u>Record Date</u>	<u>Units</u>
Eclipse #1	2688 (9)	Sept. 19, 1985	20
Eclipse #2	2689 (9)	Sept. 19, 1985	8
Eclipse #3	2690 (9)	Sept. 19, 1985	16
Eclipse #4	2691 (9)	Sept. 19, 1985	20

All claims are held under option by Cortez Explorations Inc.

5.0 PHYSICAL FEATURES

Amai Inlet, part of Kyuquot Sound, is a typical example of the topography of the west coast of Vancouver Island. Heavily timbered, large fjords, frequently sheltered from the sea by numerous coastal islands, are characteristics.

The trees are mainly cedar with hemlock and balsam common at lower elevations. Underbrush is dense.

Precipitation is heavy with the annual amount of about 100 inches occurring mostly as rain. Snowfall at higher elevations is considerable, but only minimal at tidewater.

Water supply at the tunnels is meager during extended dry periods but can be torrential with frequent rainfall. Access is generally difficult with numerous steep scarps making drill site location and camp establishment an extreme task.

A tram line was cut in the 1940's, from sea level to the area of the tunnels. Presently, this has become overgrown with second growth timber.

6.0 HISTORY

The property was initially located in 1938 by Budd Pugh, prospector, with twelve claims being staked and open cut work being done principally in Fil Creek. In 1941, W.H. Patmore leased the claims, constructed camp buildings, built a dock, cleared a right-of-way for a tramway, and undertook about 210 meters of tunnelling at the 437, 497, and 531 meter levels. At this time a 15 TPD mill was installed at sea level.

During this period the tunnels were sampled by Mr. Patmore with rechecking being undertaken by C.M. Campbell in 1944. Copies of sample data were included in my report on the property dated June 7, 1982.

Prior to Dr. Patmore's work, Mr. Franc Jobin in 1938 and 1940 had examined the showings for Pioneer Gold Mines of B.C. Limited. Also in 1940, Con West had undertaken detailed sampling underground. During the period 1977 - 1979 D. Murphy located the claims, completing mapping and soil sampling on sections of the property. During 1980 - 1982, Mr. J. Clyne optioned the property from Mr. Murphy on behalf of Red Mountain Resources Ltd. completing road work, placer sampling, and adit clearing. In 1982 Cal Denver Resources Ltd. optioned the property from Mr. Murphy. Little work was undertaken between 1982 - 1985 because of litigation between Mr. Clyne and Cal Denver Resources Ltd.

During 1985 Mr. Murphy located the Machta Gold and Connoisseur Mineral Claims. At this time, J.P. Franzen completed geological mapping and sampling at a cost of \$54,196.00.

6.0 HISTORY, cont'd.

Reconnaissance geology and silt sampling were conducted on parts of the Thomson claims by Mr. J. Laird and K.E. Northcole during 1985. Recent surveys have been reported on by Mr. Franzen and Mr. Northcote, dated November 15, 1985, and March 15, 1986 respectively.

7.0 GEOLOGY

7.1 Regional Picture

The oldest unit exposed in the northwestern Vancouver Island is the Upper Triassic Karmutsen Formation consisting of a thick sequence (6,200 m) of tholeiitic volcanic rocks, with a standard section consisting of a lower member (2,600 m) pillow lava, a middle member (800 m) of pillow breccia and aquagene tuff and an upper member (2,900 m) of massive lava flows.

Bonanza Group volcanic rocks are present which represent an Island Arc sequence.

The Karmutsen-Bonanza rocks referred to as the Vancouver group have been intruded by Middle Jurassic Island intrusions of quartz diorite and quartz monzonite. These intrusions are generally elongated in a northwesterly direction. As described by Patmore W.H., 1945, in describing the Amai Inlet area,

"The ore bearing veins and their dikes lie in north-south fractures and shear zones which cut, at steep dips, an almost circular boss of pinkish grano-

7.0 GEOLOGY, cont'd.

7.1 General Geology, cont'd.

diorite about 6 miles in diameter embracing all of Deep Inlet. This intrusive, if it does not actually make a surface junction with the southwestern contact of the main Zeballos granodiorite (grey), must meet its flank at shallow depths. These granitic rocks are easily distinguished in the field by the almost totally light grey to blackish (dioritic phase) appearance of the Zeballos batholith and by abundant areas, small masses, and irregular dikelets of pink to red orthoclase feldspar, so common in the greenish Deep Inlet intrusive... A large portion of the older roof (or host) rocks of the area are massive black to green volcanic flows of andesitic and basaltic composition. Local intercalations of impure grey limestone are found in scant quantity. Volcanic breccias and purple tuffs are common in parts of the area but light-colored, fine-grained felsic tuffs are scarce. A few veins of relatively limited length have been located in the volcanic roof rocks but always close to the border of the granodiorite. These older rocks display very little obvious high grade metamorphism or metasomatism although dikelets of epidote, magnetite and orthoclase are often observed."

7.2 Local Geology

The local geology of the Amai Peninsula has been described in detail by L. Riccio and J. Franzen, November 15, 1985, pages 12-15. Recent geological mapping 1986 has been added to maps completed by Franzen for data continuity.

Mr. K.E. Northcote, March 15, 1986 describes the Eclipse prospect as being within a polyphase granodiorite of the Vancouver Island Intrusions with the intrusive being medium grained grading from mesocratic to leucocratic with the increasing content of potassium feldspar and silica. Contacts are generally gradational. Dikes ranging from basic to aplitic trend northerly.

7.0 GEOLOGY, cont'd.

7.2 LOCAL GEOLOGY, cont'd.

Occasionally narrow fracture zones are found which have been silicified, chloritized, and epidotized which contain thin seams of sulfides and at times native gold.

The main zone on the Eclipse is a thin seam 1 to 5 cm. wide, containing, infrequently, native gold, pyrite, biotite, chlorite and silica.

8.0 EXPLORATION 1986

8.1 Soil Geochemistry - Main Adit Area

As a continuation of the soil geochemistry initiated by Franzen, J. in 1985, survey grids were established upslope and to the south of previous work. The continuation of the adit grid covered an area approximately 390 meters x 250 meters with line spacing at 50 meters and sample interval of 25 meters. The Machta Creek grid covered an area 700 meters x 500 meters with line spacing at 100 meters and sample interval at 25 meters. A total of 293 samples collected of B horizon material and submitted to Bondar Clegg were assayed for gold PPb and silver PPM using A-A methods.

Several anomalous responses were obtained on both grids with the most significant being:

8.0 EXPLORATION 1986, cont'd.

8.1 Soil Geochemistry - Main Adit Area, cont'd.

Adit Grid

Along base line at 3.0 S, 3.5 S; line 3.0 S - 50 W and line 4.0 S - 100 E where values of 660, 2200, 160, and 260 PPb respectively were obtained. These values coupled with previous data indicate an upslope southerly continuation of the gold mineralization explored in the tunnels.

Machta Grid

Several single and multiple station soil geochemical anomalies were obtained in the 1986 survey. These are L8S at 50 and 200 west - 300 PPb, 170 PPb; L10S at 150W - 200 PPb; Base line at 10.25 and 10.75 south - 180 PPb, 180 PPb; line 12 S at 25E - 480 PPb. Multiple station anomalies were obtained at L10S - L11S, at 400 - 450 meters west with values of 1950, 220, 620 and 110 PPb and at L12, L13 and L14 south at 325W, 325W and 275W with values of 120 PPb, 95 PPb and 140 PPb.

Follow-up work is required for the multiple station anomalies as these may indicate gold mineralization related to pronounced north-south linear features. Data is shown on accompanying Plan No. 4 in Appendix E.

8.0 EXPLORATION 1986, cont'd.

8.2 Geology - Main Adit Area

Geological mapping was continued over the extended survey grids with additional data plotted on an extended map submitted in 1985 by J. Franzen. Mapping has shown that the Island Intrusive rocks cover most of the Adit Grid with the volcanic-intrusive contact being to the west, but being vaguely defined because of poor outcrop frequency on the flatter sections of the Machta Grid. Plan No. 3 appended shows recent mapping.

8.3 Diamond Drilling - Main Adit Area

During the period June 27 - July 14, 1986 HydraCore Drills Limited of Richmond, B.C. completed 549.84 meters of BDB diamond drilling in six holes, from one set up situated to the immediate east of No. 3 Adit. The holes were designed to explore gold mineralization previously exposed in tunnelling and sampled in the 1940's and most recently by J. Franzen, 1985. Drill hole information is described in drill logs included in Appendix D of the report and shown on Plans 5 - 10 appended. Data is as follows:

Drill Hole 86-1 bearing 227° with a dip of -45° intersected a quartz diorite medium texture intrusive sequence cut by mafic and felsic dikes at varying dips and strikes to a final depth of 83.21 meters. The main quartz vein was encountered between 77.60 - 78.03 meters housed in iron stained fractured intrusive

8.0 EXPLORATION 1986, cont'd.

8.3 Diamond Drilling - Main Adit Area, cont'd.

with mafic and felsic dikes in close relationship. Assay data is as follows:

<u>Location</u>	<u>Width</u> m	<u>Description</u>	<u>Assay</u>	
			<u>Au oz/T</u>	<u>Ag oz/T</u>
36.43 - 38.06	1.63	Felsic Dike Sulfide Specks	0.004	< 0.02
39.51 - 40.34	0.83	Mafic Dike Mud Seams	0.012	< 0.02
53.23 - 56.80	3.57	Felsic Dike		
53.23 - 53.89	0.66	" "	<0.002	< 0.02
53.89 - 55.33	1.44	" "	0.004	0.02
55.33 - 56.80	1.47	" "	0.002	< 0.02
75.20 - 75.39	0.19	Fe Stained	<0.002	< 0.02
75.55 - 75.60	0.05	Felsic Dike	0.057	0.02
75.60 - 77.60	2.00	Fe Stain Intrusive	0.012	< 0.02
77.60 - 78.03	0.43	Quartz Vein V.G.	11.936	3.29
78.03 - 78.37	0.34	Fe Stained Intrusive	0.468	0.22
78.37 - 79.13	0.76	Mafic Dike	0.016	0.02

End of Hole 83.21 m.

Drill Hole 86-2 bearing 255⁰ with a dip of -45⁰ intersected Quartz diorite, mafic and felsic dikes. Assay data is as follows:

43.33 - 45.72	2.39	Felsic Dike	0.002	< 0.02
51.76 - 52.17	0.41	Mafic Dike	0.003	< 0.02
53.00 - 53.73	0.73	Mafic Dike	0.004	< 0.02
58.77 - 58.83	0.06	Quartz Vein V.G.? Massive Sulfides	0.505	0.04

8.0 EXPLORATION 1986, cont'd.

8.3 Diamond Drilling - Main Adit Area, cont'd.

<u>Location</u>	<u>Width</u> m	<u>Description</u>	<u>Assay</u>	
			<u>Au oz/T</u>	<u>Ag oz/T</u>
<u>End of Hole 67.97 m.</u>				
<u>Drill Hole 86-3 bearing 255⁰ @ a dip of -60⁰ intersected Quartz</u>				
Diorite with felsic and Mafic Dikes. Assay data is as follows:				
48.95 - 50.31	1.36	Mafic Dike Mud Seams	0.002	< 0.02
52.11 - 55.07	2.96	Felsic Dike	0.002	< 0.02
66.05 - 66.70	0.65	Mafic Dike	0.002	< 0.02
79.27 - 80.21	0.94	Felsic Dike Fe Staining, Pyrite	0.013	< 0.02
80.21 - 80.53	0.32	Quartz Vein V.G.? Pyrite Mud Seams	0.498	0.55
80.53 - 81.20	0.67	Felsic Dike	0.040	< 0.02
<u>End of Hole 84.73 m.</u>				
<u>Drill Hole 86-4 bearing 285⁰ with a dip of -60⁰ intersected quartz</u>				
diorite, mafic and felsic dikes. Assay data is as follows:				
49.28 - 52.08	2.80	Felsic Dike Minor Fe, Pyrite	0.003	< 0.02
66.07 - 66.50	0.43	Mafic Dike	0.002	< 0.02
76.16 - 78.56	2.40	Felsic Dike Fe Stain	0.009	< 0.02
78.56 - 79.60	1.04	Quartz Stringer Series, Pyrite	0.117	0.02
79.60 - 82.00	2.40	Felsic Dike	0.005	< 0.02

8.0 EXPLORATION 1986, cont'd.

8.3 Diamond Drilling - Main Adit Area, cont'd.

<u>Location</u>	<u>Width</u> m	<u>Description</u>	<u>Assay</u>	
			<u>Au oz/T</u>	<u>Ag oz/T</u>
82.00 - 84.30	2.30	Felsic Dike	0.002	< 0.02

End of Hole 89.30 m.

Drill Hole 86-5 bearing 320⁰ at a dip of -60⁰ intersected quartz diorite with felsic and mafic dikes and hit No. 2 adit at approximately 4 meters north of the face. Assay data is as follows:

24.53 - 24.91	0.38	Bleached Zone	0.002	< 0.02
43.70 - 45.76	2.06	Mafic Dike	0.002	< 0.02
57.77 - 61.30	3.53	Felsic Dike Barren	0.002	< 0.02
61.30 - 61.70	0.40	Quartz Diorite Fractured	0.002	< 0.02
61.70 - 62.70	1.00	Mafic Dike	0.002	< 0.02
64.10 - 64.92	0.82	Quartz Diorite	0.002	< 0.02

End of Hole 85.34 m.

Drill Hole 86-6 bearing 320⁰ with a dip of -70⁰ intersected quartz diorite with mafic and felsic dikes, and one thin sulfide seam which could represent the main mineralized structure. Assay data is as follows:

53.70 - 54.60	0.90	Quartz Diorite Fe Stain	0.002	< 0.02
61.60 - 63.94	2.34	Felsic Dike Fe Stain	0.002	< 0.02
74.68 - 76.59	1.91	Bleached Section Quartz Diorite	0.020	< 0.02

8.0 EXPLORATION 1986, cont'd.

8.3 Diamond Drilling - Main Adit Area, cont'd.

<u>Location</u>	<u>Width</u> m	<u>Description</u>	<u>Assay</u>	
			<u>Au oz/T</u>	<u>Ag oz/T</u>
92.32 - 93.88	1.56	Mafic Dike Mud Seam	0.002	< 0.02
114.32 - 114.35	0.03	Sulfide Seam	0.028	0.02
125.50 - 126.10	0.60	Fe Stained Quartz Diorite	0.002	< 0.02

End of Hole 139.29 m.

In summary, the best drill hole intercept was obtained in 86-1 where the quartz vein contained abundant free gold and assayed 11.936 oz/T gold - 3.29 oz/T silver for 0.43 meters. The weighted average from 75.55 - 79.13 was 1.488 Au oz/T - 0.42 Ag oz/T for 3.58 meters which is greatly enhanced by the high grade section.

In 86-2 the quartz vein assayed 0.505 Au oz/T - 0.04 Ag oz/T for 0.06 meters. Hole 86-3 intersected a 0.32 meter quartz vein which assayed 0.498 Au oz/T - 0.55 Ag oz/T with a weighted average across 1.93 meters of 0.103 Au oz/T - 0.09 Ag oz/T. Only quartz stringers within a felsic dike environment, were cut in hole 86-4. This section assayed 0.117 Au oz/T - 0.02 Ag oz/T for 1.04 meters. Hole 86-5 unfortunately hit the No. 2 adit at approximately 4 meters from the face. This is in a section previously assayed by J. Franzen (1985) to show 171.8 g/T for 0.3 m., and prior by Patmore 10.7 Au oz/T for 10.1". Hole 86-6 did not intersect a quartz vein

8.0 EXPLORATION 1986, cont'd.

8.3 Diamond Drilling - Main Adit Area, cont'd.

section where down dip continuity of the vein was expected.

A thin sulfide seam assayed 0.028 Au oz/T - 0.02 Ag oz/T for 0.03 meters.

8.4 Adams Creek Reconnaissance

The reconnaissance geology, soil and stream silt sampling in the Adams Creek headwaters and the Eclipse showing areas were undertaken during the period May 15 - May 30, 1986. Two - two man crews operating from individual camps completed detailed soil sampling, rock sampling, geology and stream pan concentrates sampling over two grid areas as shown on Plan No. 11 in Appendix E.

The Eclipse area was covered by randomly orientated grid lines with sample spacing at 25 meters. Ninety-three samples were collected and analysed at Bondar Clegg using A.A. methods for gold PPb, silver PPM, copper ppm, and zinc ppm. B-horizon material was collected where available and placed in kraft sample bags for transport to the laboratory. Five single station anomalies were indicated with highs of 140, 130, 160, 280 and 100 PPb Au. Copper and silver responses were low zinc showed low values with one sample containing 180 PPM.

During this work the author examined the Breccia zone material and collected a float sample which assayed 1.75% Cu,

8.0 EXPLORATION 1986, cont'd.

8.4 Adams Creek Reconnaissance, cont'd.

1.99% Zn, 0.003 Au oz/T, and 0.40 Ag oz/T.

Upper Adams Creek and the Breccia Zone was examined by rock and pan concentrates sampling as reported on to the company by Mr. J. Laird. Twenty-five pan concentrate samples were collected, at critical drainage points as shown on Plan No. 14 appended. Each sample consisted of the black sand and heavy media concentrated materials from two filled standard size gold pans, collected and delivered to Bondar Clegg Laboratories for analysis. The PS-86-S sequence of samples returned several which contained significant gold concentrations. These are S-12, S-13, S-14, S-15, S-17, S-18, S-19, S-21, S-23, S-24 and S-25. Assaying had been undertaken by fire assay A.A. Samples S-15 and S-21 were also analysed using a 20 element, multi acid total digestion D.C. Plasma Method. No appreciable concentrations of elements other than gold was noted.

The results of the pan concentrates sampling indicates that an area immediately southwest and upslope from the camp does warrant detailed prospecting and sampling to determine the source of the high concentration of gold.

Outcrop and float sampling was also undertaken during the same period. Thirty-six samples were collected as shown on accompanying Plan No. 13 appended, and analysed for gold (PPb) by A.A. methods. Sixteen samples were also analysed

8.0 EXPLORATION 1986, cont'd.

8.4 Adams Creek Reconnaissance, cont'd.

using multi acid total digestion D.C. Plasma Methods. Breccia zone float sample BR-1 and BR-2 returned excellent copper, zinc values with low gold.

The DL8-2 showing area containing 200 ppb Au was not analysed using the multi element method. Sample LR-4 which contained 620 PPb Au was a float sample which could indicate an area of upstream interest. Sample PGR-2 an outcrop sample returned 200 PPb Au from the area requiring follow-up prospecting and sampling.

Eleven samples which indicated high concentration of gold, copper and zinc were analysed for gold by fire assay. The S sequence showed:

S-13 - 0.015; S-14 - 0.017; S-15 - 0.636; S-17 - 0.146; S-18 - 0.221; S-21 - 0.570; S-23 - 0.152; S-24 - 0.059; and S-25 - 0.029 Au oz/Ton.

Samples of the breccia zone float assayed:

BR-1 - 2.64% Cu, 2.85% Zn; BR-2 - 3.84% Cu, 2.90% Zn.

8.0 EXPLORATION 1986, cont'd.

8.5 Amai Creek Reconnaissance

Between June 27 - 30, 1986 prospecting and pan concentrates sampling were completed on the main tributaries of Amai Creek which drain the Eclipse #4 Claim. Eight pan concentrates samples were collected by a two man field crew lead by J.J. Poloni. Two samples returned positive response which require follow-up. PS7 and PS8 assayed 0.165 and 0.011 Au oz/T respectively. Assay data and sample location are shown on Plan No. 11 appended.

9.0 RECOMMENDATIONS

9.1 Main Adit Area

Diamond drilling in the Main Adit area has returned one excellent gold bearing intersection in hole 86-1 which contains grade and width which could be mined successfully if volumes exist. To the north 30 meters, holes 86-2 and 86-3 cut quartz vein material of narrower widths and lesser grade although 86-3 averages 0.103 Au oz/T for 1.93 m. Hole 86-2 cut a narrower section of quartz than indicated in tunnel sampling. Further north 20 meters, Hole 86-4 cut a sequence of quartz stringers within a felsic dike which assayed 0.117 Au oz/T for 1.04 meters. The presence of quartz stringers rather than a pronounced quartz vein may indicate a weakened

9.0 RECOMMENDATIONS, cont'd.

9.1 Main Adit Area, cont'd.

section in the structure. Hole 86-6 failed to obtain a quartz vein intercept of importance which may indicate a weakening of the structure at 35 meters below the No. 2 Adit.

Geochemical soil sampling, 1985 and 1986 grids, in the Main Adit area demonstrates that the structure extends to the south upslope for at least 150 meters, from the location of the 86-1 drill hole intercept. Geological, this area appears to be within the granitic phase with the intrusive volcanic contact being further to the south.

Additional drilling is recommended as a follow-up with holes spaced to test the structure at approximately 30 meter intervals to the south. To explore the zone to include the geochemical response, 750 meters will be required with two holes per section for a total of 150 meters for five sections.

9.2 Machta Creek Grid

Follow-up geochemistry, prospecting, detailed geology and sampling are required to evaluate the multiple station geochemical anomalies indicated in 1986 soil geochemical survey.

9.0 RECOMMENDATIONS, cont'd.

9.3 Adams Creek - Amai Creek

Follow-up geology, prospecting and sampling are required to examine positive pan concentrates, and rock sample results obtained in preliminary surveys in May and June 1986.

Appendix A
Program Cost Estimate

Cost Statement

Personnel

J.J. Poloni:	May 29 - June 15	
	18 days @ \$125.00	\$ 2,250.00
M. Crosby:	May 29 - June 15	
	18 days @ \$100.00	1,800.00

Analysis

Bendar Clegg - 292 soil assays for Au & Ag	
292 x 9.65	2,817.60

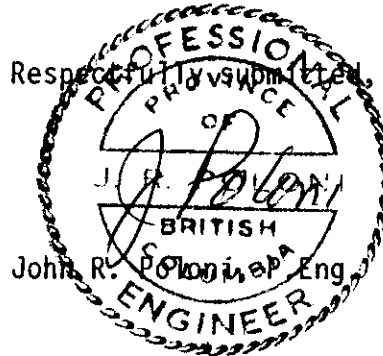
Support Costs

Food, transportation, helicopter and supplies to be included later.

Report and Consulting

Costs to be submitted at later date

TOTAL	\$ 6,867.60
Amount applied towards assessment July 17, 1986	2,400.00



Appendix B

References

REFERENCES

1. Minister of Mines Report, B.C., 1947 and 1955.
2. Jobin, F., 1940. Fil Gold Property, Deep Inlet V.I.
3. Jobin, F., 1938. Notes on the Property for Pioneer Gold Mines of
B.C. Ltd.
4. Patmore, W.H., Dr., 1945. Report on the Patmore Gold Mine, Kyoquot
Sound, B.C.
5. Campbell, C.M., 1944. Report on Patmore Gold Mine.
6. Franzen, J.P., November 15, 1985. Geological Report on the Amai
Inlet Property.
7. Northcote, K.G., March 15, 1986. Geological Mapping, Trenching,
Sampling and Prospecting on the Eclipse Gold Prospect.
8. Poloni, J.R., June 7, 1982. Report on the Amai Inlet Project for
Cal Denver Resources Ltd.

Appendix C
Certificate

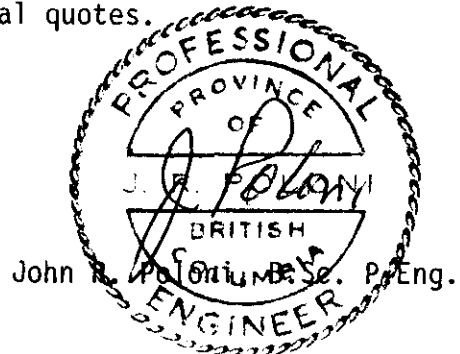
Certificate

I, John R. Poloni, of 5502 - 8B Avenue, in the Municipality of Delta, in the Province of British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal, Quebec, where I obtained a B.Sc. Degree in Geology in 1964.
3. I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers of the Province of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Member of the Canadian Institute of Mining and Metallurgy.
6. I have personally visited the property during 1986 surveys.
7. I have no interest in the properties and securities of Cortez Explorations Inc. nor do I expect to receive or acquire any.
8. I consent to the use of this report by Cortez Explorations Inc. in a submission to the Vancouver Stock Exchange and/or the British Columbia Superintendent of Brokers, and to distribute all or parts of the report to the shareholders or other interested parties provided that the meaning is not altered by partial quotes.

Dated this 29th day of July, 1986.

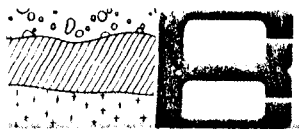


JOHN R. POLONI P. Eng.
Consulting Geologist

Appendix D

Assay Data

Diamond Drill Logs 86-1 - 86-6

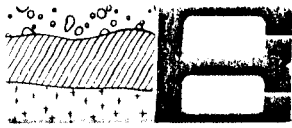


REPORT: 526-2652

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	WT. g
R2 #19		0.498	0.53	510



REPORT: 436-2652

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Ag OPT
---------------	---------------	--------	--------

R2 11		0.002	<0.02
R2 12		0.003	<0.02
R2 13		0.004	<0.02
R2 14		0.505	0.04
R2 15		0.002	<0.02

R2 16		0.002	<0.02
R2 17		0.002	<0.02
R2 18		0.013	<0.02
R2 19		0.726=	0.55
R2 20		0.043	<0.02

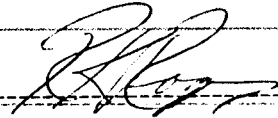
0.498 - 0.53

R2 21		0.003	<0.02
R2 22		0.003	<0.02
R2 23		0.003	<0.02
R2 24		0.117	0.02
R2 25		0.005	<0.02

R2 26		0.002	<0.02
R2 27		0.002	<0.02
R2 28		0.002	<0.02
R2 29		0.002	<0.02
R2 30		0.002	<0.02

R2 31		0.002	<0.02
R2 32		0.002	<0.02
R2 33		0.002	<0.02
R2 34		0.002	<0.02
R2 35		0.002	<0.02

R2 36		0.002	<0.02
R2 37		0.026	0.02
R2 38		0.002	<0.02


 Registered Assayer, Province of British Columbia

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 Canada V7P 2R5
 Phone: (604) 985-0681
 Telex: 04-352667



BONDAR-CLEGG

**Certificate
 of Analysis**

REPORT: 426-2328 (COMPLETE)

REFERENCE INFO:

CLIENT: MR. JOHN POLONI
 PROJECT: NONE GIVEN

SUBMITTED BY: J POLONI
 DATE PRINTED: 16-JUL-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - FIRE ASSAY	21	0.001 OPT		
2	Ag Silver	21	0.01 OPT		

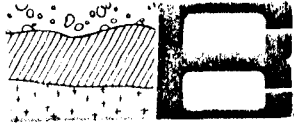
SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	11	2 -150	21	ASSAY PREP	21
C CONCENTRATE (PAN/HM)	10				

NOTES: = indicates SEE OBS REMARKS

REMARKS: = Au, Ag - Au & Ag WAS FOUND IN THE +150 MESH FRACTION AND CALCULATED INTO THE TOTAL.

REPORT COPIES TO: MR. JOHN POLONI
 MR. ED WALLACE

INVOICE TO: MR. JOHN POLONI



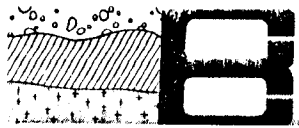
REPORT: 426-2328

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
D2 1		0.004	<0.02
D2 2		0.012	<0.02
D2 3		<0.002	<0.02
D2 4		0.004	0.02
D2 5		0.002	<0.02
D2 6		<0.002	<0.02
D2 7		0.057	0.02
D2 8		0.012	<0.02
D2 9		11.936=	3.29=
D2 10		0.468	0.22
D2 11		0.016	0.02
C2 N1		0.003	0.02
C2 N2		<0.002	<0.02
C2 PS1		<0.002	<0.02
C2 PS3		0.002	<0.02
C2 PS4		<0.002	<0.02
C2 PS6		0.008	<0.02
C2 PS7	Assay small piece →	0.165	0.04
C2 PS8		0.011	<0.02
C2 PS9		0.002	<0.02
C2 NO NUMBER	PS #2	<0.002	<0.02

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 Canada V7P 2R5
 Phone: (604) 985-0681
 Telex: 04-352667



BONDAR-CLEGG

**Geochemical
 Lab Report**

REPORT: 126-2015 (COMPLETE)

REFERENCE INFO:

CLIENT: CORTEZ EXPLORATION INC.
 PROJECT: PHIL MIL

SUBMITTED BY: B. CORTEZ
 DATE PRINTED: 2-JUL-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag Silver	292	0.2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
2	Au Gold - Fire Assay	290	5 PPB	FIRE-ASSAY	Fire Assay AA
3	Au/wt Gold Weight in Grams	15	0.01 G		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	292	1 -80	292	CRUSH,PULVERIZE -150	292

REPORT COPIES TO: CORTEZ EXPLORATION INC.
 J.R. POLONI & ASSOC.

INVOICE TO: CORTEZ EXPLORATION INC.



REPORT: 126-2015

PROJECT: PHIL MIL

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	Au/wt G	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	Au/wt G
S1 1		<0.2	<5		S1 41		<0.2	<5	
S1 2		<0.2	45		S1 42		<0.2	<5	
S1 3		<0.2	<5		S1 43		<0.2	<5	
S1 4		<0.2	30		S1 44		<0.2	<5	
S1 5		<0.2	10		S1 45		<0.2	<5	
S1 6		<0.2	25		S1 46		<0.2	<5	
S1 7		<0.2	5		S1 47		<0.2	<5	
S1 8		<0.2	20		S1 48		<0.2	5	
S1 9		<0.2	<5		S1 49		<0.2	<5	
S1 10		<0.2	10		S1 50		<0.2	25	
S1 11		<0.2	180		S1 51		<0.2	<5	
S1 12		<0.2	<5		S1 52		<0.2	<5	7.00
S1 13		<0.2	180		S1 53		<0.2	<5	
S1 14		0.2	<5		S1 54		<0.2	<5	
S1 15		<0.2	<5		S1 55		<0.2	<5	7.00
S1 16		<0.2	5		S1 56		<0.2	260	
S1 17		0.2	15		S1 57		<0.2	<5	
S1 18		<0.2	5		S1 58		<0.2	<5	
S1 19		<0.2	<5	5.00	S1 59		<0.2	10	
S1 20		<0.2	5		S1 60		<0.2	5	
S1 21		0.2	5		S1 61		<0.2	<5	
S1 22		<0.2	10		S1 62		<0.2	<5	
S1 23		<0.2	10		S1 63		<0.2	<5	
S1 24		<0.2	30		S1 64		<0.2	<5	
S1 25		<0.2	10		S1 66		<0.2	<5	
S1 26		<0.2	5		S1 67		<0.2	5	
S1 27		<0.2	5		S1 68		<0.2	10	
S1 28		<0.2	40		S1 69		<0.2	15	
S1 29		0.2	660	5.00	S1 70		<0.2	<5	
S1 30		<0.2	10		S1 71		<0.2	<5	
S1 31		<0.2	2200		S1 72		<0.2	<5	
S1 32		<0.2	20		S1 73		<0.2	<5	
S1 33		<0.2	10		S1 74		<0.2	<5	
S1 34		<0.2	10		S1 75		<0.2	<5	
S1 35		<0.2	75		S1 76		<0.2	25	
S1 36		<0.2	5		S1 77		<0.2	10	
S1 37		<0.2	5		S1 78		<0.2	<5	
S1 38		<0.2	45		S1 79		<0.2	20	
S1 39		<0.2	<5		S1 80		<0.2	10	
S1 40		<0.2	<5		S1 81		<0.2	<5	

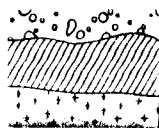


REPORT: 126-2015

PROJECT: PHIL MIL

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	Au/wt G	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	Au/wt G
S1 82		<0.2	5		S1 122		<0.2	10	6.00
S1 83		<0.2	<5		S1 123		<0.2	20	
S1 84		<0.2	<5		S1 124		<0.2	5	
S1 85		<0.2	<5		S1 125		<0.2	10	
S1 86		<0.2	5		S1 126		<0.2	5	
S1 87		<0.2	10		S1 127		<0.2	170	
S1 88		<0.2	<5		S1 128		<0.2	<5	
S1 89		<0.2	15		S1 129		<0.2	<5	
S1 90		<0.2	5		S1 130		<0.2	<5	
S1 91		<0.2	5		S1 131		<0.2	10	
S1 92		<0.2	5		S1 132		<0.2	<5	
S1 93		<0.2	<5		S1 133		<0.2	<5	
S1 94		<0.2	<5		S1 134		<0.2	<5	
S1 95		<0.2	<5		S1 135		<0.2	<5	
S1 96		<0.2	<5		S1 136		<0.2	10	
S1 97		<0.2	<5		S1 137		<0.2	<5	5.00
S1 98		<0.2	<5		S1 138		<0.2	5	
S1 99		<0.2	20		S1 139		<0.2	10	
S1 100		<0.2	<5		S1 140		<0.2	15	
S1 101		<0.2	160		S1 141		<0.2	15	
S1 102		<0.2	15		S1 142		<0.2	10	
S1 103		<0.2	5		S1 143		<0.2	25	
S1 104		<0.2	<5		S1 144		<0.2	40	
S1 105		<0.2	15		S1 145		<0.2	10	
S1 106		0.2	10		S1 146		<0.2	10	
S1 107		<0.2	10		S1 147		<0.2	55	
S1 108		<0.2	<5		S1 148		<0.2	10	
S1 109		<0.2	<5		S1 149		<0.2	5	
S1 110		<0.2	<5		S1 150		<0.2	<5	
S1 111		<0.2	20		S1 151		<0.2	<5	
S1 112		<0.2	<5		S1 152		<0.2	30	
S1 113		<0.2	5		S1 153		<0.2	25	
S1 114		<0.2	<5		S1 154		<0.2	<5	
S1 115		<0.2	<5		S1 155		<0.2	<5	
S1 116		<0.2	5		S1 156		<0.2	25	
S1 117		<0.2	<5		S1 157		<0.2	35	
S1 118		<0.2	25		S1 158		<0.2	<5	
S1 119		<0.2	15		S1 159		<0.2	<5	
S1 120		<0.2	15		S1 160		<0.2	<5	
S1 121		<0.2	300		S1 161		<0.2	<5	

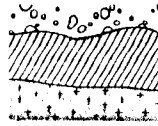


REPORT: 126-2015

PROJECT: PHIL MIL

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	Au/wt G	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	Au/wt G
S1 162		<0.2	<5		S1 202		<0.2	<5	7.00
S1 163		<0.2	<5		S1 203		<0.2	30	
S1 164		<0.2	<5		S1 204		<0.2	75	8.00
S1 165		0.3	200		S1 205		<0.2	<5	
S1 166		<0.2	5		S1 206		<0.2	15	
S1 167		<0.2	20		S1 207		<0.2	20	
S1 168		<0.2	<5		S1 208		<0.2	<5	
S1 169		<0.2	<5		S1 209		<0.2	5	
S1 170		<0.2	<5		S1 210		<0.2	<5	
S1 171		<0.2	30		S1 211		<0.2	60	
S1 172		<0.2	20	7.00	S1 212		<0.2	120	
S1 173		<0.2	20		S1 213		<0.2	<5	
S1 174		<0.2	<5		S1 214		<0.2	<5	
S1 175		<0.2	220		S1 215		<0.2	95	
S1 176		<0.2	1950		S1 216		<0.2	10	
S1 177		<0.2	25		S1 217		<0.2	35	
S1 178		<0.2	10		S1 218		<0.2	35	
S1 179		<0.2	<5		S1 219		<0.2	5	
S1 180		<0.2	<5		S1 220		<0.2	<5	
S1 181		<0.2	<5		S1 221		<0.2	10	
S1 182		<0.2	620		S1 222		<0.2	<5	
S1 183		<0.2	110		S1 223		<0.2	5	
S1 184		<0.2	10	7.00	S1 224		<0.2	<5	
S1 185		<0.2	<5	5.00	S1 225		<0.2	45	
S1 186		<0.2	20		S1 226		<0.2	30	
S1 187		<0.2	30		S1 227		<0.2	40	
S1 188		<0.2	<5		S1 228		<0.2	35	
S1 189		<0.2	5		S1 229		<0.2	15	
S1 190		<0.2	<5		S1 230		<0.2	10	
S1 191		<0.2	10		S1 231		<0.2	25	
S1 192		<0.2	15		S1 232		<0.2	5	
S1 193		<0.2	<5	5.00	S1 233		<0.2	<5	
S1 194		<0.2	5		S1 234		<0.2	<5	
S1 195		<0.2	20		S1 235		<0.2	<5	
S1 196		<0.2	45	5.00	S1 236		<0.2	<5	
S1 197		<0.2	40		S1 237		<0.2	5	
S1 198		<0.2	<5	5.00	S1 238		<0.2	140	
S1 199		<0.2	<5		S1 239		<0.2	<5	
S1 200		<0.2	30	7.00	S1 240		<0.2	<5	
S1 201		<0.2	25		S1 241		<0.2	<5	

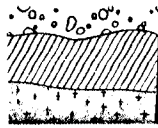


REPORT: 126-2015

PROJECT: PHIL MIL

PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	Au/wt G	SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Au PPB	Au/wt G
S1 242		<0.2	<5		S1 282		<0.2	<5	
S1 243		<0.2	<5		S1 283		<0.2	25	
S1 244		<0.2	<5		S1 284		<0.2	<5	
S1 245		<0.2	5		S1 285		<0.2	<5	
S1 246		<0.2	<5		S1 286		<0.2	<5	
S1 247		<0.2	<5		S1 287		<0.2	<5	
S1 248		<0.2	<5		S1 288		0.3	480	
S1 249		<0.2	<5		S1 289		<0.2	<5	
S1 250		<0.2	<5		S1 290		<0.2	<5	
S1 251		0.2	<5		S1 291		<0.2	<5	
S1 252		0.2	10		S1 292		<0.2	<5	
S1 253		<0.2			S1 293		<0.2	5	
S1 254		<0.2	10						
S1 255		<0.2	45						
S1 256		<0.2	15						
S1 257		<0.2	10						
S1 258		<0.2	<5						
S1 259		<0.2	<5						
S1 260		<0.2	<5						
S1 261		<0.2	20						
S1 262		<0.2							
S1 263		<0.2	5						
S1 264		<0.2	25						
S1 265		<0.2	<5						
S1 266		<0.2	<5						
S1 267		<0.2	<5						
S1 268		<0.2	<5						
S1 269		<0.2	<5						
S1 270		<0.2	5						
S1 271		<0.2	<5						
S1 272		<0.2	<5						
S1 273		<0.2	10						
S1 274		<0.2	40						
S1 275		<0.2	<5						
S1 276		<0.2	<5						
S1 277		<0.2	<5						
S1 278		<0.2	<5						
S1 279		<0.2	<5						
S1 280		<0.2	<5						
S1 281		<0.2	<5						



REPORT: 126-1580 (COMPLETE)

REFERENCE INFO:

CLIENT: CORTEZ EXPLORATION INC.
 PROJECT: NONE GIVEN

SUBMITTED BY: J POLONI
 DATE PRINTED: 16-JUN-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	93	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
2	Zn Zinc	93	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
3	Ag Silver	91	0.2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
4	Au Gold - Fire Assay	91	5 PPB	FIRE-ASSAY	Fire Assay AA
5	Au/wt Gold Weight in Grams	16	0.01 G		
6	Au/wt Gold Weight in Grams	2	0.01 G		

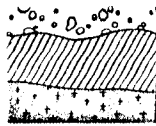
SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	91	1 -80	91	DRY, SEIVE -80	91
R ROCK OR BED ROCK	2	2 -150	2	ASSAY PREP	2

REMARKS: ERRATIC GOLD INDICATED
 REPEAT ANALYSIS FOR SAMPLE
 E-01 WAS 2820 PPB Au

VALUES IN FIRST Au WEIGHT COLUMN ARE -80
 FRACTION. VALUES IN SECOND Au WEIGHT COLUMN
 ARE -20 FRACTION.

REPORT COPIES TO: CORTEZ EXPLORATION INC.
 J.R. POLONI & ASSOC.

INVOICE TO: CORTEZ EXPLORATION INC.

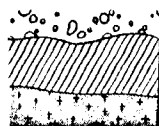


REPORT: 126-1580

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPB	Au/wt G	Au/wt G
S1 E-01		2	23	<0.2	140		
S1 E-02		2	8	<0.2	10	7.00	
S1 E-03		2	9	<0.2	<5		
S1 E-04		<1	7	<0.2	30		
S1 E-05		1	9	<0.2	<5	5.00	
S1 E-06		1	10	0.2	10		
S1 E-07		<1	5	<0.2	<5		
S1 E-08		2	9	<0.2	<5	5.00	
S1 E-09		<1	6	<0.2	20		
S1 E-10		<1	6	<0.2	15		
S1 E-11		1	5	<0.2	<5		
S1 E-12		<1	4	<0.2	<5		
S1 E-13		1	8	<0.2	15		
S1 E-14		1	9	0.2	<5		
S1 E-15		2	7	<0.2	<5		
S1 E-16		1	7	<0.2	<5		
S1 E-17		<1	3	<0.2	15		
S1 E-18		1	6	<0.2	10		
S1 E-19		1	6	<0.2	<5		
S1 E-20		1	10	<0.2	5		
S1 E-21		1	7	<0.2	5		
S1 E-22		2	8	<0.2	10		
S1 E-23		1	7	<0.2	35		
S1 E-24		<1	7	<0.2	10		
S1 E-25		1	6	<0.2	5		
S1 E-26		1	9	<0.2	20		
S1 E-27		2	7	<0.2	5		
S1 E-28		2	10	<0.2	10		
S1 E-29		<1	5	<0.2	130		
S1 E-30		1	6	<0.2	5		
S1 E-31		2	9	<0.2	<5		
S1 E-32		4	6	<0.2	<5		
S1 E-33		4	8	<0.2	<5		
S1 E-34		2	6	<0.2	<5		
S1 E-35		2	10	<0.2	60		
S1 E-36		1	5	<0.2	35		
S1 E-37		4	10	<0.2	160		
S1 E-38		2	12	<0.2	<5		
S1 E-39		2	6	<0.2	<5		
S1 E-40		2	7	<0.2	10		

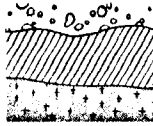


REPORT: 126-1580

PROJECT: NONE GIVEN

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPB	Au/wt G	Au/wt G
SI E-41		5	13	<0.2	<5		
SI E-42		2	6	<0.2	5		
SI E-43		4	6	<0.2	<5		
SI E-44		1	4	<0.2	<5		
SI E-45		1	4	<0.2	45		
SI E-46		1	7	<0.2	<5		
SI E-47		3	11	<0.2	<5	3.00	7.00
SI E-48		1	6	<0.2	<5	6.00	
SI E-49		2	7	<0.2	<5	5.00	
SI E-50		<1	4	<0.2	20	7.00	
SI E-51		<1	7	<0.2	<5	5.00	
SI E-52		<1	4	<0.2	<5		
SI E-53		<1	5	<0.2	20		
SI E-54		<1	4	<0.2	10		
SI E-55		<1	5	<0.2	5		
SI E-56		<1	4	<0.2	5		
SI E-57		1	8	<0.2	5	6.00	
SI E-58		2	14	<0.2	280		
SI E-59		<1	4	<0.2	15		
SI E-60		1	5	<0.2	100		
SI E-61		<1	7	<0.2	5		7.00
SI E-62		<1	4	<0.2	15		
SI E-63		2	9	<0.2	5		
SI E-64		1	9	<0.2	<5	3.00	
SI E-65		1	5	<0.2	<5	5.00	
SI E-66		<1	3	<0.2	15		
SI E-67		2	6	<0.2	<5		
SI E-68		<1	8	<0.2	<5		
SI E-69		1	7	<0.2	<5		
SI E-70		2	10	<0.2	10	5.00	
SI E-71		1	6	<0.2	30	5.00	
SI E-72		<1	5	<0.2	25		
SI E-73		1	6	<0.2	5		
SI E-74		<1	6	<0.2	<5	6.00	
SI E-75		1	7	<0.2	25		
SI E-76		1	5	<0.2	15		
SI E-77		1	5	<0.2	<5		
SI E-78		<1	4	<0.2	<5		
SI E-79		1	8	<0.2	5		
SI E-80		9	23	<0.2	<5		

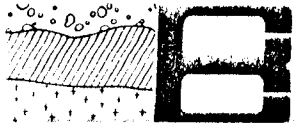


REPORT: 126-1580

PROJECT: NONE GIVEN

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Au PPB	Au/wt G	Au/wt G
S1 E-81		28	62	<0.2	15		
S1 E-82		17	56	<0.2	5		
S1 E-83		21	33	<0.2	<5	5.00	
S1 E-84		12	30	<0.2	<5		
S1 E-85		19	50	<0.2	<5		
S1 E-86		28	54	<0.2	20		
S1 E-87		17	31	<0.2	15		
S1 E-88		16	31	<0.2	20		
S1 E-89		30	180	<0.2	<5	5.00	
S1 E-90		26	31	<0.2	<5		
S1 E-91		36	72	<0.2	<5		
R2 Bx #1		33	61				J.P.
R2 Bx #2		17470	19690				J.P.

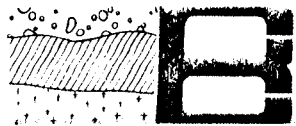


REPORT: 426-1580

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
R2 Ex #1		<0.002	<0.03
R2 Ex #2		0.003	0.40



REPORT: 426-1580 (COMPLETE)

REFERENCE INFO:

CLIENT: CORTEZ EXPLORATION INC.

SUBMITTED BY: UNKNOWN

PROJECT: NONE GIVEN

DATE PRINTED: 6-JUN-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - FIRE ASSAY	2	0.001 OPT		
2	Ag Silver	2	0.01 OPT		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	2	2 -150	2	ASSAY PREP	2

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 J.R. POLONI & ASSOC.

INVOICE TO: CORTEZ EXPLORATION INC.

Bondar-Clegg & Company Ltd.

130 Pemberton Ave
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667



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**Certificate
of Analysis**

REPORT: 626-1695 (COMPLETE)

REFERENCE INFO: SHIPMENT #1

CLIENT: MR. JOHN POLONI
PROJECT: ECLIPSE

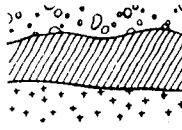
SUBMITTED BY: J. LAIRD
DATE PRINTED: 26-JUN-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - FIKE ASSAY	9	0.001 OPT		
2	wt/Ac Sample Weight	9	0.01 gm		
3	Cu Copper	2	0.01 PCT		
4	Zn Zinc	2	0.01 PCT		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR SED ROCK	2	2 -150	11	AS RECEIVED, NO SP	11
C CONCENTRATE (PAN/HM)	9				

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MR. JAMES LAIRD

INVOICE TO: MR. JOHN POLONI



REPORT: 625-1695

PROJECT: ECLIPSE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	wt/Au gm	Cu PCT	Zn PCT
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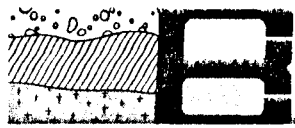
82 JL-86 BR-1				2.64	2.85
82 JL-86 BR-2				3.94	2.90

02 PS-86-S-10		0.015	10.00		
02 PS-86-S-14		0.017	5.00		
02 PS-86-S-15		0.636	11.00		

02 PS-86-S-17		0.146	3.00		
02 PS-86-S-18		0.221	4.10		
02 PS-86-S-21		0.370	11.00		
02 PS-86-S-23		0.152	10.00		
02 PS-86-S-24		0.059	3.95		

02 PS-86-S-25		0.029	8.00		
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 Phone: (604) 985-0681
 Telex: 04-352667



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Geochemical
 Lab Report

REPORT: 126-1695 (PARTIAL)

REFERENCE INFO: SHIPMENT #1

CLIENT: MR. JOHN POLONI
 PROJECT: ECLIPSE

SUBMITTED BY: J LAIRD
 DATE PRINTED: 20-JUN-86

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	25	5 PPB	FIRE-ASSAY	Fire Assay AA
2	Au/wt	Gold Weight in Grams	5	0.01 G		
3	Au 30g	Gold 30 grams	36	5 PPB	FIRE-ASSAY	Fire Assay AA

RESULTS TO FOLLOW FOR: Ag As Bi Cd Co Cr Cu Fe Mn Mo Ni Pb Sb Se Sn Te U V W Zn

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	36	2 -150	61	CRUSH, PULVERIZE -150	36
C CONCENTRATE (PAN/HM)	25			PULVERIZING	25

REMARKS: ASSAY OF HIGH Au TO FOLLOW ON 626-1695

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 MR. JAMES LAIRD

INVOICE TO: MR. JOHN POLONI

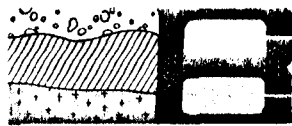


REPORT: 126-1695

PROJECT: ECLIPSE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au/wt G	Au 30g PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au/wt G	Au 30g PPB
R2 JL-86 AC-1				<5 ✓	C2 PS-86-S-5		<5 ✓		
R2 JL-86 AC-2				<5 ✓	C2 PS-86-S-6		<5 ✓		
R2 JL-86 BR-1				20 ✓	C2 PS-86-S-7		<5 ✓	8.00	
R2 JL-86 BR-2				30 ✓	C2 PS-86-S-8		<5 ✓		
R2 JL-86 BR-3				25 ✓	C2 PS-86-S-9		<5 ✓		
R2 JL-86 BR-4				<5 ✓	C2 PS-86-S-10		10 ✓		
R2 JL-86 BR-5				<5 ✓	C2 PS-86-S-11		<5 ✓		
R2 JL-86 DLB-1				20 ✓	C2 PS-86-S-12		960 ✓		
R2 JL-86 DLB-2				220 ✓	C2 PS-86-S-13		3900 ✓		
R2 JL-86 DLB-3				95 ✓	C2 PS-86-S-14		2200 ✓	5.00	
R2 JL-86 DLB-4				20 ✓	C2 PS-86-S-15		>10000 ✓		
R2 JL-86 DLB-5				<5 ✓	C2 PS-86-S-16		65 ✓		
R2 JL-86 DLB-6				<5 ✓	C2 PS-86-S-17		2000 ✓		
R2 JL-86 DLN-1				<5 ✓	C2 PS-86-S-18		9500 ✓	6.00	
R2 JL-86 DLN-2				<5 ✓	C2 PS-86-S-19		940 ✓	9.00	
R2 JL-86 DLN-3				<5 ✓	C2 PS-86-S-20		220 ✓		
R2 JL-86 DLN-4				<5 ✓	C2 PS-86-S-21		>10000 ✓		
R2 JL-86 DLN-5				140 ✓	C2 PS-86-S-22		40 ✓		
R2 JL-86 EE-1				10 ✓	C2 PS-86-S-23		2800 ✓		
R2 JL-86 EE-2				<5 ✓	C2 PS-86-S-24		1300 ✓		
R2 JL-86 EE-3				<5 ✓	C2 PS-86-S-25		1900 ✓		
R2 JL-86 EE-4				<5 ✓					
R2 JL-86 LR-1				75 ✓					
R2 JL-86 LR-2				50 ✓					
R2 JL-86 LR-3				5 ✓					
R2 JL-86 LR-4				620 ✓					
R2 JL-86 LR-5				<5 ✓					
R2 JL-86 PGR-1				40 ✓					
R2 JL-86 PGR-2				200 ✓					
R2 JL-86 UR-1				<5 ✓					
R2 JL-86 UR-2				<5 ✓					
R2 JL-86 UR-3				<5 ✓					
R2 JL-86 UR-4				<5 ✓					
R2 JL-86 UR-5				<5 ✓					
R2 JL-86 UR-6				15 ✓					
R2 JL-86 UR-7				<5 ✓					
C2 PS-86-S-1		60		✓					
C2 PS-86-S-2		15		✓					
C2 PS-86-S-3		<5		✓					
C2 PS-86-S-4		180	7.00	✓					



REPORT: 126-1695 (COMPLETE)

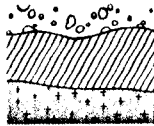
REFERENCE INFO: SHIPMENT #1

CLIENT: MR. JOHN POLONI
 PROJECT: ECLIPSE

SUBMITTED BY: J LAIRD
 DATE PRINTED: 23-JUN-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu Copper	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
2	Pb Lead	18	5 PPM	MULT ACID TOT DIG	D.C. Plasma
3	Zn Zinc	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
4	Mo Molybdenum	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
5	Ag Silver	18	0.5 PPM	MULT ACID TOT DIG	D.C. Plasma
6	Cd Cadmium	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
7	Ni Nickel	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
8	Co Cobalt	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
9	Mn Manganese	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
10	Fe Iron	18	0.05 PCT	MULT ACID TOT DIG	D.C. Plasma
11	Cr Chromium	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
12	U Uranium	18	10 PPM	MULT ACID TOT DIG	D.C. Plasma
13	W Tungsten	18	10 PPM	MULT ACID TOT DIG	D.C. Plasma
14	As Arsenic	18	5 PPM	MULT ACID TOT DIG	D.C. Plasma
15	Te Tellurium	18	10 PPM	MULT ACID TOT DIG	D.C. Plasma
16	Bi Bismuth	18	2 PPM	MULT ACID TOT DIG	D.C. Plasma
17	Se Selenium	18	5 PPM	MULT ACID TOT DIG	D.C. Plasma
18	V Vanadium	18	1 PPM	MULT ACID TOT DIG	D.C. Plasma
19	Sn Tin	18	10 PPM	MULT ACID TOT DIG	D.C. Plasma
20	Sb Antimony	18	5 PPM	MULT ACID TOT DIG	D.C. Plasma
21	Au Gold - Fire Assay	25	5 PPB	FIRE-ASSAY	Fire Assay AA
22	Au/wt Gold Weight in Grams	5	0.01 G		
23	Au 30g Gold 30 grams	36	5 PPB	FIRE-ASSAY	Fire Assay AA

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Canada V7P 2K5
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**Geochemical
Lab Report**

REPORT: 126-1695 (COMPLETE)

REFERENCE INFO: SHIPMENT #1

CLIENT: MR. JOHN POLONI
PROJECT: ECLIPSE

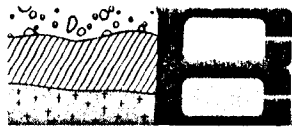
SUBMITTED BY: J LAIRD
DATE PRINTED: 23-JUN-86

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	36	2 -150	61	CRUSH,PULVERIZE -150	36
C CONCENTRATE (PAN/HM)	25			PULVERIZING	25

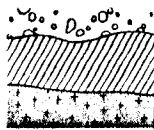
REMARKS: ASSAY OF HIGH Cu, Zn & Au TO FOLLOW ON 626-1695

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MR. JAMES LAIRD

INVOICE TO: MR. JOHN POLONI



REPORT: 126-1695		PROJECT: ECLIPSE										PAGE 1B	
SAMPLE NUMBER	ELEMENT UNITS	W PPM	As PPM	Te PPM	Bi PPM	Se PPM	V PPM	Sn PPM	Sb PPM	Au PPB	Au/wt G	Au 30g PPB	
R2 JL-86 AC-1												<5	
R2 JL-86 AC-2												<5	
R2 JL-86 BR-1		60	28	<10	<2	<5	161	12	9			20	
R2 JL-86 BR-2		51	25	20	20	31	19	<10	14			30	
R2 JL-86 BR-3		19	466	<10	30	8	179	<10	8			25	
R2 JL-86 BR-4		55	23	<10	2	<5	386	<10	6			<5	
R2 JL-86 BR-5		67	7	<10	<2	<5	63	12	<5			<5	
R2 JL-86 DLB-1												20	
R2 JL-86 DLB-2												220	
R2 JL-86 DLB-3												95	
R2 JL-86 DLB-4												20	
R2 JL-86 DLB-5												<5	
R2 JL-86 DLB-6												<5	
R2 JL-86 DLN-1												<5	
R2 JL-86 DLN-2												<5	
R2 JL-86 DLN-3												<5	
R2 JL-86 DLN-4												<5	
R2 JL-86 DLN-5												140	
R2 JL-86 EE-1		16	87	<10	4	<5	160	<10	<5			10	
R2 JL-86 EE-2		23	39	<10	2	25	182	<10	<5			<5	
R2 JL-86 EE-3		28	32	<10	<2	<5	172	<10	6			<5	
R2 JL-86 EE-4		<10	30	18	10	<5	166	17	6			<5	
R2 JL-86 LR-1		88	<5	<10	40	31	3	<10	<5			75	
R2 JL-86 LR-2		45	6	<10	<2	16	16	<10	<5			50	
R2 JL-86 LR-3												5	
R2 JL-86 LR-4												620	
R2 JL-86 LR-5												<5	
R2 JL-86 PGR-1		16	30	21	<2	<5	40	<10	<5			40	
R2 JL-86 PGR-2		63	<5	13	4	<5	25	<10	<5			200	
R2 JL-86 UR-1												<5	
R2 JL-86 UR-2												<5	
R2 JL-86 UR-3		14	36	34	8	7	113	<10	<5			<5	
R2 JL-86 UR-4		24	15	<10	5	27	235	<10	<5			<5	
R2 JL-86 UR-5												<5	
R2 JL-86 UR-6		<10	25	<10	<2	8	190	<10	<5			15	
R2 JL-86 UR-7												<5	
C2 PS-86-S-1										60			
C2 PS-86-S-2										15			
C2 PS-86-S-3										<5			
C2 PS-86-S-4										180	7.00		



REPORT: 126-1695

PROJECT: ECLIPSE

PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ag PPM	Cd PPM	Ni PPM	Co PPM	Mn PPM	Fe PCT	Cr PPM	U PPM
---------------	---------------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	-------

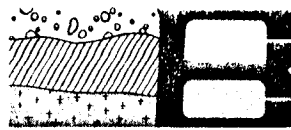
C2 PS-86-S-5
 C2 PS-86-S-6
 C2 PS-86-S-7
 C2 PS-86-S-8
 C2 PS-86-S-9

C2 PS-86-S-10
 C2 PS-86-S-11
 C2 PS-86-S-12
 C2 PS-86-S-13
 C2 PS-86-S-14

C2 PS-86-S-15		10	20	20	14	1.0	2	6	5	690	3.10	185	<10
C2 PS-86-S-16													
C2 PS-86-S-17													
C2 PS-86-S-18													
C2 PS-86-S-19													

C2 PS-86-S-20													
C2 PS-86-S-21		5	10	30	8	<0.5	<1	5	2	840	2.90	175	<10
C2 PS-86-S-22													
C2 PS-86-S-23													
C2 PS-86-S-24													

C2 PS-86-S-25



REPORT: 126-1695

PROJECT: ECLIPSE

PAGE 2B

SAMPLE NUMBER	ELEMENT UNITS	W PPM	As PPM	Te PPM	Bi PPM	Se PPM	V PPM	Sn PPM	Sb PPM	Au PPM	Au/wt G	Au 30g PFB
C2 PS-86-S-5										<5		
C2 PS-86-S-6										<5		
C2 PS-86-S-7										<5	8.00	
C2 PS-86-S-8										<5		
C2 PS-86-S-9										<5		
C2 PS-86-S-10										10		
C2 PS-86-S-11										<5		
C2 PS-86-S-12										960		
C2 PS-86-S-13										3900		
C2 PS-86-S-14										2200	5.00	
C2 PS-86-S-15		30	17	<10	2	5	95	<10	6	>10000		
C2 PS-86-S-16										65		
C2 PS-86-S-17										2000		
C2 PS-86-S-18										9500	6.00	
C2 PS-86-S-19										940	9.00	
C2 PS-86-S-20										220		
C2 PS-86-S-21		<10	28	<10	<2	<5	100	<10	5	>10000		
C2 PS-86-S-22										40		
C2 PS-86-S-23										2800		
C2 PS-86-S-24										1500		
C2 PS-86-S-25										1900		



REPORT: 426-1696

PROJECT: ECLIPSE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
C2 PS-86-5-26	44.114	?

DIAMOND DRILL RECORD

COLLAR
 NORTH
 EAST
 ELEVATION
 AZIMUTH
 DIPS

COMPANY CORTEZ EXPLORATIONS INC.
 PROPERTY MURPHY
 LOCATION

HOLE 86-1
 STARTED
 FINISHED
 DEPTH
 PURPOSE
 LOGGED BY JRP

% Core Recovery	From	To	Description	Samples				Assays			Averages			
				Sample No.	From	To	Width	Au	Ag	Cu				
	40.34	53.23	Quartz Diorite											
			Medium grained as above, barren of sulfides											
			@ 41.77 - 41.90 epidote rich section @ 70°											
			@ 42.50 - 42.90 pinkish cast feldspar rich											
			@ 45.30 - 45.38 epidote rich section @ 45°											
			@ 47.60 - 47.90 pink cast as above uniform texture											
			@ 51.20 - 51.50 bleached section for 2.0 cm with											
			epidote @ 51.35 @ 30° @ 51.94 epidote rich section											
			for 4.0 cm @ 52.90 - 53.23 pinkish cast											
	53.23	56.80	Felsic Dike											
			Silicified, broken core containing speckled to patchy	#3	53.23	53.89	0.66	0.002	<0.02					
			sulfides											
			@ 54.20 - 54.30 Fe Oxide and Pyrite in thin film @ 20°	#4	53.89	55.33	1.44	0.004	0.02					
			with 2.0 mm quartz	#5	55.33	56.80	1.47	0.002	<0.02					

DIAMOND DRILL RECORD

COLLAR
 NORTH
 EAST
 ELEVATION
 AZIMUTH
 DIPS

COMPANYCORTEZ EXPLORATIONS INC.....
 PROPERTY
 LOCATION

HOLE86-1.....
 STARTED
 FINISHED
 DEPTH
 PURPOSE
 LOGGED BYJRP.....

% Core Recovery	From	To	Description	Samples				Assays			Averages			
				Sample No.	From	To	Width	Au	Ag	Cu				
			@ 54.72 fracture @ 20° with pyrite @ 55.05 patchy Fe oxide, pyrite for 2.0 cm @ 55.55 patchy Fe oxide and pyrite for 1.0 cm											
	56.80	77.60	Intrusive Quartz Diorite											
			Medium textured, speckled pink porphyry type, with epidote splash, blending occasionally with quartz diorite phase @ 66.87 - 67.11 Mafic Dike, both CS sharp and slip @ 65° @ 67.38 - 67.44 Mafic Dike CS @ 65° @ 67.83 - 67.87 Mafic Dike, both CS slip @ 60° @ 68.96 - 69.64 pinkish cast medium textured @ 74.06											
			thin felsic dike in broken core @ 75.20 - 75.55 Fe oxide stained fractures @ 75.55 - 75.60 felsic dike, both CS slip, broken core @ 75.60 - 77.60 Fe oxide stained fractures in quartz diorite	#6	75.20	75.39	0.19	<0.002	<0.02					
				#7	75.55	75.60	0.05	0.057	0.02					
				#8	75.60	77.60	2.00	0.012	<0.02					

DIAMOND DRILL RECORD

COLLAR
 NORTH
 EAST
 ELEVATION
 AZIMUTH
 DIPS

COMPANY CORTEZ EXPLORATIONS INC.
 PROPERTY
 LOCATION

HOLE 86-4
 STARTED
 FINISHED
 DEPTH
 PURPOSE
 LOGGED BY

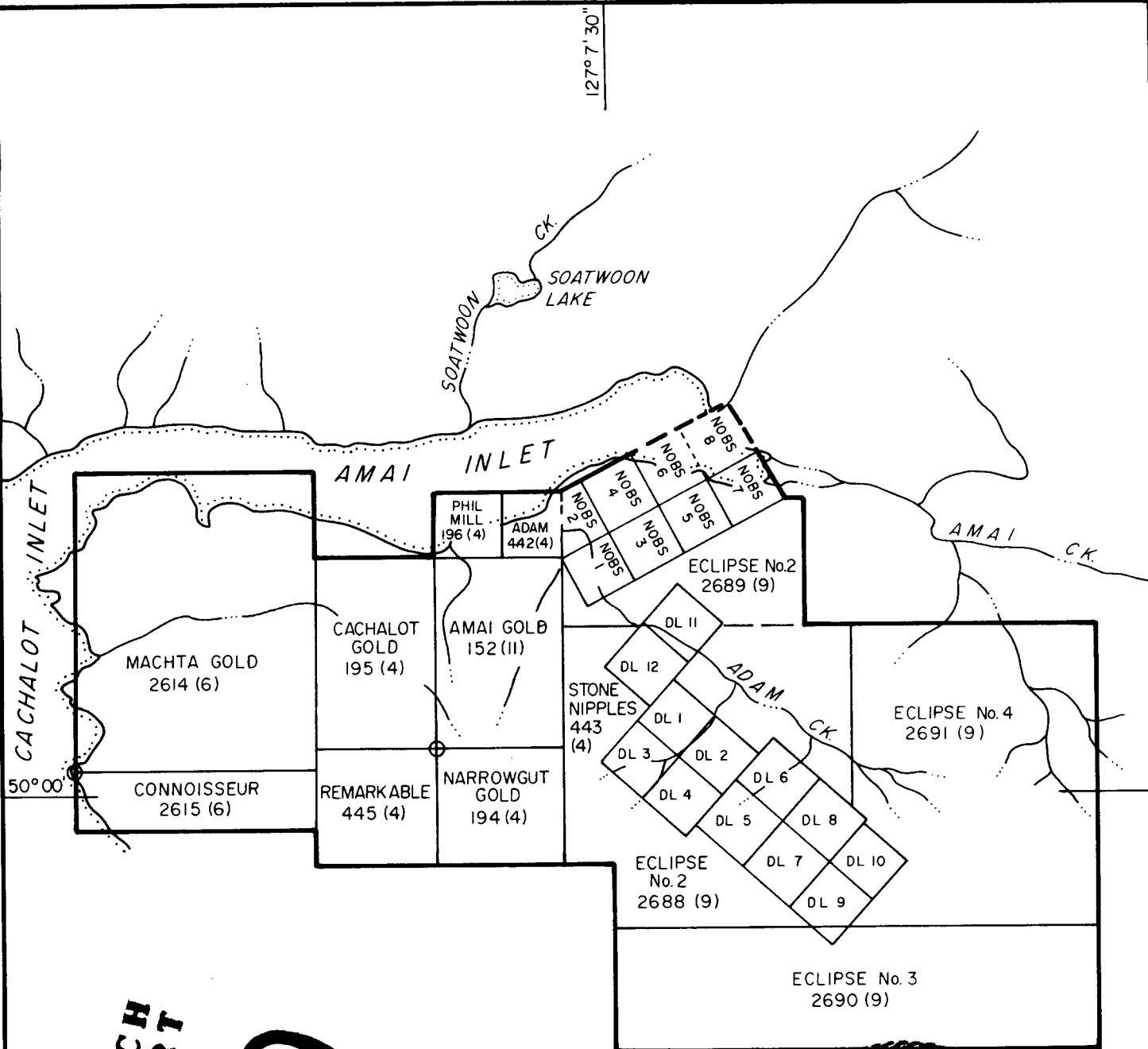
% Core Recovery	From	To	Description	Samples				Assays			Averages				
				Sample No.	From	To	Width	Au Oz/T	Ag Oz/T	Cu					
	49.28	52.08	Felsic Dike	#21	49.28	52.08	2.8	0.003	<0.02						
			Pale green to grey fine grained silicious NCS @ 38°												
			FCS @ 50° @ FCS minor Fe and ochre stain with py												
	52.08	66.07	Quartz Diorite												
			Medium textured pale green, as above @ 52.73 - 52.84												
			vuggy section brown micas on fractures @ ±45°												
			@ 55.60 - 56.68 pinkish cast @ 58.03 - 62.88 pinkish												
			cast												
	66.07	66.50	Mafic Dike	#22	66.07	66.50	0.43	0.002	<0.02						
			@ NCS broken core, FCS @ 30°												
	66.50	76.16	Quartz Diorite												
			As above NCS @ 30° sharp @ 67.08 - 68.29 bleached												
			zone with epidote rich section, minor Fe stain												
	76.16	84.03	Felsic Dike												
			Altered, silicious, epidote rich with bleached zones.	#23	76.16	78.56	2.40	0.009	<0.02						

Appendix E

Plans

		<u>Scale</u>
Plan No. 1	Property Location Map	As Shown
2	Claim Map	1:50,000
3	Geology Tramline Grid	1:2,000
4	Geochemical Survey Tramline Grid	1:2,000
5	Geology - Drill Hole Location Main Adit Area	1:500
6	Drill Hole Section 86-1	1:500
7	Drill Hole Section 86-2, 86-3	1:500
8	Drill Hole Section 86-4	1:500
9	Drill Hole Section 86-5, 86-6	1:500
10	Longitudinal Section Adit Area A-A'	1:500
11	Eclipse Area - Regional Sample Locations, Adams Creek, Eclipse & DL Area	1:15,840
12	Soil Geochemical Plan Eclipse Area (Northcote)	1:500
13	Rock Sample Location Plan Eclipse Area (Laird)	1:5,000
14	Pan Concentrates Sample Location Plan - Eclipse Area (Laird)	1:5,000

127° 7' 30"

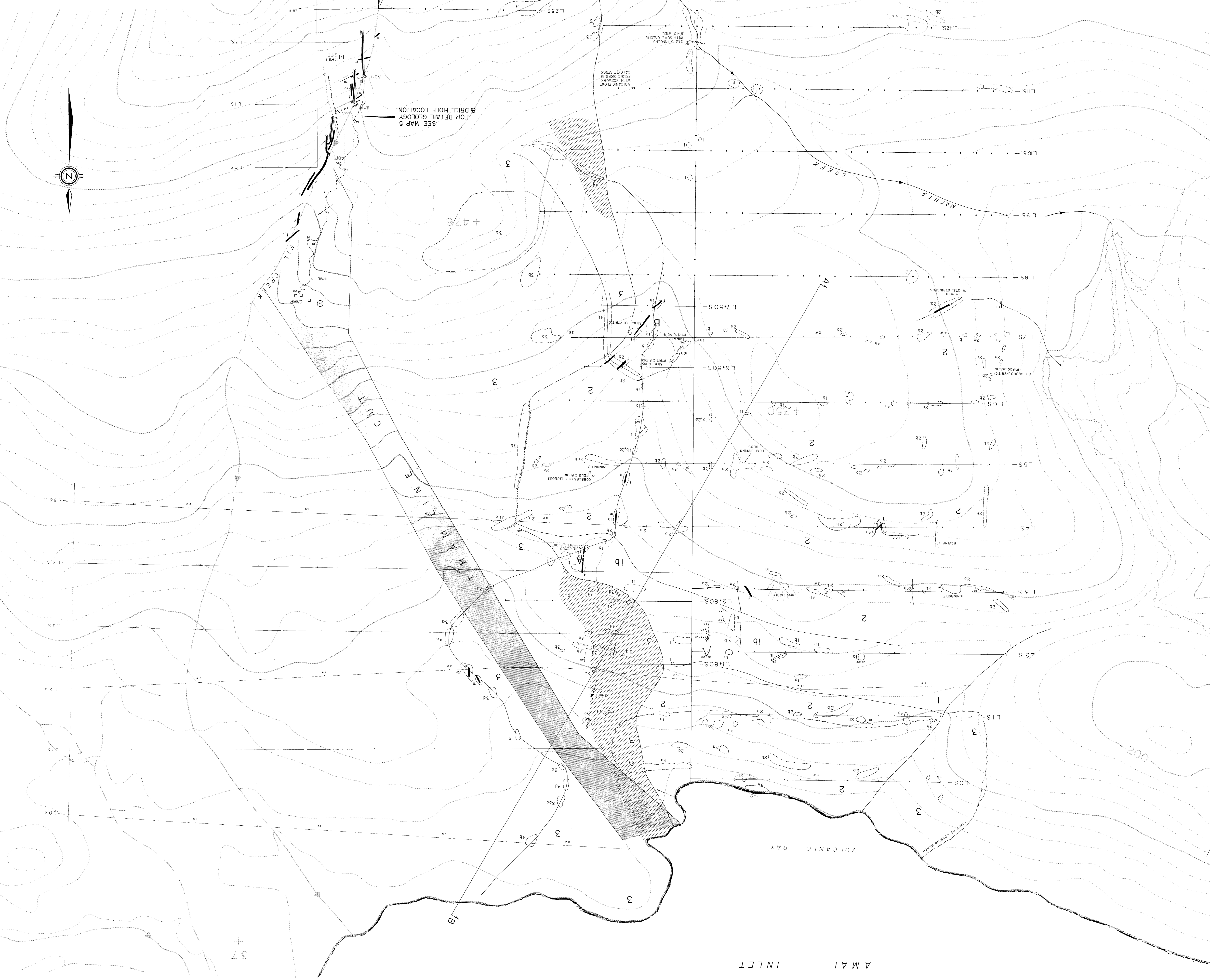
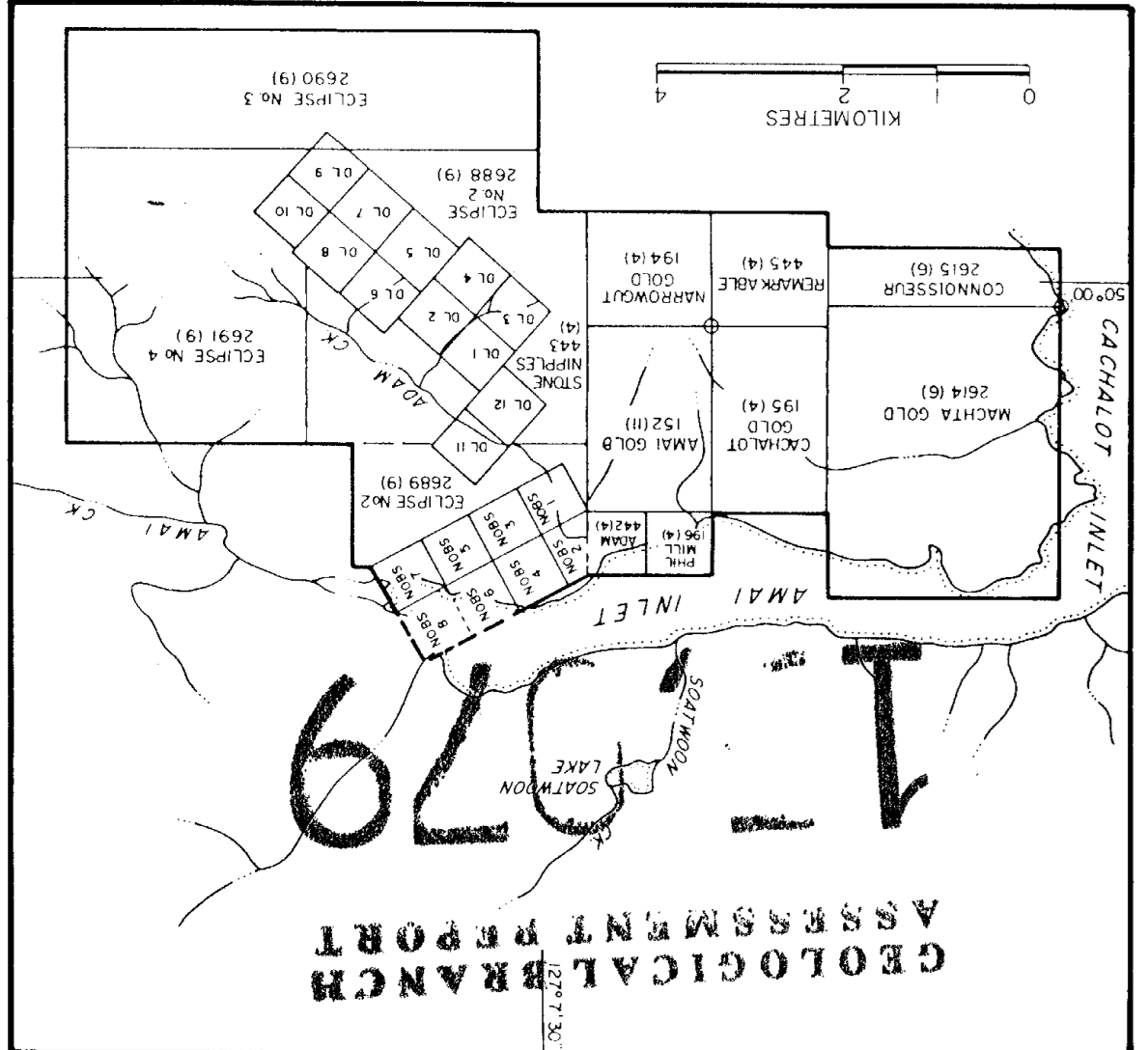


GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,079



CORTEZ EXPLORATIONS INC.		
AMAI INLET PROJECT CLAIM MAP ALBERNI MINING DIVISION BRITISH COLUMBIA		
JOHN R. POLONI & ASSOCIATES LTD.		
Drawn: J. R. P.	Checked: J. R. P.	Plan No.
Scale: 1: 50,000	Date: July 25, 1986	2



AFTER L. RICCO, J.P. FRANZEN, 1995
 SCALE: 1:2000
 DATE: JULY 25, 1986
 CHECKED: J.R.P.
 DRAWN: J.R.P.

JURASSIC
 3d - MIXED GRANITES & VOLCANICS
 3c - GRANITOIDES, 3a - QUARTZ DIORITE & QUARTZ DIORITE, 3c - DIORITE
 LOWER JURASSIC
 2b - FELSIC PROCLASTICS, 2a - TUFF, 2b - LAPILLI TUFF TO THICK BEDDIA
 2c - UNDIFFERENTIATED THE GRADED VOLCANIC
 2d - FELSIC, M-MAFIC
 1 - DIORITE
 REVISIONS
 1985 SOL. GEOCHEM. GRD
 1979-1980 SOL. GEOCHEM. GRD
 1986 SOL. GEOCHEM. GRD

LEGEND
 L. 505-
 L. 455-
 L. 405-
 L. 355-
 L. 305-
 L. 255-
 L. 155-
 L. 105-
 L. 5-
 L. 1155-
 L. 1105-
 L. 1055-
 L. 1005-
 L. 955-
 L. 905-
 L. 855-
 L. 805-
 L. 755-
 L. 705-
 L. 655-
 L. 605-
 L. 555-
 L. 505-
 L. 455-
 L. 405-
 L. 355-
 L. 305-
 L. 255-
 L. 205-
 L. 155-
 L. 105-
 L. 5-

SEE MAP 5
 FOR DETAIL GEOLOGY
 & DRILL HOLE LOCATION

37

3

2

1

2a

2b

2c

2d

3

3a

3b

3c

3d

3e

3f

3g

3h

3i

3j

3k

3l

3m

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3q

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3s

3t

3u

3v

3w

3x

3y

3z

3aa

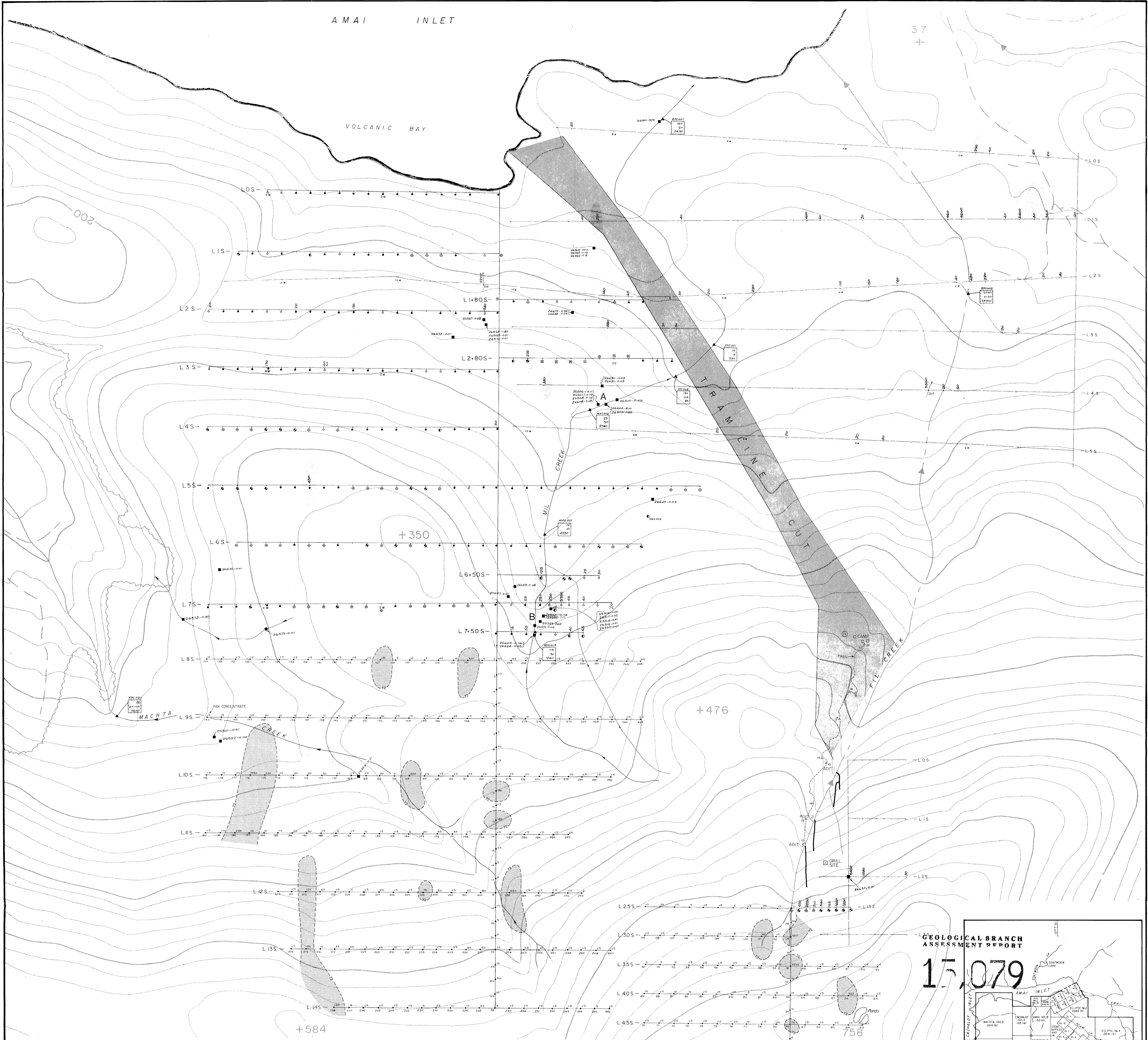
3ab

3ac

3ad

3ae

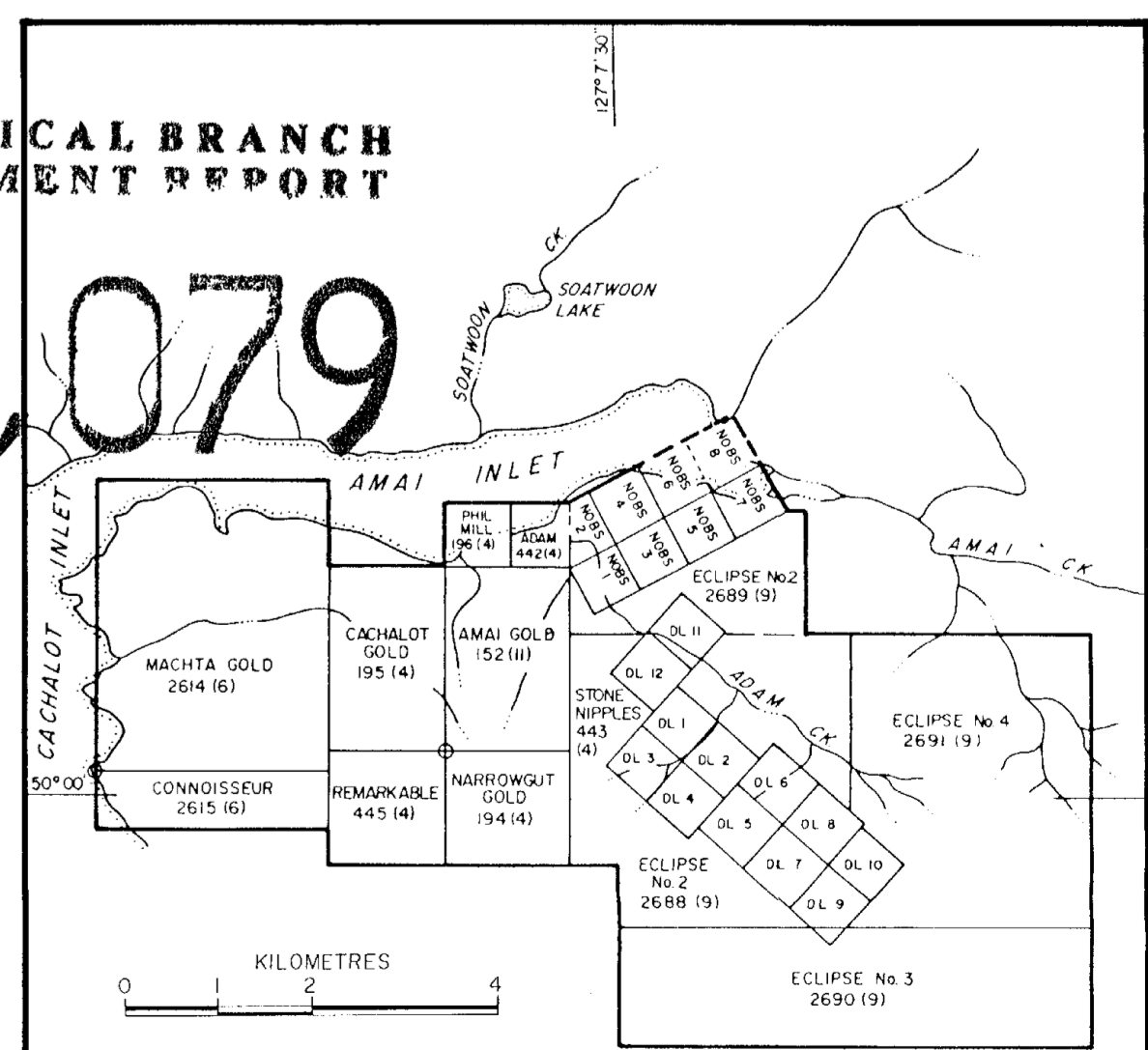
3af



LEGEND

- A - HORIZON
 - ☒ MOSTLY BROWN/RED BROWN HUMUS (50% ORGANIC MATERIAL)
 - ⊗ GREY CLAY MATERIAL FROM BELOW HUMUS
 - B - HORIZON
 - BROWN/RED BROWN CLAY, SILT or SANDY SOIL
 - ⦿ BROWN SOILS WITH 50% ROCK FRAGMENTS
 - ⦿ A/C or B TRANSITION ZONE (OPEN CLAY & GRAVEL WITH BROWN SOIL HORIZONS)
 - C - HORIZON
 - 50% ROCK FRAGMENTS WITH INTERSTITIAL SOILS AND DECOMPOSED ROCK MATERIAL.
- ALL RESULTS IN Au g/g (RESULTS NOT REPORTED ARE < 10 g/g)
- ▲ PAN CONCENTRATE SAMPLE SITES
 - ☐ PAN CONCENTRATE ANALYTICAL RESULTS (Au g/g)
 - ⦿ SOIL ANOMALY
 - ☐ PAN CONCENTRATE ANOMALY
 - ▲ 2500g Au/g ROCK SAMPLE SITE, SAMPLE NUMBER - Au g/g
 - ☐ PAN CONCENTRATE ANALYTICAL RESULTS (Au g/g)
 - ⦿ SOIL ANOMALY
 - ☐ PAN CONCENTRATE ANOMALY
 - Au in g/g (Mean 35.79, Anomalous 7158)
 - 1986 GEOCHEMICAL GRIDS (Sample Number)
 - 1985 SOIL GEOCHEMICAL GRIDS
 - 1979-1980 SOIL GEOCHEMICAL GRIDS

15,079



CORTEZ EXPLORATIONS INC.

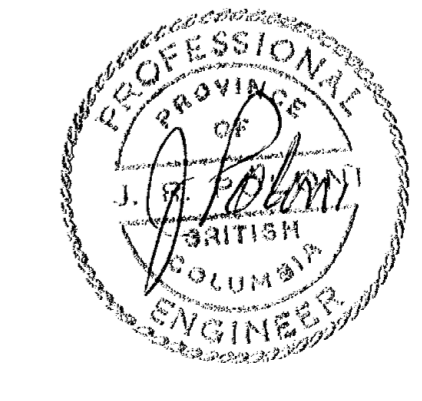
AMAI INLET PROJECT

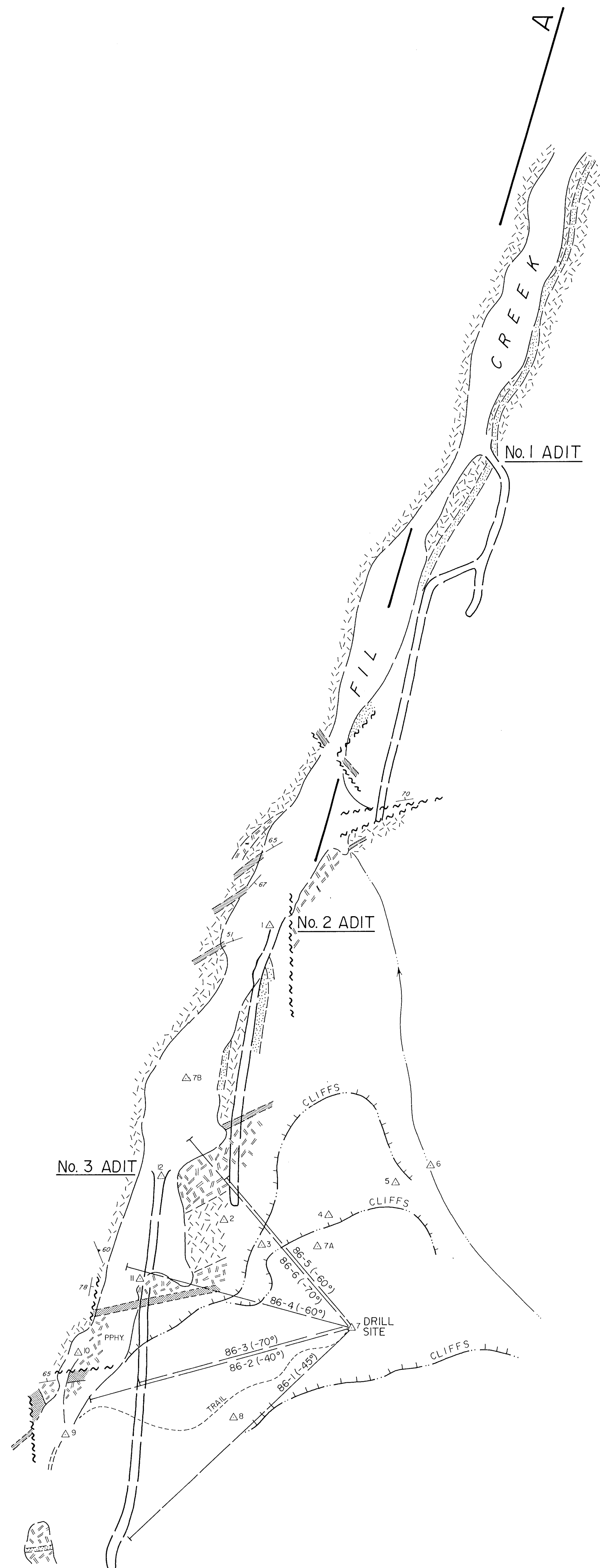
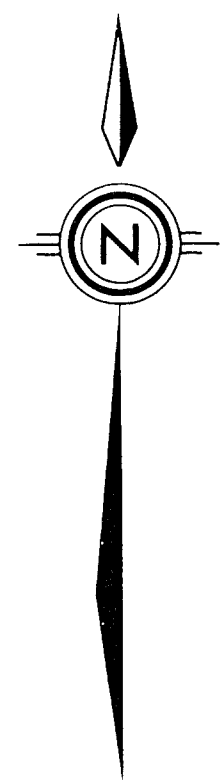
GEOCHEMICAL SURVEY

ALBERNI MINING DIVISION, B.C.

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN: J.R.P.	CHECKED: J.R.P.	PLAN No: 4
SCALE: 1:2000	DATE: JULY 25, 1986	





SECTION A' 016°

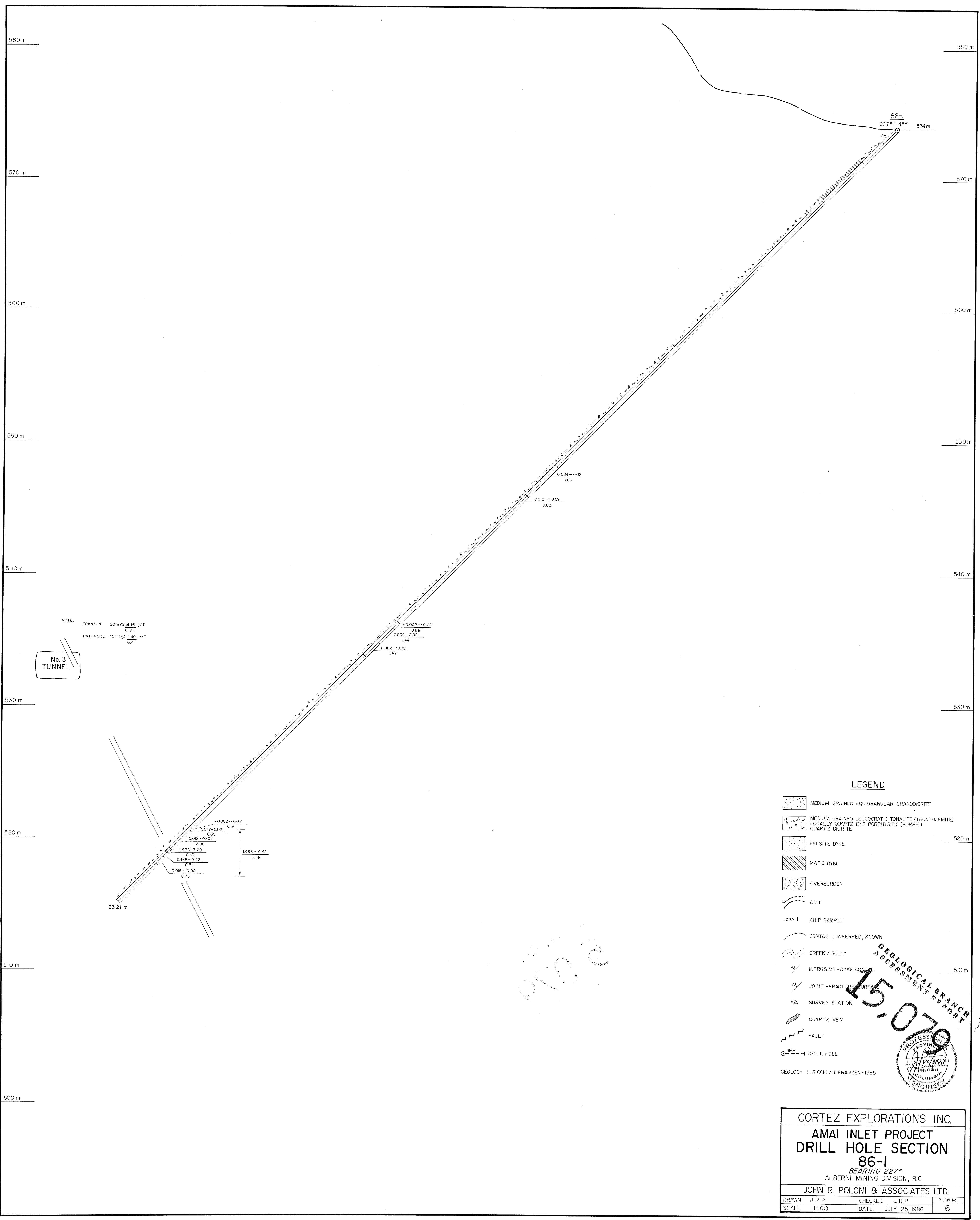
LEGEND

- MEDIUM GRAINED EQUIGRANULAR GRANODIORITE
- MEDIUM GRAINED LEUCOCRATIC TONALITE (TRONDHEJEMITE)
LOCALLY QUARTZ-EYE PORPHYRITIC (PORPH.)
QUARTZ DIORITE
- FELSITE DYKE
- MAFIC DYKE
- OVERBURDEN
- ADIT
- J0 32 | CHIP SAMPLE
- CONTACT; INFERRED, KNOWN
- CREEK / GULLY
- INTRUSIVE - DYKE CONTACT
- JOINT - FRACTURE SURFACE
- SURVEY STATION
- QUARTZ VEIN
- FAULT
- DRILL HOLE

GEOLOGY L. RICCIO / J. FRANZEN - 1985

15,079
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 PROFESSIONAL
 PROVINCE OF
 BRITISH
 COLUMBIA
 ENGINEER

CORTEZ EXPLORATIONS INC.		
AMAI INLET PROJECT		
GEOLOGY-DRILL HOLE		
LOCATION		
MAIN ADIT AREA		
ALBERNI MINING DIVISION, B.C.		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN. J. R. P.	CHECKED J. R. P.	PLAN No.
SCALE. 1: 500	DATE. JULY 25, 1986	5



NOTE
 FRANZEN 20m @ 51.16 g/T
 0.13m
 PATHMORE 40 FT @ 1.30 oz/T
 6.4"

No. 3
 TUNNEL

LEGEND

- MEDIUM GRAINED EQUIGRANULAR GRANODIORITE
- MEDIUM GRAINED LEUCOCRATIC TONALITE (TRONDHJEMITE)
LOCALLY QUARTZ-EYE PORPHYRITIC (PORPH.)
QUARTZ DIORITE
- FELSITE DYKE
- MAFIC DYKE
- OVERBURDEN
- ADIT
- CHIP SAMPLE
- CONTACT; INFERRED, KNOWN
- CREEK / GULLY
- INTRUSIVE - DYKE CONTACT
- JOINT - FRACTURE SURFACE
- SURVEY STATION
- QUARTZ VEIN
- FAULT
- DRILL HOLE

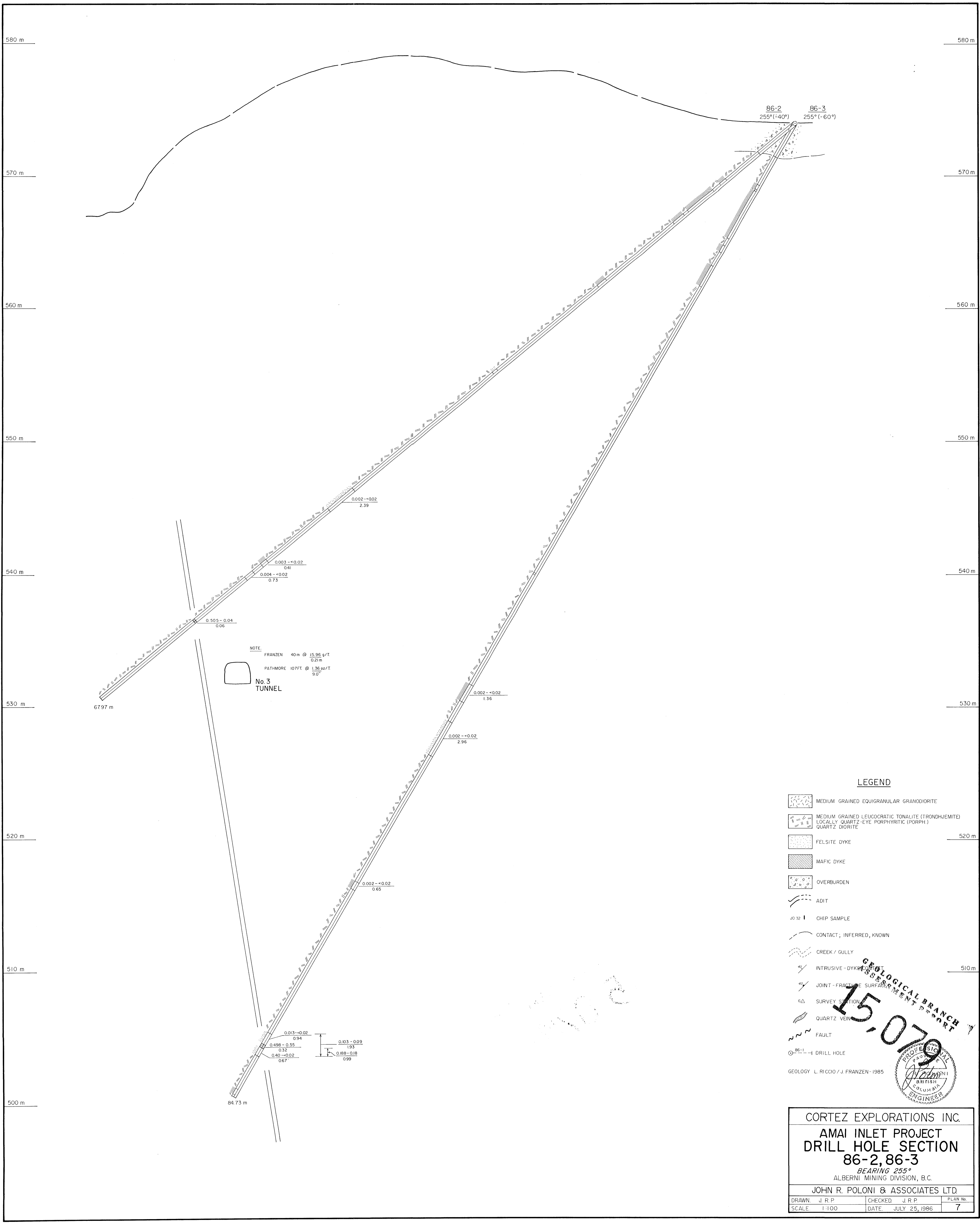
GEOLOGY L. RICCIO / J. FRANZEN - 1985

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 15,070
 PROFESSIONAL ENGINEER
 JOHN R. POLONI
 BRITISH COLUMBIA

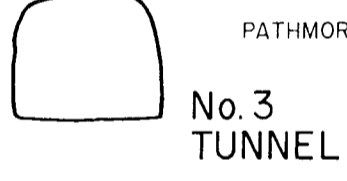
CORTEZ EXPLORATIONS INC.
 AMAI INLET PROJECT
 DRILL HOLE SECTION
 86-1
 BEARING 227°
 ALBERNI MINING DIVISION, B.C.

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN	J. R. P.	CHECKED	J. R. P.	PLAN No.
SCALE	1:100	DATE	JULY 25, 1986	6



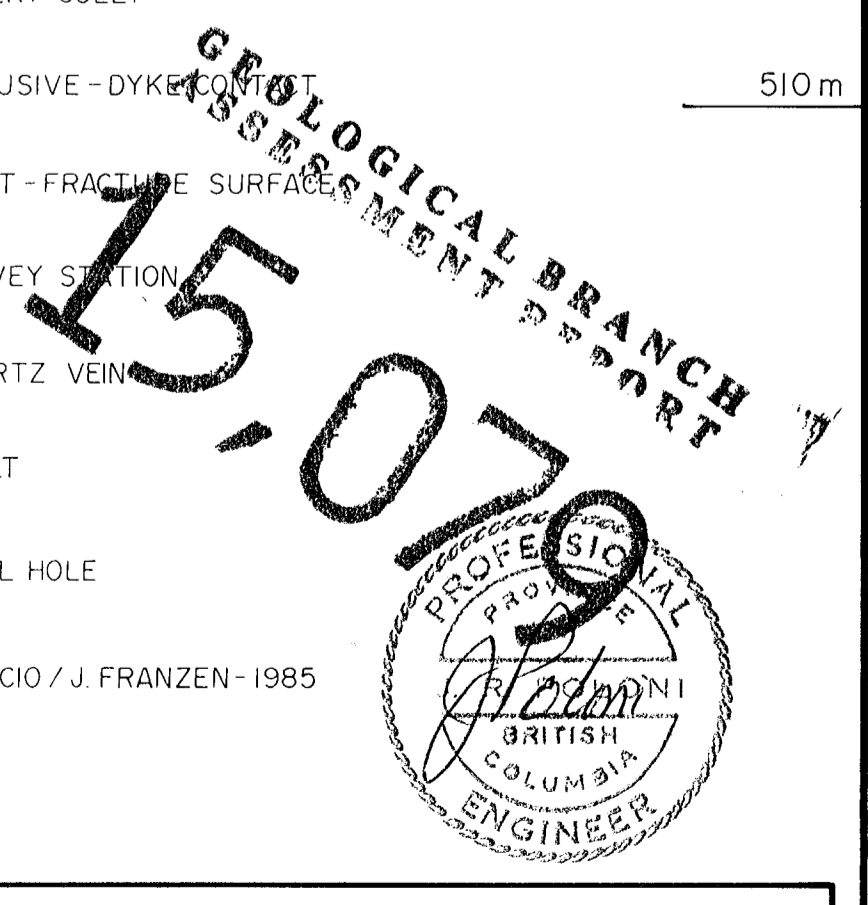
NOTE
 FRANZEN 40 m @ 15.96 g/T
 0.21 m
 PATHMORE 107 FT @ 1.36 oz/T
 9.0"



LEGEND

- MEDIUM GRAINED EQUIGRANULAR GRANODIORITE
- MEDIUM GRAINED LEUCOCRATIC TONALITE (TRONDHEJEMITE) LOCALLY QUARTZ-EYE PORPHYRITIC (PORPH) QUARTZ DIORITE
- FELSITE DYKE
- MAFIC DYKE
- OVERBURDEN
- ADIT
- J0 32 | CHIP SAMPLE
- CONTACT; INFERRED, KNOWN
- CREEK / GULLY
- INTRUSIVE - DYKE CONTACT
- JOINT - FRACTURE SURFACE
- SURVEY STATION
- QUARTZ VEIN
- FAULT
- DRILL HOLE

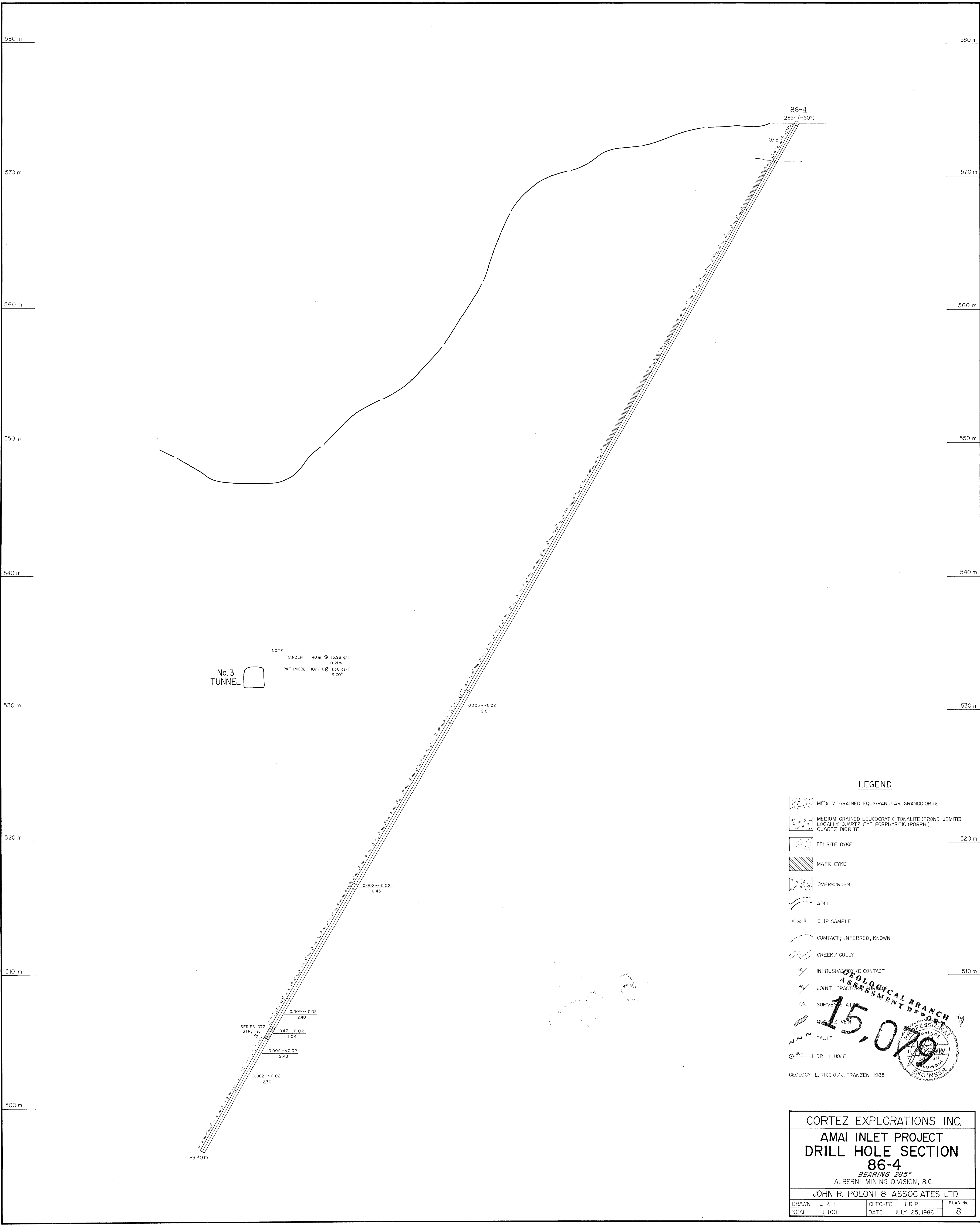
GEOLOGY L. RICCIO / J. FRANZEN - 1985



CORTEZ EXPLORATIONS INC.
 AMAI INLET PROJECT
 DRILL HOLE SECTION
 86-2, 86-3
 BEARING 255°
 ALBERNI MINING DIVISION, B.C.

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN: J. R. P.	CHECKED: J. R. P.	PLAN No.
SCALE: 1:100	DATE: JULY 25, 1986	7



NOTE
 FRANZEN 40 m @ 15.96 g/T
 0.21m
 PATHMORE 107 F.T. @ 1.36 oz/T
 9.00"

No. 3
 TUNNEL

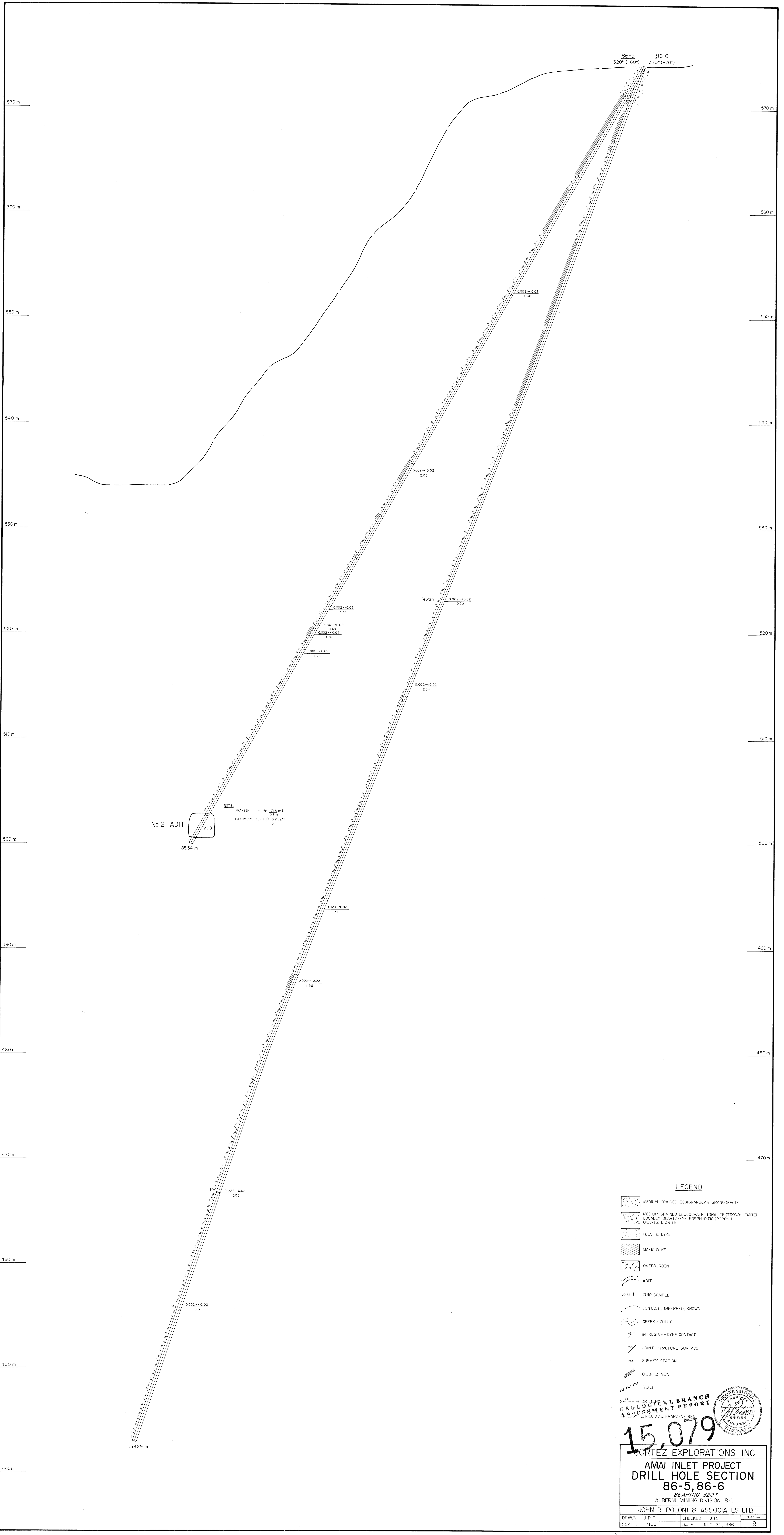
LEGEND

- MEDIUM GRAINED EQUIGRANULAR GRANODIORITE
- MEDIUM GRAINED LEUCOCRATIC TONALITE (TRONDHJEMITE)
LOCALLY QUARTZ-EYE PORPHYRITIC (PORPH.)
QUARTZ DIORITE
- FELSITE DYKE
- MAFIC DYKE
- OVERBURDEN
- ADIT
- CHIP SAMPLE
- CONTACT; INFERRED, KNOWN
- CREEK / GULLY
- INTRUSIVE DYKE CONTACT
- JOINT-FRACTURE
- SURVEY STATION
- QUARTZ VEIN
- FAULT
- DRILL HOLE

GEOLOGY L. RICCIO / J. FRANZEN - 1985



CORTEZ EXPLORATIONS INC.		
AMAI INLET PROJECT		
DRILL HOLE SECTION		
86-4		
BEARING 285°		
ALBERNI MINING DIVISION, B.C.		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN: J. R. P.	CHECKED: J. R. P.	PLAN No.
SCALE: 1:100	DATE: JULY 25, 1986	8



LEGEND

- MEDIUM GRAINED EQUIGRANULAR GRANODIORITE
- MEDIUM GRAINED LEUCOCRATIC TONALITE (FRONTHJEMITE) LOCALLY QUARTZ-EYE PORPHYRITIC (PORPH.) QUARTZ DIORITE
- FELSITE DYKE
- MAFIC DYKE
- OVERBURDEN
- ADIT
- CHIP SAMPLE
- CONTACT; INFERRED, KNOWN
- CREEK / GULLY
- INTRUSIVE - DYKE CONTACT
- JOINT - FRACTURE SURFACE
- SURVEY STATION
- QUARTZ VEIN
- FAULT

PROFESSIONAL
GEOLOGICAL BRANCH
GEOLOGICAL
ASSESSMENT REPORT
BY L. RICCO / J. FRANZEN 1986
BRITISH
COLUMBIA
ENGINEER

15,079

CORTEZ EXPLORATIONS INC.

AMAI INLET PROJECT

DRILL HOLE SECTION

86-5, 86-6

BEARING 320°

ALBERNI MINING DIVISION, B.C.

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN: J. R. P.	CHECKED: J. R. P.	PLAN No:
SCALE: 1:100	DATE: JULY 25, 1986	9

A'

A

570 m

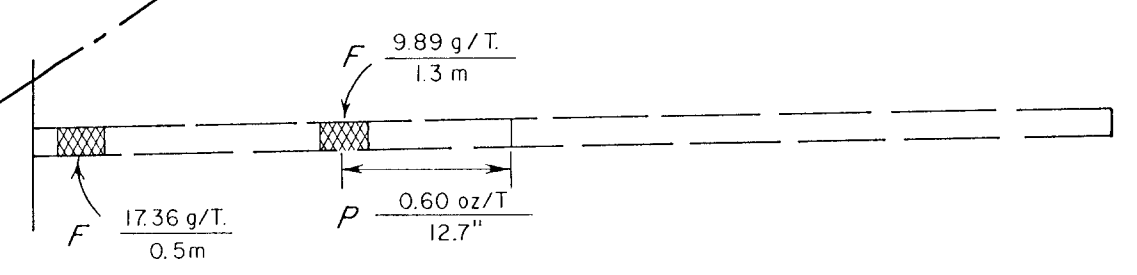
550 m

500 m

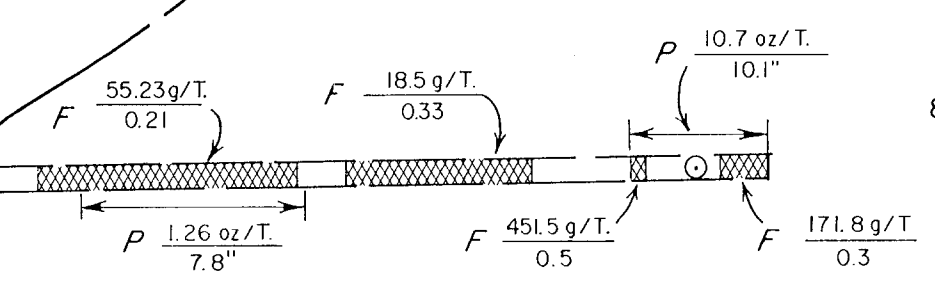
450 m

400 m

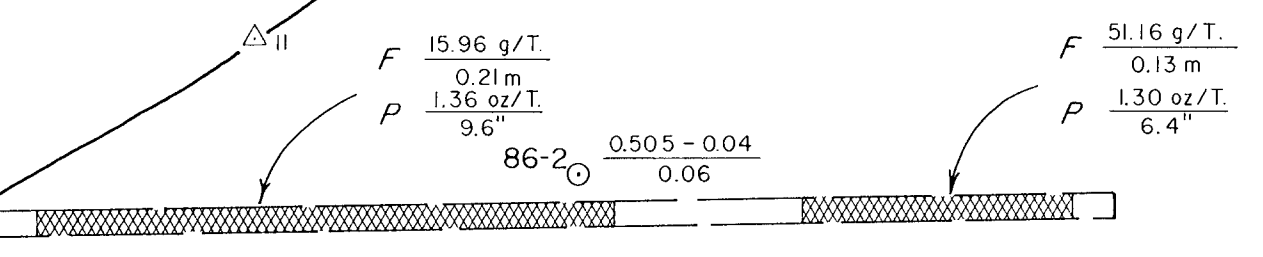
No. 1 ADIT



No. 2 ADIT



No. 3 ADIT



DRILL SITE

Δ_7

Δ_9

Δ_{10}

Δ_{11}

Δ_{7B}

86-1 $\frac{1.488-0.42}{3.58}$

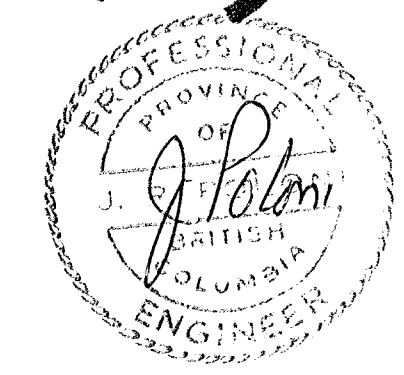
86-4 $\frac{0.117-0.02}{1.04 \text{ m}}$

86-3 $\frac{0.103-0.09}{1.93 \text{ m}}$

86-6 $\frac{0.028-0.02}{0.03 \text{ m}}$

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,079



LEGEND

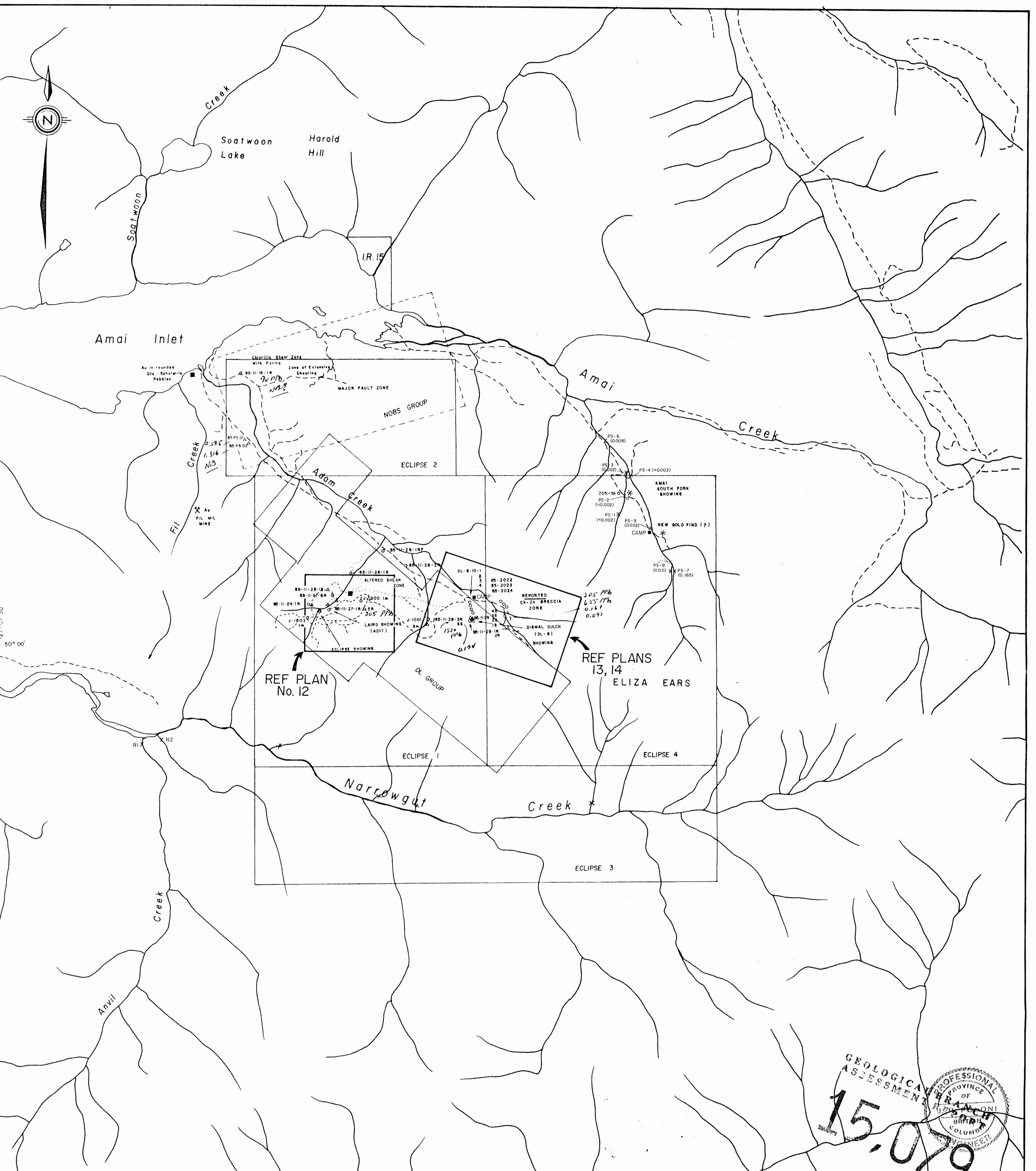
- ADIT
- MINERALIZED ZONES
- $F \frac{51.16 \text{ g/T}}{0.13}$ FRANZEN $\frac{\text{GOLD g/T}}{\text{WIDTH m}}$
- $P \frac{1.30 \text{ oz/T}}{6.4''}$ PATMORE $\frac{\text{GOLD oz/T}}{\text{INCHES}}$
- \odot 86-1 DRILL HOLE WITH ZONE INTERCEPT

CORTEZ EXPLORATIONS INC.

AMAI INLET PROJECT
LONGITUDINAL SECTION A-A'
DRILL HOLE - ADIT AREA
LOOKING EASTERLY
ALBERNI MINING DIVISION, B. C.

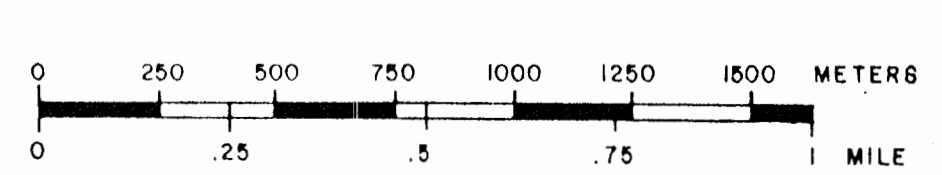
JOHN R. POLONI & ASSOCIATES LTD.

DRAWN. J. R. P.	CHECKED. J. R. P.	PLAN No.
SCALE. 1:500	DATE. JULY 25, 1986	10



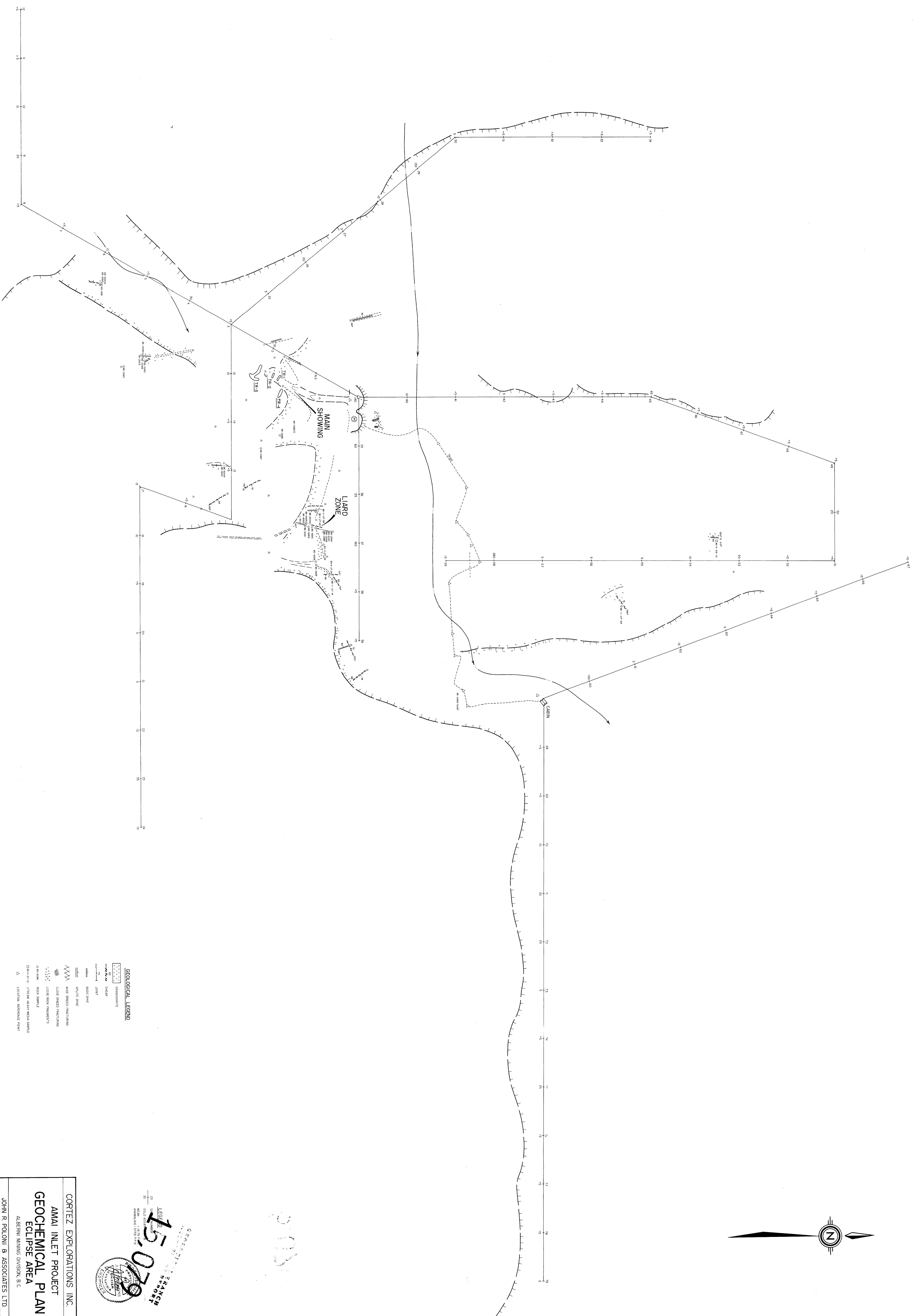
GEOLOGICAL ASSESSMENT
15,079
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA

- ROCK SAMPLE
- △ HEAVY MEDIA STREAM SEDIMENT SAMPLE
- ROAD
- CABIN



CORTEZ EXPLORATIONS INC.		
AMAI INLET PROJECT		
REGIONAL SAMPLE LOCATIONS		
ECLIPSE & DL CLAIMS		
ALBERNI MINING DIVISION, B.C.		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN AS SHOWN	CHECKED J.R.P.	PLAN No.
SCALE 1:15840	DATE JULY 25, 1986	11

AFTER K.E. NORTHCOTE, P. STOECKLY March, 1986



GEOLOGICAL LEGEND

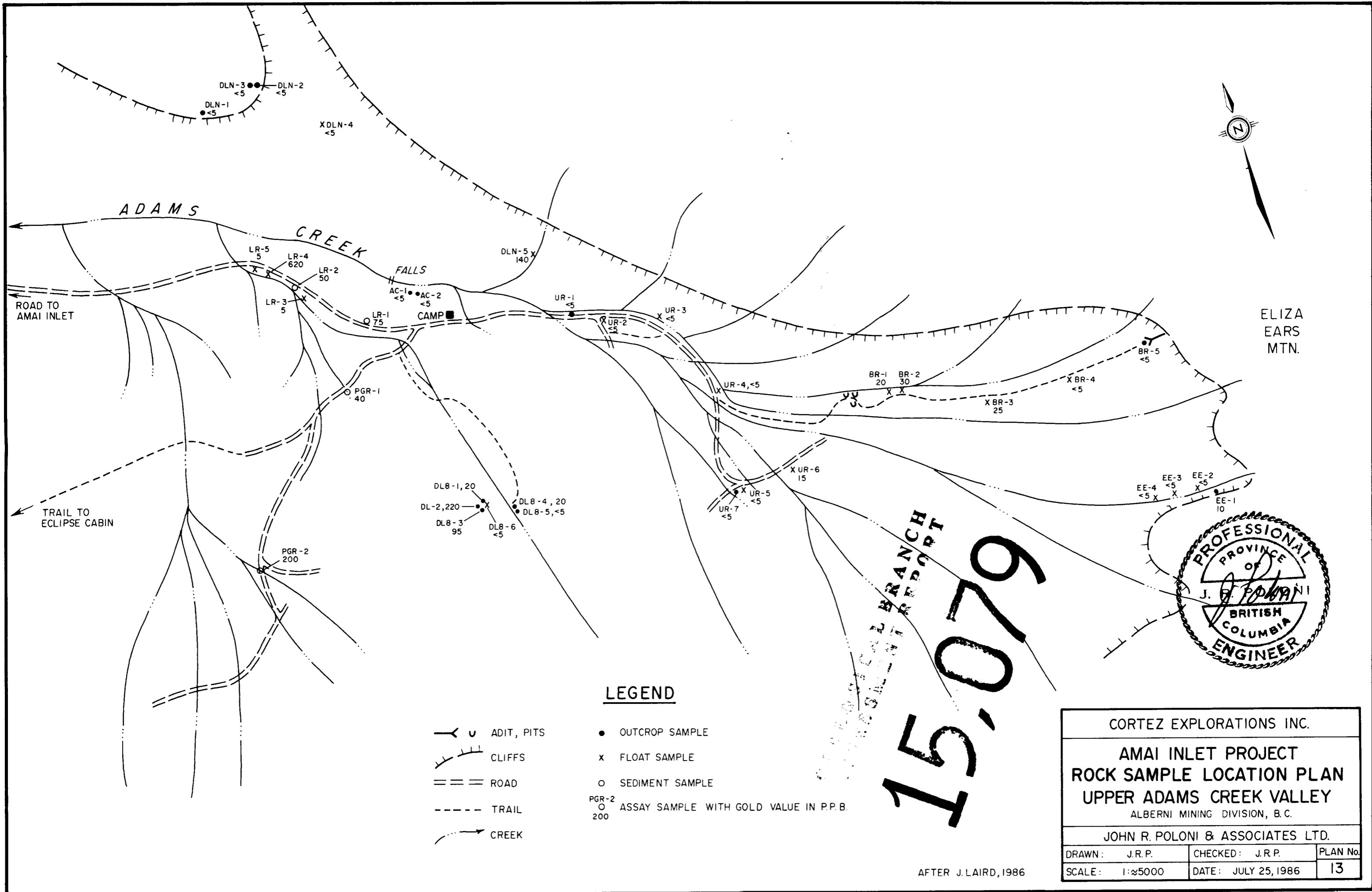
- SANDSTONE
- SILTSTONE
- SHALE
- JOINT
- MUDSTONE
- AQUEOUS DIKE
- WHITE SHALE (FAULTING)
- GNEISS (SHALE) (FAULTING)
- LIGNITE (ROCK) (FAULTING)
- 0.5m-1m ROCK (SHALE)
- 0.5m-1m SHALE (ROCK) (SHALE)
- LOCATION REFERENCE POINT

LEGEND
15.079
RANGE
PROJECT
AMALGAMATED
ALBERTA
GEOL. SURV.
1986

CORTEZ EXPLORATIONS INC.
AMAL INLET PROJECT
GEOCHEMICAL PLAN
ECLIPSE AREA
ALBERTA MINING DIVISION, B.C.

JOHN R. POLONI, B. ASSOCIATES LTD.
R.P.
1:500
SCALE

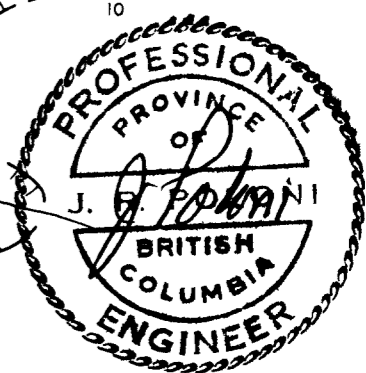
DATE: JULY 25, 1986
SHEET: 12



LEGEND

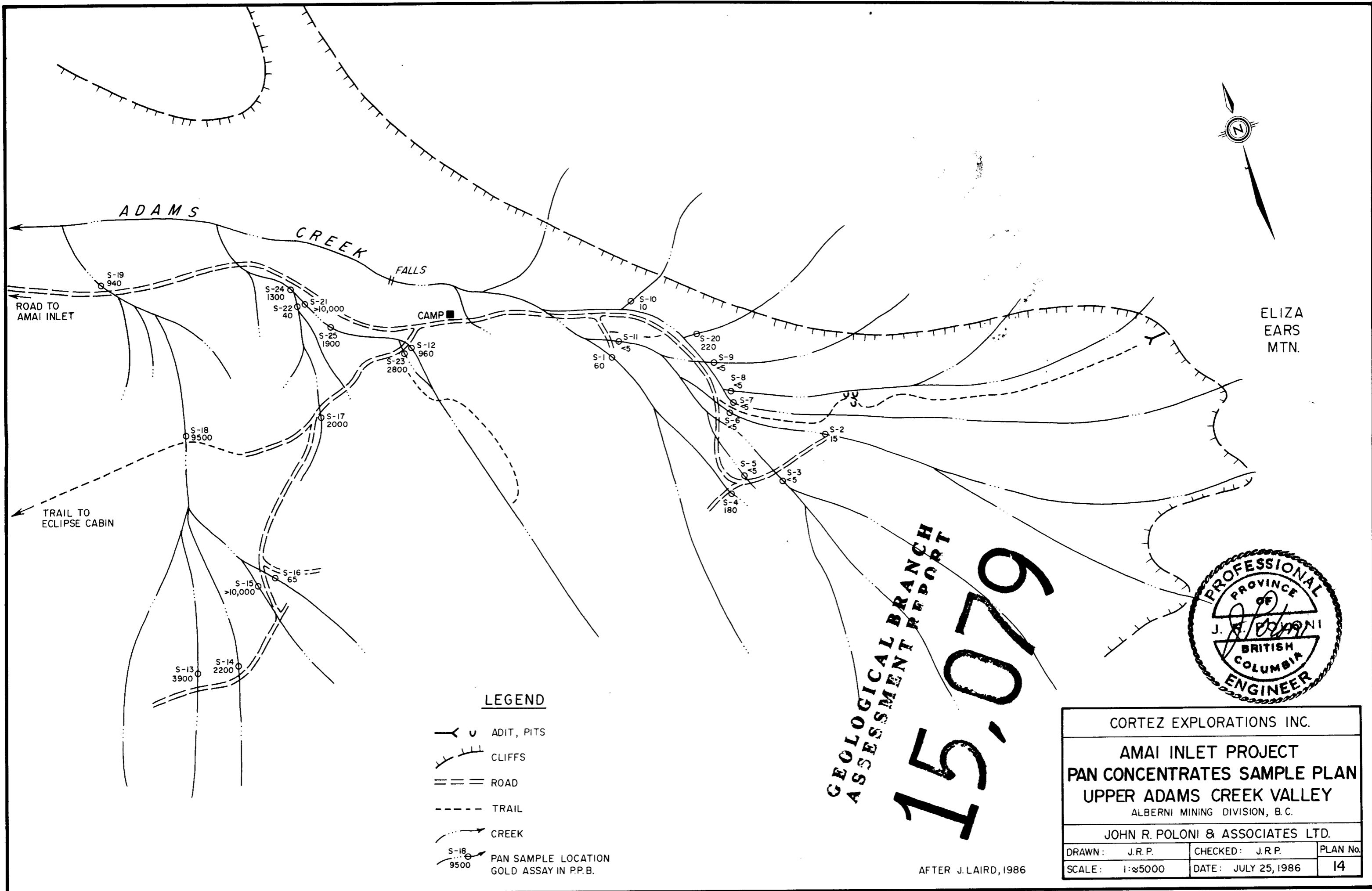
- ADIT, PITS
- CLIFFS
- ROAD
- TRAIL
- CREEK
- OUTCROP SAMPLE
- FLOAT SAMPLE
- SEDIMENT SAMPLE
- ASSAY SAMPLE WITH GOLD VALUE IN P.P.B.

CORTAZ BRANCH
 REPORT
15,079



CORTEZ EXPLORATIONS INC.		
AMAI INLET PROJECT ROCK SAMPLE LOCATION PLAN UPPER ADAMS CREEK VALLEY ALBERNI MINING DIVISION, B.C.		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN: J.R.P.	CHECKED: J.R.P.	PLAN No.
SCALE: 1:~5000	DATE: JULY 25, 1986	13

AFTER J. LAIRD, 1986



CORTEZ EXPLORATIONS INC.		
AMAI INLET PROJECT PAN CONCENTRATES SAMPLE PLAN UPPER ADAMS CREEK VALLEY ALBERNI MINING DIVISION, B.C.		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN: J.R.P.	CHECKED: J.R.P.	PLAN No.
SCALE: 1:25000	DATE: JULY 25, 1986	14

AFTER J. LAIRD, 1986