

7960

AMAX OF CANADA LIMITED

MINERALS EXPLORATION DIVISION

April 11, 1980

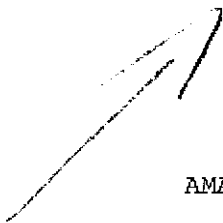
Chief Gold Commissioner,
Dept. Energy, Mines & Petroleum Resources,
Mineral Resources Branch,
Parliament Building,
Victoria, B.C.

Dear Sir:

Re: Tidewater Mo Property - Skeena M.D.

Attached are two copies of the 1979 Diamond Drilling Report containing Drill Logs and Assay Results for the above property. Since we are conducting ongoing exploration programs on this property, we would like to have the assay results kept confidential for a period of three years.

Thank-you.

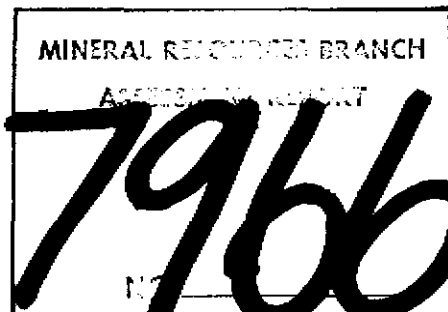


Yours truly,

AMAX OF CANADA LIMITED



D. G. Allen



1979 Assessment Report

Diamond Drilling

TITLE	Tidewater Property
CLAIMS	Tide, Tide II, Tide 2, 3, 4, 5 Crown Grants - Success, Molybdenum
COMMODITY	Mo
LOCATION	5 km west of Kitsault, B.C. Latitude 55°28'N Longitude 129°34'W Skeena Mining Division 103 P 5
BY	D.G. Allen, P.Eng. (B.C.)
FOR	AMAX of Canada Limited
WORK PERIOD	September 28 - November 13, 1979

AMAX VANCOUVER OFFICE

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ILLUSTRATIONS

Figure 1 - Location Map-----	1:250,000---After Page 1
2 - Drill Hole Location-----	1:5,000-----In Pocket

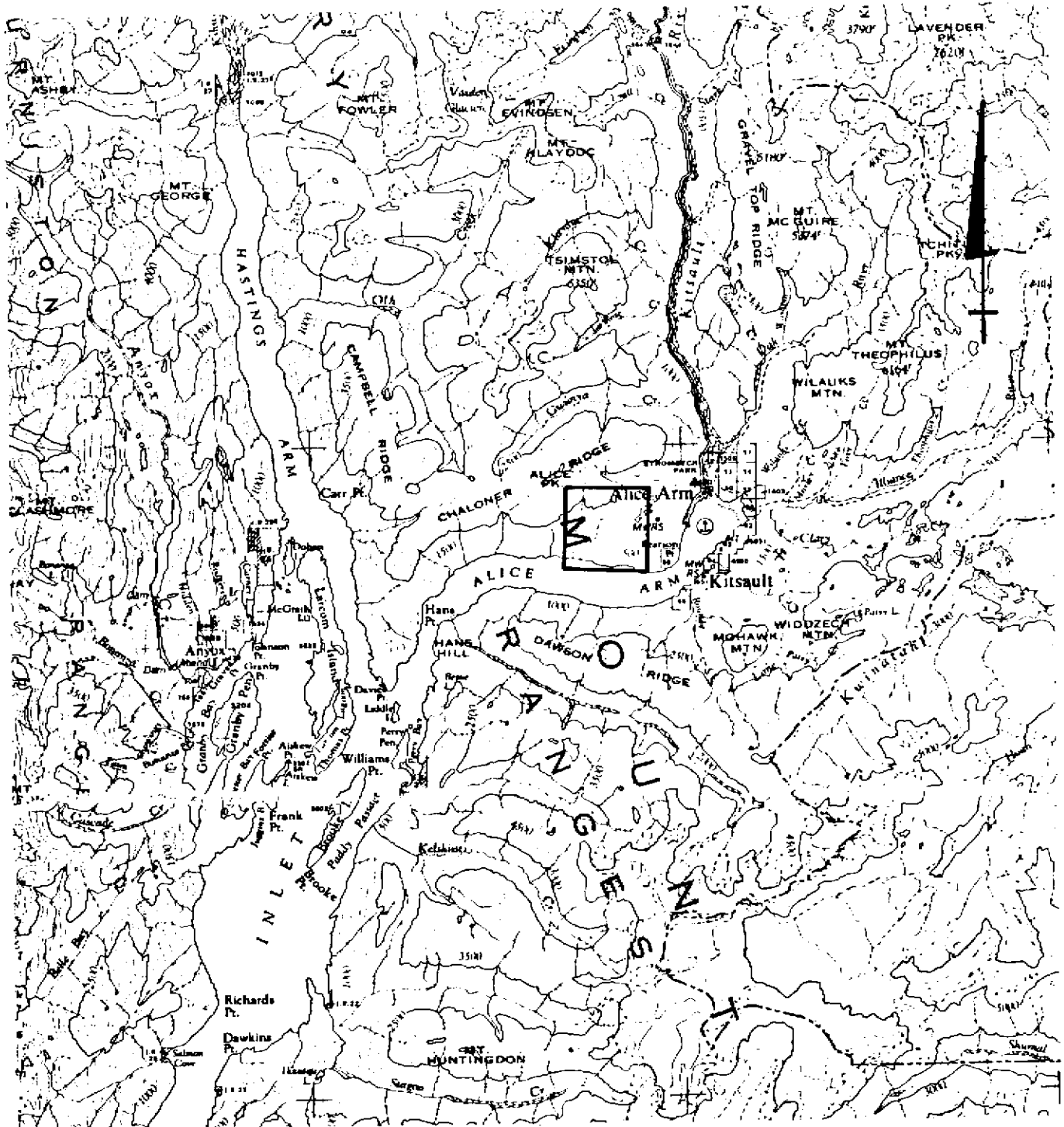
INTRODUCTIONLocation and Access

The Tidewater property is situated near the head of Alice Arm (Observatory Inlet), 10 km northwest of the AMAX owned Kitsault Mine. Access is by float plane to Kitsault and by helicopter or boat from Kitsault.

Property Status

The property consists of 8 claims (2 crown grants plus 54 units) under option from R. Dunn. Status is as follows:

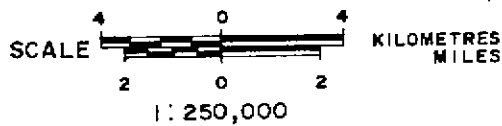
<u>Claim</u>	<u>Recording Date</u>	<u>Record Number</u>	
Tide	4 units	July 20, 1977	395
Tide II	1 unit	July 20, 1977	396
Tide 2	16 units	April 18, 1979	1237
Tide 3	12 units	April 18, 1979	1299
Tide 4	9 units	April 18, 1979	1300
Tide 5	12 units	April 18, 1979	1238
<u>Crown Grants</u>			
Success	June 28, 1977		375
Molybdenum	June 28, 1977		374



AMAX OF CANADA LIMITED

TIDEWATER PROPERTY
SKEENA MINING DIVISION — BRITISH COLUMBIA

LOCATION MAP



Donald S. Allen

N. T. S. Ref. 103P5

FIG. 1

1979 DRILLING

In 1979 a total of 796 metres (2610') of diamond drilling was carried out in three holes to test part of the molybdenum zone associated with the Tidewater stock. Drilling was carried out by Connors Drilling of Vancouver during the period September 28 - November 13, 1979.

Drill sites (DDH TW-79-1 to 79-3) in relation to claim boundaries are shown on Figure 2. Drill core is stored on the property (also shown on Figure 2).

Drill logs accompany this report in Appendix II. Assay results are reported on the logs.

D.G. Allen, P.Eng. (B.C.)

D. G. Allen

GEOLOGY

Regional Geology

The Tidewater property is underlain mainly by Hazelton Group sedimentary rocks (Figure 3). The property lies about 2 km east and north of the contact with the Coast Range Batholithic Complex. Sedimentary rocks of the Bowser Group lie to the west.

Bedding attitudes and contact with the Coast Complex trend northwest and prominent lineaments and dyke swarms trend northeast.

Property Geology

Hazelton Group

Hazelton Group sedimentary rocks in the claim area consist mainly of argillite, siltstone and greywacke. They are dark grey to black in colour and massive to thickly bedded. Fine grained massive tuff, light grey to purplish grey in colour, occurs locally. Feldspathic fragments in the argillite also indicate a tuffaceous component in places. The sedimentary rocks contain abundant fine grained disseminated pyrrhotite that must have been an original constituent. Bedding attitudes generally strike west-northwest and dip to the north (Figure 4b).

The intrusion of both the Coast Batholith and the Tidewater stock have affected the sedimentary rocks. Near the Coast batholith they contain disseminated black biotite and locally have a spotted texture (andalusite). Around the Tidewater stock, the sedimentary rocks have a characteristic purplish cast presumably as a result of the development of hydrothermal biotite.

Thin skarn beds (<20 cm thick) intersected in drilling indicate a minor carbonate content.

Tidewater Stock

The Tidewater stock outcrops over an area of 250 by 400 metres. It is irregular in outline and contains a number of roof pendants of hornfelsic sedimentary rocks. Drill intercepts suggest that the stock plunges steeply to the northeast.

Composition ranges from quartz monzonite to granite. Textures range from medium grained equigranular to porphyritic with quartz and feldspar phenocrysts up to 4 mm in diameter. Myrmekitic, pegmatitic and aplitic textures are locally present. Quartz feldspar porphyry with an aphanitic groundmass is also common. Biotite (0 to 5%) occurs mainly in the equigranular phases. Although textures vary markedly over short distances, no contacts or cross-cutting relationships can be established. Possibly two bodies of crystallizing magma, each with a large volatile component, were intruded at the same time into the same area.

Dykes

Dykes of varying composition are extremely abundant over the entire property and are part of a northeast trending swarm that covers a large area and extends westerly to Ketchikan (Smith, 1973). Most abundant are andesite and fine grained diorite of varying texture. Less abundant are lamprophyre, basalt and dacite. They range from 0.2 to 5.0 m wide. Average abundance is 2 per 100 m. Most of the northeast-trending topographic lineaments on the property reflect these dykes (Figure 4b).

Northwest-trending porphyritic hornblende-granodiorite dykes are sparse but persistent in the southern part of the property. Scattered white to pink felsite dykes trend east-west to northwest.

Except for one quartz veined felsite dyke in the northern part of the property all dykes are fresh in appearance and are post-mineral in age.

Coast Range Intrusive Rocks

Intrusive rocks of the Coast Batholithic Complex cut across the northwest corner of the claim group and lie on the south side of Alice Arm. They consist mainly of biotite-hornblende granodiorite which is coarse grained, equigranular and contains scattered poikilitic plagioclase grains up to 1 cm in diameter. Rare pegmatite and aplite dykelets and small gneissic inclusions are present.

Structure

The most prominent structural features are (1) north-east trending lineaments and basic dykes (Figure 3), and (2) a widespread zone of quartz veins that covers much of the southern part of the property (an area of 2 by 3 km).

The widespread quartz veining in sedimentary rocks shows two main trends $052^{\circ}/65^{\circ}\text{NE}$ and $142^{\circ}/41^{\circ}\text{NW}$ (Figure 4a). The veins striking 052° reflect the prominent northeast lineament trend and those striking 142° suggest an orthogonal relationship with that trend. The quartz veins range from 0.1 to 3.0 cm thick and range in abundance from 0.2 to 2.0 per metre and average about 1.0 per 2.5 metres.

A prominent quartz molybdenite vein system (object of the early work on the property) which occurs south of but does not cut the stock also trends northeast. Elsewhere in the molybdenite zone, outside the stock, quartz veins are as abundant as 15 per metre and average 2 per metre.

Quartz veins in the Tidewater stock (Figure 4a), also reflect the northeast trend ($048^{\circ}/85^{\circ}\text{NW}$). Other trends are flat

(164°/25°E) and west (000/85°S) to northwest (145°/67°SW), suggesting a flat and radial system of quartz filled fractures. Abundance in the stock ranges from 1 to 30 per metre and averages about 6 per metre.

The northeast trend is paralleled locally by the contact of the Coast Crystalline Belt west of the property and by long axes of the Tidewater stock. The northwest quartz vein trend is paralleled by the regional contact of the Coast Crystalline Belt and by some lineaments south of Alice Arm (Figure 1). The northeast structures therefore appear to have influenced much of the geologic history of the area from locally influencing the intrusion of the Coast Range batholith, intrusion of the Tidewater stock and the development of the widespread quartz vein zone.

Mineralization

Molybdenite occurs in several modes over an area of 1100 by 500 metres:

- 1) in a prominent vein system up to 5 m wide south of the Tidewater stock, where molybdenite (1 - 2.65% MoS₂) occurs as layers and disseminations within the veins;
- 2) in scattered banded quartz molybdenite veins (encountered mainly in DDH-79-2);
- 3) in quartz vein stockworks in and around the Tidewater stock, both as disseminations in and as smears along quartz veinlets;
- 4) disseminations (minor amounts) in the Tidewater stock; and
- 5) fracture coatings (minor amounts).

Assays from the molybdenite zone range from 0.00X to 0.15% MoS₂.

Scheelite occurs in a small percentage of the quartz veins and as disseminations in thin skarn beds in the hornfels.

Alteration around the Tidewater stock includes a strong hornfels development up to 350 m from its contact, where up to 70% of the rock may have a characteristic purplish cast (Figure 3). A weakly developed hornfels occurs as much as 450 m west of the stock contact where the purplish cast is irregularly developed along quartz veins and apparently in certain sedimentary beds. The purplish cast is a result of the development of reddish biotite which is visible locally in quartz veins. In contrast, the hornfels occurring adjacent to Coast Range granodiorite, contains black biotite, local andalusite and commonly has a spotted texture. Rare hornblende occurs on fractures in the hornfels zone around the stock. Scattered beds of garnet-diopside skarn 5 to 20 cm thick occur in the hornfels.

APPENDIX II - DIAMOND DRILL LOGS

STATEMENT OF QUALIFICATIONS

NAME	D.B. Fleming
ADDRESS	R.R. #4 Uplands Drive Kelowna, B.C.
EDUCATION	B.Sc. Geology 1979 University of B.C. Vancouver
EXPERIENCE	1976-1977 Seumotech (64) Ltd. - Explosives assistant 1978 AMAX Minerals - Field assistant 1979 AMAX Minerals - Field assistant

APPENDIX I - STATEMENT OF COSTS

Tidewater Property

Summary of Work 795.7 m diamond drilling in three holes

Period of Work September 28 - November 13, 1979

Diamond Drilling

Connors Drilling - 205-1201 West Pender Street, Vancouver

Inv. #9890, 9835, 9779, 9754

\$75,566.71

=====

We wish this work applied as follows:

Tide - 5 years
Tide II - 5 years
Tide 3 - 6 years
Molybdenum - 4 years
Success - 5 years

Connors Drilling

Division of
Bow Valley Resource Services Ltd

205 - 1201 WEST PENDER STREET I, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

• Amax Minerals Exploration
Division of Amax Potash Limited
601 - 535 Thurlow Street
Vancouver, B.C.
V6E 3L6

AMAX

Job 21-916
9754

RECEIVED INVOICE NO: 9754
DATE: October 12, 1979
OCT 16 1979

VANCO	8300	6800.00
SURFACE DIAMOND DRILLING	8370	228.00
TIDEWATER, B.C.		
SEPTEMBER 28 - 30, 1979		7037.20
MOBILIZATION (Lump Sum)		1,800.00

CK 18978 NOV 2 1979

FIELD COST WORK

DATE	SHIFT	MAN HRS.	REMARKS
Sep. 28/79	Day	12	1 man help load equipment
"	"	52	4 men work on drill site & cut trees
"	"	16	2 men moving to hole #1
29	"	8/12	1 man fly in from Kitsault & ship supplies to job
"	"	78	6 men flying equipment from camp to drill site
30	"	72/18	6 men flying equipment to drill site
		<u>238</u>	
		200	

Total man hours 238 @ 25.00 5,950.00
200 5,000.00

CORE BOXES SUPPLIED (copy attached)
E.G. Whalley & Son Invoice #9213

728.00
Plus 15% 109.20
837.20

~~8,587.20~~
7037.20

G. Aiken
971

9754

Connors Drilling

Division of
Bow Valley Resource Services Ltd

205 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

Amax Minerals Exploration
Division of Amax Potash Limited
601 - 535 Thurlow Street
Vancouver, B.C.
V6E 3L6

AMAX
RECEIVED
OCT 25 1979
VANCOUVER OFFICE

Job 21-916
INVOICE NO: 9779
DATE: October 24, 1979

SURFACE DIAMOND DRILLING
TIDEWATER, B.C.
OCTOBER 1 - 15, 1979

FOOTAGE FEE

D.D. Hole #1	0 - 11'	11' @ 21.00	231.00	
	11 - 786'	775' @ 21.40	<u>16,585.00</u>	16,816.00
		786'		

FIELD COST WORK

DATE	SHIFT	MAN HRS.	REMARKS	
Oct. 1/79	Day	44.54	Install waterline & set-up drill	
"	"	16	Working on set-up	
"	"	6	Fly 3 loads from Kitsault	
"	"	8	Work on waterline	
"	"	1	Mix mud	
"	"	20	Finish setting up	
12	"	30	3 men build next drill site & install waterline	
		125 man hours @ 25.00		3,125.00
				<u>2,975.00</u>

MUD SUPPLIES CONSUMED

14 - 50# bags Quick Gel mud @ 4.80	67.20
4% tax	2.69
	69.89
Plus 15%	<u>10.48</u>
	80.37
	<u>20,021.37</u>
	19,571.37

CK: 18979 NOV 21 1979

F. Allen
971-86810

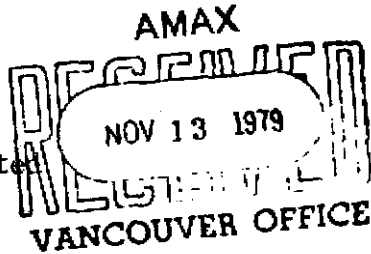
9779

Connors Drilling

Division of
Bow Valley Resource Services Ltd

205 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

Amax Minerals Exploration
Division of Amax Potash Limited
601 - 535 Thurlow Street
Vancouver, B.C.
V6E 3L6



Job 21-916

INVOICE NO: 9835

DATE: November 9, 1979

SURFACE DIAMOND DRILLING
TIDEWATER, B.C.
OCTOBER 16 - 31, 1979

FOOTAGE FEE

D.D. Hole #1	786 - 976'	190' @ 21.40	4,066.00	
#2	0 - 10'	10' @ 21.00	210.00	
	10 - 526'	516' @ 21.40	11,042.40	
#3	0 - 20'	20' @ 21.00	420.00	
	20 - 528'	508' @ 21.40	10,871.20	26,609.60
		<u>1,244'</u>		

FIELD COST WORK

<u>DATE</u>	<u>SHIFT</u>	<u>MAN HRS.</u>	<u>DRILL HRS.</u>	<u>SHIFT HRS.</u>	<u>REMARKS</u>
Oct. 18/79	Day	40	10	0	Finish hole, tear down for move
19	"	40	10	0	Move 1/2 mile & set-up
24	"	40	10	0	Tear down for move & move
25	"	10	5	0	Finish setting up
"	"	8	0	0	Night shift help set-up drill
29	Night	0	0	8	Standby for hole test
30	Day	20	10	0	Move drill to hole #2
"	Night	20	0	0	Help move drill
31	Day	0	0	8	Flying rods & fuel
		<u>178</u>	<u>45</u>	<u>16</u>	
		Credit 2 moves - 40	-20	- 0	
		<u>138</u>	<u>25</u>	<u>16</u>	

Total man hours 138 @ 25.00 3,450.00
 Total drill hours 25 @ 18.00 450.00
 Total standby time 16 @ 70.00 1,120.00
 5,020.00

9835

D. Allen 971 *Sub Total 51629.60*

CK 189 7 9 NOV 21 1979

AMAX
 RECEIVED
 NOV 13 1979
 VANCOUVER OFFICE

Amax Minerals Exploration
 Division of Amax Potash Limited
 601 - 535 Thurlow Street
 Vancouver, B.C.
 V6E 3L6

Job 21-916
 INVOICE NO: 9855
 DATE: November 9, 1979

- 2 - Brought Forward 31,629.60

DIP TESTS

DATE	HOLE #	TESTS @	
Oct. 17/79	1	1 test @ 976'	75.00

MUD SUPPLIES & FREIGHT CHARGES (copies attached)

Thiessen Equipment Ltd. Invoice #6293	454.27	
Valley Bus Ltd. Invoice #13517	42.00	
	<u>496.27</u>	
Plus 15%	74.44	
		<u>570.71</u>
		32,275.31

(86840) CONNORS SHARE OF
 HELICOPTER
 D. Allen
 971

(2,182.35)
30,092.96

APPROVED *James B. Morand* DATE 1/2/79

Project Number	Comm. Date	Account Code	Sub Class	Amount
971	-	86810		32,275.31
971	-	86840		(2,182.35)

James

CK 18379 NOV 2 1979

Connors Drilling

Division of
Bow Valley Resource Services Ltd

205 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

AMAX
RECEIVED
DEC 3 1979
VANCOUVER OFFICE

Amax Mineral Exploration
Division of Amax Potash Ltd
601 - 535 Thurlow Street
Vancouver, B.C.
V6E 3L6

21-916
INVOICE NO: 9890
DATE: November 28, 1979

SURFACE DIAMOND DRILLING
TIDEWATER, B.C.
NOVEMBER 1 - 13, 1979

DEMOBILIZATION (Lump Sum)

1,000.00 ✓

FOOTAGE FEE

<u>D.D. Hole #2</u>	526' - 1000'	474'	@	21.40 ✓	10,143.60	
	1000' - 1106'	106'	@	24.00 ✓	2,544.00	12,687.60
		580'				

FIELD COST WORK

<u>DATE</u>	<u>SHIFT</u>	<u>MAN HRS.</u>	<u>DRILL HRS.</u>	<u>REMARKS</u>
Nov 1/79	Night	24	12	Drill thru fault with NQ
Nov 2/79	Day	16	8	Drill thru NQ landing ring & lower BQ rods
Nov 2/79	Night	16	8	Lowering BQ rods
Nov 10/79	Day	2	Ø	Drain pump & waterline
Nov 11/79	"	40	Ø	Pull BQ & NQ rods & dismantle drill for flying out
Nov 12/79	"	40	Ø	Tear down camp & move out
Nov 13/79	"	40	Ø	Moving camp & drill to Kitsault
		178	28	

Total man hours	178	@	25.00 ✓	4,450.00
Total drill hours	28	@	18.00 ✓	504.00

4,954.00

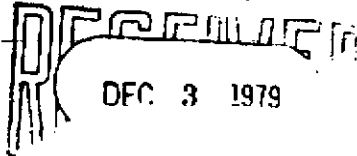
CK 19030 DEC 6 - 1979

cont'd...

9890

Due Total 18,691.60

AMAX



21-916

Amax Minerals Exploration
Division of Amax Potash Ltd.
601 - 535 Thurlow Street
Vancouver, B.C.
V6E 3L6

INVOICE NO: 9890
DATE: November 28, 1979

VANCOUVER OFFICE

- 2 -

Brought Forward 18,041.00

SUPPLIES CONSUMED ON FIELD COST WORK

1 - only	NQ Landing ring	8.30	
1 - only	NQ Inner tube stabilizer	23.05	
1 - only	NQ Core bit (40% of 321.28)	128.51	
1 - only	BQ Core bit (40% of 543.19)	217.28	
		377.14	
	Tax 1.7%	6.41	
		383.55	
	Plus 15%	57.53	
			<u>441.08</u>
			19,082.68

C. Gilman *L.A. 11/28/79*

AIRCRAFT (86840) < 793.50 > 971-86810

FUEL FEE

(From CHIMAX) (86310) (324.00)

(1,117.50)

17,965.18

ADD & EXT CORRECT					
APPROVED					DATE
Project Number	Group Code	Activity Code	Account Desc.	Units	Amount
971	-	-	86810	-	18,758.68
971	-	-	86840	-	793.50
					17,965.18

CK 19030 DEC 6 - 1979

DIAMOND DRILL RECORD

PROPERTY TIDEWATER Project Number 971
 Hole No. TW 79-2 Co-ordinates _____ Bearing at Collar -
 _____ Dip at Collar -90°
 Collar Elevation 573 m Commenced Drilling October 21, 1979
 Total Depth 337 m Completed Drilling November 10, 1979
 Logged By: D. Fleming
 Core Size NQ 0-168; BQ 168-337 Coring Method _____ Drilling Contractor Cornors Drilling

<u>Survey Summary</u>				<u>Pertinent Assay Data</u>		<u>Pertinent Geology</u>	
Depth	Dip	Bearing	Method	Interval	% MoS2	Interval	Rock Type
				3 - 34 m (31 m)	0.026%	0 - 3 m	Overburden
				34 - 116 (82 m)	0.040%	3 - 34	Quartz monzonite, quartz feldspar porphyry
				116 - 152 (36 m)	0.078%		
				152 - 160 (8 m)	0.076%	34 - 116	Hornfels, quartz monzonite dikes
				160 - 224 (64 m)	0.042%	116 - 152	Quartz monzonite
				224 - 286 (62 m)	0.008%	152 - 160	Fault
				286 - 337 (51 m)	0.005%	160 - 224	Quartz monzonite
						224 - 286	Quartz monzonite
						286 - 337	Hornfels.

7966

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PILES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Corb	Qtz Py MoS ₂	Qtz Py MoS ₂	Qtz Py MoS ₂	K-Feld	Biotite	Musc	Pyrite		Pyrite		
2																										<p>3.05 - 14.2 - Silicified-Quartz Feldspar Porphyry - Felsite, white feldspar phenocrysts (1-2 mm) = 10% with euhedral quartz phenocrysts, gray (1-2mm) = 10% Groundmass lt gray-green aphanitic highly sericitized, silicified. Sericitization, and silicification produce mottled and banded textures. Pyrite disseminated >5% locally - early - highly silicified by low angle milky quartz vein stockwork. (barren) up to 1 cm in width. - late - Qtz sericitic vein, vuggy, white at 52° and 5 cm in width.</p> <p>3.7 & 5.9- Qtz MoS₂-Py-Feldspar veins at 10°-30°. MoS₂ pyrite coarsely dissem along selvage.</p> <p>5.1 - Pyrite filling numerous discontinuous fractures parallel core axis - Porphyry highly siliceous, pyritized. Some MoS₂ diss on fractures with Pyrite - numerous Qtz-Pyrite veins, banded fracture composites up to 1 cm at 50°.</p> <p>7.0 - early - 25° Qtz MoS₂ Pyrite stringer veins (x2) 52° MoS₂ stringers also (x2) - late - 70° 2 mm Qtz (MoS₂ low) vein, grey. - high angle Qtz Pyrite sericite veins, sericite dk green gray - phlogopitic.</p> <p>7.0 - Bleaching on crosscutting veins - sericitization on high angle fractures.</p> <p>8.4 - Silicification extreme. Nature of original texture completely masked, mottled. Banded texture due to wormy nature of qtz & feldspar and to aplitic bands.</p> <p>9.3 - Silicification-sericitization extreme. Galena-sphalerite-Pyrite disseminated in bands up to 5 cm. PbS-ZnS-FeS₂ veins at 80°.</p> <p>10.0 - numerous stockwork fractures, qtz filled <1 mm. Bleached pervasively</p> <p>11.4 - MoS₂-Qtz Pyrite vein (5 mm) at 20°. MoS₂ diss. heavily on selvages, central fractures. -</p>
4																										
6				10	85	61220	.01	.011	3					3			5.0	0.5	5.0	0.1						
8				7	94	61221	.02	.014	2	6				2			20	1	0.5	2.5						
10				7	100	61222	.05	.038	3	2	2		2	4			15	0.5	2.0	2.5						
12				7	100	61223	.02	.010	4	3		1	2				5	1	5.0	2.5						
14				21	107	61224	.04	.032	6	3		2	3				5	0.5	6.0	2.0	0.5					
16				15	97	61225	.02	.005	10	2			1				2	5	0.5	1.5	0.5					
18				9	100	61226	.05	.008		2			6				1	5	10	2.5	1.0	1.0				
20				11	100	61227	.10	.032	4					7			2	2.5	2.0	5.0	0.5					
22				9	100	61228	.10	.016	6	1	1	1	2				2.5	5	2.5	2.0	1.0					
24				4	100	61229	.20	.088	2	2			8				3	5.0	5	5.0	2.0	1.0				
26				6	100	61230	.20	.038	2	2	2		5				1	6.0	5	3	2.0	5.0				
28				9	98	61231	.25	.018		1			5				2	6.0	5	3	2.0	5.0				
30				11	97	61232	.30	.020		2	2		6				6.0	5	3.5	2.0	-					
				12	97	61233	.25	.016				1	10				6.0	4	3.0	2.0	-					

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA						VEINS					% MINERALS				NOTES		
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	K-Feld	Biotite	Musc						

late 25° grey Qtz MoS₂ (2 mm) - Sericite extremely heavy on high angle fractures along with pyrite. Granite med gray with pyrrhotite and biotite along with grey Qtz producing dark gray mottled texture.

21.0 - 22.0 -.3-1.0 cm white and gray MoS₂-Qtz Pyrite veins at 15-70° with sericite as vein component, patchy, and as pervasive halo (x7)

22.0 - early - 10° Qtz vein
late - 5° Qtz-MoS₂-Pyrite with 25° offshoot stringers. - 20° MoS₂ Pyrite Qtz vein with sericite dark green on selvage.

23.5 - early - +2 45° MoS₂-Pyrite-Qtz veins with selvage sericite.
late - 15° 1 cm Qtz Pyrrhotite vein.

24.0 - 26.0 - MoS₂-Pyrite disseminated fractures early - Qtz Feldspar-MoS₂ Pyrite veins (1 cm) at 10° cut by
late - 20° stringers of MoS₂-Pyrite-Qtz veins. - MoS₂ - Pyrite disseminated heavy on large low angle Qtz vein.

26.0 - 28.0 - Numerous fractures (moderate angle with MoS₂. Pyrite
early - Qtz MoS₂ Pyrite (x2) at 40°
late - 5-50° Qtz Pyrite MoS₂. MoS₂ Pyrite disseminated coarsely on selvages and in envelope? 70° offshoots common.

27.8 - Highly sericitized band (?) Lt green possible addition of epidote.

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DEPTH METRES	GRAPHIC LOG				ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES				
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES		SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	Qtz MoS ₂	Qtz MoS ₂	Qtz Pyrh	K-Feld	Biotite		Musc	Pyrite	Pyrite	Flk
30																										<p>28.0 - 30.0 - Quartz-Feldspar interlocking texture persists. Feldspar = 60-70%, euhedral with gray quartz anhedral interstitial. Biotite spotty with percentage content = 5% associated with disseminated Pyrite. Locally (28.2) quartz dk grey dominant. Also locally feldspar 90% in response to veins.</p> <p>28.5 - MoS₂ - Pyrite Qtz stringer (1 mm max) parallel at about 35° (x5)</p> <p>early - 35° Banded MoS₂-Qtz-Pyrite vein (3 mm) MoS₂ on selvage and central to vein.</p> <p>late - 20° white Qtz vein MoS₂ Pyrite disseminated <<1% (1 cm).</p> <p>29.6 - 30.0 - Aplite vein at 12° Lt green sericitized cut by grey MoS₂ stringer (0°) - MoS₂ on dry fractures with pyrite-sericite.</p> <p>30.5 - 35° white quartz veins parallel (x5) at 1 cm - barren - numerous 20-35° grey quartz veins shear fracture filling. - 36° white Qtz-MoS₂-Pyrite down center of vein 1.5 cm.</p> <p>early - 0° irregular gray 1 mm quartz vein late - 26° white Qtz MoS₂ Pyrite vein (1 cm).</p> <p>31.7 - 32.75 - late - 0-5° divergent Qtz-MoS₂-Pyrite vein (white) 20 offshoots at 2 mm.</p> <p>Stockwork of similar veins at 20-40° (1cm) grey.</p> <p>32.8 - Groundmass green aphanitic. Porphyritic texture accentuated.</p> <p>33.4 - White Qtz Sericite vein (2 cm) at 70° with pyrite 1 mm on selvage. Sericite pervasive.</p> <p>- 65° Quartz vein (MoS₂ low) at 5 mm with sericite pervasive. distinguished from gray 28° MoS₂-Py-Qtz veins at 4 mm. No alteration.</p> <p>33.0 - 2 cm white Qtz-MoS₂-Pyrite with MoS₂ central to vein at 35°</p> <p>34.3 - large MoS₂ white Qtz veins with MoS₂ spotty. Stockwork produces evenly distributed dissemination of MoS₂</p>
32				10	100	61234	.20	.042																		
34				18	95	61235	.25	.027																		
36				13	100	61236	.30	.088				10														
38				17	107	61237	.50	.053				10														
40				14	100	61238	.60	.036				8														
42				22	103	61239	.30	.041				3	2													
44				20	100	61240	.05	.076				4														
46				20	102	61241	.20	.023				8														
48				12	100	61242	.25	.007				3	1													
50				13	98	61243	.10	.036				4	2													
52				13	101	61244	.10	.025				4	5													
54				10	100	61245	.25	.024				3														
56				7	100	61246	.05	.006				9														
58				6	100	61247	.15	.104				16														

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA							VEINS						% MINERALS				NOTES		
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb					K-Feld	Biotite		Musc	
																										34.3 - 36.8 - Purple-Brown Hornfelsic Greywacke - fine grained feldspathic, greasy with biotite barely recognizable =20%. Spotted feldspathic texture locally. 34.3 - 20% white quartz veins with pyrrhotite MoS ₂ disseminated as massive clusters. Vein irregular, anastomosing. 34.3 - Qtz MoS ₂ veins parallel to core axis up to 3 cm with MoS ₂ coarsely disseminated on selvages and central fractures parallel to vein. Pyrrhotite massive locally. 20° 4 mm veins related cut earlier dark gray 2 mm Qtz MoS ₂ veins. 20° Qtz Feldspar MoS ₂ veins cut white MoS ₂ veins along with 10-20° MoS ₂ Pyrite fractures. Locally epidote and garnet developed. 36.8 - 38.8 - Lt. Green Quartz Feldspar Porphyry. fine grained groundmass. - 2 mm white feldspar phenocrysts and white anhedral Qtz eyes in a biotite (<1-5%) Qtz feldspar groundmass. - Qtz-MoS ₂ Pyrrhotite veins (1 cm) at 10-30° (x3) 37.5 - 38.0 - Aplite vein 10° Garnet disseminated 25% in with mafics. 38.5 - numerous 5 mm Qtz MoS ₂ veins at 10-30°. Pyrrhotite on vein selvage. 38.8 - 46.5 - Purple-Black Hornfelsic Argillite Minor Graywacke. Fine grained purple-silver sheer of fresh surface. Limy beds altered to diopside-garnet, sandy beds appear spotty. early - 20° gray MoS ₂ Qtz vein (1 mm) late - 20° - 70° MoS ₂ Pyrite veins (numerous) 1 cm - 2 mm (8lm) later - pyrite-pyrrhotite on fractures (1 mm) 40.0 - 42.0 - MoS ₂ Qtz stringers (x4) & MoS ₂ Pyrrhotite veins 1 - 2 cm MoS ₂ low - small MoS ₂ stockwork on fractures. Pyrrhotite interstitial. early - 35° (5° offshoot) Qtz-MoS ₂ sericite late - 65° Qtz MoS ₂ vein.

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS			NOTES				
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	K-Feld	Biotite	Musc						
																								42.0 - 44.0 - Patchy white-gray granular MoS ₂ -Qtz veins. MoS ₂ disseminated coarsely,Pyrrhotite - dk green sericite patchy in vein >1 cm at 70 & 20° (x5) - 1 cm porphyry dyke. MoS ₂ -Garnet Sericite disseminated = 5% (35°)
																								46.3 - 62° 3 mm white massive Qtz MoS ₂ vein. MoS ₂ on selvage and central to vein.
																								46.5 - 47.9 - Silicified, sericitized Qtz-Feldspar Porphyry - very fine grained green gray groundmass Qtz eye up to 2 mm. White euhedral feldspar less prominent. Garnet disseminated in large 2 - 5 mm crystals - biotite very fine grained <1% as flakes disseminated sparsely. Molybdenite rosettes locally in high angle milky irregular quartz veins - Pyrrhotite sericite ± MoS ₂ in gray regular 30-40° quartz vein (3 mm) - Stockwork weakly developed with sericite pervasive providing lt green pearly cast. Veins up to 1 cm with qtz stringer at 5°.

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS			NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb					K-Feld	Biotite
																							52.10 - 66.8 - Silicified Subporphyritic Biotite Granite. Locally dark grey -pyrrhotized with Biotite up to 30%. Quartz feldspar interstitial equigranular. Dominantly silicified, lt green-white mosaic of quartz feldspar - numerous large low angle qtz-pyrrhotite-pyrite-MoS2 - sericite veins. 1-2 cm vein locally with sphalerite on selvage, MoS2 pervasive rosettes. Locally pyrrhotizing and sericitizing host. late - low angle gray 1 mm regular quartz vein. early - 10 cm qtz vein white, MoS2 disseminated low.
																							52.0 - 66.8 - High angle quartz sericite veins, pyrite disseminated sericite pervasive - white massive Qtz-MoS2-Pyrite at 10-70° 1 cm - 5 cm. High pervasive silicification. MoS2 locally as rosettes up to 4 mm. - numerous 1-2 mm gray regular qtz veins. Small stockwork locally generally barren locally. Pyrrhotite disseminated high locally with biotite.
																							53.0 - 5° qtz sericite MoS2 vein with high pervasive sericitization MoS2 higher on higher angle 1 mm gray qtz offshoot. Later 2 cm Qtz vein at 50°
																							61.5 - MoS2-Pyrite disseminated on offshoot fractures from white qtz. MoS2-Py veins. Locally feldspars developed on selvage. white.
																							62.70 - 0° 1 mm gray qtz vein early. High angle pyrite MoS2 on fracture late and 20° Qtz MoS2 white later.
																							63.30 - Shear with CO ₂ Qtz breccia and pyrite (galena) as thick paint of 20° shear surface.
																							62.0 - 64.0 - Groundmass white, feldspathized locally. High angle qtz sericite with biotite locally up to 10%.
																							64.5 - lower angle Qtz MoS2 pyrite veins with 1-2% sericite, coarse green and pyritization pervasive to vein.

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS			NOTES				
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb					K-Feld	Biotite	Musc
																								65.4 - MoS ₂ on shear fractures heavy as powder - smear.
																								66.7 - Pegmatitic feldspathic at 10 m locally. General lack of quartz veins
																								66.8 - 67.1 - Purple Hornfelsic Argillite - very fine grained, hard. - grey MoS ₂ Qtz Pyr Sericite veins (<1 cm) parallel to contact silicifying granite but not the hornfels. Pyrrhotite-Biotite disseminated finely.
																								67.1 - 67.3 - Subporphyritic Biotite Granite. Highly feldspathized mosaic of quartz-feldspar. Feldspathization appears to mask early quartz veining MoS ₂ on fractures outlining remnant of quartz vein.
																								67.3 - 71.80 - Purple Hornfelsic Argillite Minor Grey-wacke.
																								68.5 - Silicified hornfels, disseminated pyrite with high angle irregular 2 mm quartz vein
																								70.0 - 15° Qtz MoS ₂ pyr vein with coarsely disseminated MoS ₂ (2 cm) with lt green pervasive alteration.
																								69.0 - white Qtz MoS ₂ veins in local stockwork- apparently coeval.
																								69.5 -Boudined Qtz-MoS ₂ vein, white, at 60° and 1 cm
																								70.0 - 72.0 - white Qtz-MoS ₂ veins at 1 cm (21m)
																								71.4 - Porphyroblastic crystals, white, rounded aggregates?
																								71.80 - 93.0 - SubPorphyritic Biotite Granite - dominantly white-grey mottled. Pegmatitic feldspar (white) and grey quartz in linear patchy bands. Locally graphic. Streaming quartz veins (1 mm) silicified locally and low-high angle qtz sericite ± MoS ₂ FeS ₂ veins with sericite pervasive. Moderately pyritized and locally pyrrhotized with biotite in pegmatitic form.
																								73.0 - Pyritized in groundmass, pyrite heavy on

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS				NOTES								
	LITH.	BEDDING	FAULTS	NUMBER PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb						K-Feld	Biotite	Musc				
																													98.4 - 108.5 - Purple Hornfelsic Argillite. Minor Greywacke. Quartz vein 75% over 2 m interval, white massive at 50-60°. Minor MoS ₂ veins up to 1 metre. Spotted Hornfels. Elongate-Qtz Feldspar crystal aggregates. 10 cm Limy diopsidic skarnified bed. Garnet = 1% - 103.6 Qtz MoS ₂ veins at 50 - 60° are highly sericitized, mineralized with MoS ₂ -Pyrite - Pyrrhotite in stringer and fractures adjacent to veins.
																													108.5 - 110.7 - Subporphyritic Biotite Granite - white-grey mottled medium-coarse grained pegmatitic mosaic of quartz (dk grey) and feldspar (white). Locally dark grey quartz interstitial to flowery, elongated, dendritic feldspar with quartz graphic. Moderately pyritized = .5%. Pyrite sericite on 65° fractures. Clear calcite up to 1 mm on 15° fractures. Qtz Sericite white quartz vein at 75° (sericite pervasive) later than 30° white irregular Qtz MoS ₂ -Pyrite vein.
																													110.7 - 114.06 - Purple Hornfelsic Argillite. Massive no bedding silver-purple sheen on fresh surface. Very fine grained. Qtz MoS ₂ veins parallel to core axis ± pyrite. High angle Qtz, pyrrhotite veins ± MoS ₂ -ZnS-pyrite and locally scheelite as coarse 2 mm crystals. These veins are later than MoS ₂ veins @ 0°. Sericite coarse, phlogopitic locally in high angle veins.
																													114.06 - 114.5 - Quartz Feldspar Porphyry. Qtz and feldspar phenocrysts up to 25% and 3 mm. Lt grey off white fine grained groundmass, moderately pyritized. biotite < 1%.
																													114.5 - 115.75 - Purple Hornfelsic Argillite. CO ₃ epidote Lt. green on low angle sheer fractures. Quartz-Feldspar-MoS ₂ veins @ 114.7 65° and 1 cm white Qtz-MoS ₂ veins at 45° along with 15° lge MoS ₂ -Pyrite.

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb.	Qtz Py MoS ₂	Qtz Po MoS ₂	Qtz Po	K-Feld	Biotite	Musc	Py		Po		
138				20	85		61039	.04	.010						2			5		.1	1.0					137.4 - 138.4 - Hybrid Equigranular-Pegmatitic Subporph.- Biotite Granite & Qtz Feldspar Porphyry - gradational between fine grained equigranular biotite granite to lt. green quartz feldspar Porphyry.
140				20	105		61040	.15	.055						4			10	tr	.1	.30					138.4 - 150.9 - Quartz Feldspar Porphyry. Lt green-gray fine grained groundmass. 20% Qtz-feldspar Phenocrysts.
142				20	110		61041	.20	.174			1			4			10	.5	1.0	1.5					138.4 - 140.0 - large qtz veins barren and numerous. White crinkly qtz veins + feldspar.
144				20	101		61042	.25	.424			1			2			10		2.0	3.0					Porphyry groundmass locally aphanitic. lt. green-creamy.
146				20	88		61043	.01	.120						1			10		5.0	2.0					141.8 - Later Pegmatitic Biotitic dykelet = 2 cm. Fault Highly argillized, coarsely pyritized adjacent to 2° Qtz MoS ₂ Pyrite vein.
148				16	100		61044	tr	.008						5			10		5.0	2.0					140.0 - 140.8 Argillization on fracture surfaces, throughout.
150				20	100		61045	.20	.254			2			4			5	.05	10	2.0					Fault at 144 - 146 MoS ₂ .55 mm thick on 0-5° shear fractures. Pyrite in 1 mm cubes locally.
152							61046		.044									5		10	1.0					Feldspar phenocrysts completely argillized adjacent to fractures. Groundmass light green sericitized. Locally friable.
154							61047		.076											10	2.0		60			148.4 - Sericite thick (lt green) or high angle fracture - Feldspar phenocrysts argillized slightly throughout.
156																										150.9 - ? - Equigranular biotite Granite - light green fine grained sericitized heavily soft to a knife blade.
158																										151.3 - Sericite-MoS ₂ rosettes. at 50° + Pyrite and Hyd. Biotite? 15° MoS ₂ Qtz Py vein. MoS ₂ as 1 - 2 mm rosettes 5% of vein.
160				20	90		61048	.10	.200			2		4	1		6	5		20	1.0					152.4 - Fault Friable sericite pyrite altered granite. Calcite in bits of recovered core up to 90%. Pyrite in large clots, balls.
162				20	98		61049	.04	.026						5			5		20	1.0					
164																										? - 162.45 - Quartz Feldspar Porphyry. Lt green highly sericitized groundmass, fine grained. MoS ₂ on 40° fracture, coarse. MoS ₂ disseminated locally in groundmass at 161.8. Feldspars soft,

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS			NOTES	
	LITH.	BEDDING	FAULTS	NUMBER PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	K-Feld	Biotite	Musc			
																					argillized phenocrysts, white = 5% 162.45 - 164.8 - Subporphyritic Biotite Granite - medium grained dk-lt grey mottled. Mosaic intergrowth of white feldspar, dk grey quartz. Pyritized - 1%. Locally disseminated MoS ₂ and MoS ₂ Pyrite on numerous hairline fractures. Fractures (high angle) w/pyrite - clay minerals. Locally sericite on fractures at high angle.

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS			NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb					K-Feld	Biotite
																							177.9 - 15° vuggy white massive Qtz-MoS2 Pyrr vein
																							179.0 - 186.7 - Highly sericitized, argillized.
																							Pyrite as large dissemination along qtz veins
																							fracture. Groundmass Lt. green soft. Vuggy
																							Qtz-pyrite veins and MoS2 on 50° shears.
																							MoS2 - Sericite on shear fractures. CO ₃ -Pyrite on
																							tension fractures.

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DEPTH METRES	GRAPHIC LOG					ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES		
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.		SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Corb	Qtz Py MoS ₂	Qtz Po MoS ₂	Qtz Po	K-Feld	Biotite	Musc	Py		Po	
182																									184.9 - 28° MoS ₂ Qtz veins later than felsite fragmentation in subporphyritic Qtz-Feldspar- veins 1 - 2 mm grey
184					> 20	2092.5	61088	.08	.016									10	tr	1.0	1.0	-		187.7 - 189.5 - Quartz Feldspar Porphyry - lt. green fine grained groundmass. Locally, Qtz and feldspar phenocrysts crowded up to 60%. Appears gradational to subporphyry. Pyritized = <1% with disseminated MoS ₂ locally.	
186						1892.5	61089	.08	.026									2	2						188.4 - Pyrite MoS ₂ on 70° dry fracture (tension) Pyrite on 30° fracture.
188						20	100	61090	.05	.054								10	tr	tr	1.5	-			189.5 - 191.7 - Subporphyritic Biotite Granite. White feldspar interstitial to Qtz anheda (1 mm) grading to phenocrysts and a crowded porphyry. Locally sericitized green, fine grained with disseminated MoS ₂ . Numerous Qtz-pyrite ± MoS ₂ gray 1 mm stringers.
190						14	102	61091	.08	.058		1						10	tr	tr	1.5	-			190.1 - Qtz MoS ₂ Pyrite, vein, white at 15° and 3 cm. Sericite Pervasive to .5 cm similar veins.
192						16	102	61092	.15	.075		1	1					10	tr	1.0	1.0	-			191.7 - Fractures appear like "stylolites" in appearance. MoS ₂ 5 mm thick on surface, shear?
194					> 20	98	61093	.10	.050				1					5	.5	1.0	1.0	.05			191.7 - 193.0 - Equigranular Biotite Granite.
196						17	90	61094	.10	.015								10	tr	1.0	1.0	-			192.0 - 193.0 - Lt. grey altered, very soft. anhydrite alteration? Shear fractures argillized. Fine grained feldspar barely visible, white. MoS ₂ Pyrite disseminated in linear bands.
198						22	94	61095	.05	.015			1					5	tr	tr	1.0	-			193.0 - 195.8 - Subporphyritic Granite - biotite up to 50% in linear bands (3 cm). Generally devoid of biotite, Qtz-feldspar in angular mosaic (2 mm max) Graphic locally. Pyrrhotite and Qtz-Pyrrhotite vein associated with Biotitic bands.
200						16	100	61096	.05	.050								5	tr	1.0	1.0	-			195.8 - 201.65 - Crowded Porphyry - white, lt green fine-med grained, mosaic of angular feldspar - quartz. Feldspar appears interstitial. Pegmatitic appearance locally.
202						12	98	61097	.06	.019				1				5	tr	tr	1.0	-			196.5 - Galena Sphalerite, Pyrite, in 60° vein adjacent to zone of lt. grey soft alteration (anhyd?).
204						12	100	61098	.08	.022		1	2					5	1.0	-	1.1	tr			

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA							VEINS							% MINERALS			NOTES				
	LITH.	BEDDING	FAULTS	NUMBER OF PLACES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂					Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb				K-Feld		Biotite	Musc		
																												fractures and .5 - 1 cm white to gray veins at 10 - 70° dominantly 40 - 45°. 70° Qtz MoS ₂ veins with sericite on selvage and pervasively later than 5° Qtz-Pyrite stringer ± MoS ₂ .
																											213.0 - 214.9 - Crowded Porphyry - 2 mm subhedral quartz and feldspar interlocking in a lt. grey-white mosaic. While 1 cm quartz veins at 1 cm (x2) and 40° with sericite on selvage and argillized fractures adjacent.	
																											214.9 - 215.4 - Equigranular Pegmatitic Biotite Granite.	
																										215.4 - 220.3 - Mirolitic Alaskite - white med-fine grained angular quartz and Feldspar. Mirolitic cavities up to 10% with 3 mm maximum width. Qtz crystals in the cavities locally. Lt green soft mineral filling cavities up to 1%. Possible sericitization of Fspar. Qtz-Pyrite-MoS ₂ stringers numerable at 20 - 50°. MoS ₂ disseminated locally.		

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AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DEPTH METRES	GRAPHIC LOG				ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES		% REC.	SAMPLE NO AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	q py MoS ₂	q po MoS ₂	q po	K-Feld	Biotite	Musc		Py	Po	
220																								220.0 - Sericite-MoS ₂ , soft up to 2 cm thick, MoS ₂ like paste, sericite soft, friable.	
222				12	100	79 HRT 887	.05	.058					1		10				5	tr	tr	1.0	-	220.3 - 228.15 - Equigranular Pegmatitic Biotite Granite. Qtz MoS ₂ Pyrite stringers, dry fractures numerous.	
224				16	100	888	.08	.026	1	3		2	4		2				5	2	0.1	0.1	0.1	-	221.4 - Dacite Porphyry. 2 mm along 0° irregular fracture.
226				16	101	889	.05	.018		1					5				5	2	0.1	0.1	0.15	-	222.2 - Pyrite massive on fractures, irregular dist'n. - Sericitized zone, 20 cm with disseminated MoS ₂ . Hairline fractures with MoS ₂ as thick paint. Sericitized zones with Biotite absent.
228				12	101	890	.04	.015	1	2					8				5	2	0.2	0.1	0.1	-	Biotite locally up to 1 mm.
230				9	100	891	tr	.015	2	4	1				2				5	2	0.2	0.05	tr	-	226.90 - Subporphyritic medium gray mottled, medium grained section. Sericitized zone separates this texture from biotite granite.
232				11	100	892	tr	.012		5									8	1.5	2	0.1	0.1	tr	228.15 - 228.60 - Mafic Dyke - very fine grained dark gray with red and green (soft) phenocrysts along with white - prismatic phenocrysts? Highly magnetic.
234				20	100	893	.01	.006	3		1				2				4	0.2	0.2	0.1	0.15	tr	228.6 - 231.5 - Equigranular pegmatitic Biotite Granite. fine-med grained, porphyritic locally with biotite
236				10	100	894	.04	.010	3		2				4				5	0.3	0.1	0.1	0.1	tr	2 - 5%, irregular distribution. Numerous hair-line fractures with pyrite. Little MoS ₂ Pyrrhotite
238				14	100	895	.01	.011	2						3				8	0.1	0.2	0.1	0.1	tr	on veins and disseminated <1%? Larger Qtz veins with white fspar on selvages.
240				10	100	896	tr	.006		2	1				1				5	0.2	0.2	0.1	0.1	0.05	231.5 - 242.85 - Subporphyritic Pegmatitic Granite. Local +
242				8	100	79 HRT 897	.05	.056	2			2							3	0.1	0.1	0.1	0.1	tr	ly coarse grained - grey mottled with angular Qtz + biotite fspar intergrowth. Generally med grained biotite granite <1%. High angle fractures sericitized pervasively
																								equi-	
																								gran. 233.0 - 18 cm Qtz-MoS ₂ -Sericite vein. Sericite pervasive.	
																								233.7 - Dark grey silicified zone (20 cm) with pyrite disseminated up to 2%.	
																								235.0 - White 7 cm irregular quartz feldspar pegmatitic vein.	
																								235.5 - 7 cm white Qtz MoS ₂ sericite vein.	
																								* subporphyritic medium grained rock grades imperceptibly into a fine-med grained biotite granite.	

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DDH TW 79-2
SHEET 24 OF 31

DEPTH METRES	GRAPHIC LOG					ASSAY DATA				VEINS							% MINERALS					NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	py	pd	po	K-Feld	Biotite	Musc		Py	Po	
																									MoS ₂
242				16	100		79 HRT 898	tr	.012																242.85 - 245.05 - Hornfelsic Greywacke - purple fine grained. Biotite locally up to 2 mm elongated and parallel to foliation. 25° Qtz MoS ₂ veins at 70 and 80°
244				15	115		899	tr	.008																243.0 & 244.4 - Porph-Pegmatic dykes at 65° and 10 cm.
246				17	110		900	tr	.005																245.05 - 246.9 - Feldspar Porphyry - white euhedral feldspar phenocrysts up to 4 mm. Quartz Phenocrysts up to 2 mm. dark grey in a fine grained med gray groundmass. Phenocryst 40% groundmass moderately pyritized.
248				12	100		901	.01	.006																245.5 - 246.2 - Highly sericitized. Lt green pearly, soft. Quartz veining and/or silicification, white, irregular. MoS ₂ disseminated locally.
250				15	95		902	.01	.014																246.9 - 250.0 - Subporphyritic pegmatitic granite + Biotite Granite, angular quartz and feldspar boundaries. Biotite associated with fine-med equigranular Qtz and Fspar
252				16	98		903	tr	.006																247.2 - PbS-ZnS pyrite-Pyrrhotite vein at 80° Qtz-Sericite vein at 25° and .5 cm with sericite-pyrite pervasive. 15° Qtz Pyrite stringers bleached pervasively at 149.0.
254				11	100		904	/	.001																250.0 - 251.3 - Mirolitic Alaskite - white fine-medium grained (bleached?). Highly sericitized argillized(?). Mirolitic cavities 2 mm up to 20%. Locally massive Pyrite on fractures. Extremely crystalline on fresh surface, 100% Qtz feldspar-sericite.
256				10	100		905	tr	.002																251.3 - 268.95 - S ubporphyritic Granite+ Biotite Granite mottled grey, medium grained, Highly sericitized moderately pyritized locally. Garnets disseminated<<1% locally. Biotite highly erratic, locally in large clots up to 3 mm, pegmatitic.
258				21	100		906	tr	.003																Pyrrhotite in trace amounts in groundmass. Qtz-Feldspar locally become very coarse, pegmatitic.
260				16	100		907	.04	.020																
262				18	100		908	tr	.002																
264				11	100		909	tr	.003																
266				11	95		910	/	.001																
268				9	102		911	/	.001																
270																									

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TIDEWATER PROPERTY

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS					NOTES		
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	q py MoS ₂	q po MoS ₂	q po	K-Feld	Biotite	Musc		Py	PO
270					19	102	79 HRT 912	/	.002															<p>269.20 - 282.7 - HYBRID SUBPORPHYRITIC - BIOTITE - PORPHYRITIC GRANITE - gradational fine-med grained biotite to biotite free subporphyritic mottled granite. Dark-red gray with numerous pegmatite veins. Numerous high angle veins and fractures with sericite pervasive, to a lt-med green fine grained pearly texture. Biotite distribution erratic. Garnet disseminated locally up to 1%. - sericite on shear fracture, light green soapy 273.8 - sphalerite-pyrite vein with dark grey fine grained silicification, sericitization. Density up to 2/m: MoS₂ disseminated pervasively with galena(?) and garnet. pegmatite veins with pyrite MoS₂ disseminated 3/m Low angle fractures with CO₃ filling. 277.3 - 282.3 - dark grey-green alteration adjacent to numerous q-py-sp⁺galena veins. Feldspar argillitized intensely sericitized adjacent to sphalerite-pyrite veins. MoS₂ locally disseminated pervasively. Locally in highly altered zones, sphalerite and galena(?) disseminated pervasively and on quartz stringers at low angles.</p>
272					13	102	913	tr	.001															
274					15	99	914	tr	.001						2									
276					18	105	915	tr	.002						2									
278					20	95	916	tr	.001						2									
280					18	102	917	tr	.001															
282					7	100	918	/	.001															
284					12	100	919	/	.001															
286					20	105	920	tr	.006															
288					20	100	921	/	.008															
290																								<p>282.7 - 284.75 - DACITE PORPHYRY - fine grained dark green groundmass with biotite-feldspar up to 10% Feldspar phenocrysts euhedral up to 1 mm maximum. Highly magnetic.</p> <p>284.75 - 286.40 - EQUIGRANULAR BIOTITE - GRANITE - medium grained biotite up to 5% white. Quartz-feldspar locally subporphyritic-crowded porphyritic with biotite erratic up to 10%. 285.0 - pyrite disseminated pervasive to high angle fracture up to 5%. Quartz-feldspar pegmatite with feldspar as laths. Sericite pyrite on fracture. - biotite up to 10% in bands vein like. - pyrite cubes disseminated on fractures up to 2 mm.</p>

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TIDEWATER PROPERTY

TW 79-2
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DEPTH METRES	GRAPHIC LOG			% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS					NOTES		
	LITH.	BEDDING	FAULTS NUMBER OF			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	q po MoS ₂	q po MoS ₂	q po	K-Feld	Biotite	Musc		Py	PO
296				12 625		79 HRT 922	/	.001									20	10	?	tr	tr	290.6 - 293.5 - Subporphyritic - Porphyritic Granite. Extremely argillized, soft, friable. Lt. green-white with some visible quartz veining ± pyrite. Less argillized and slightly brecciated, towards lower contact w/ sediments.	
292				12 55		923	tr	.004									10	-	-	tr	-	293.5 - 294.0 - Green Quartzite - medium grained, bright green with epidote(?) interstitial to quartz grains interlocking 4 mm grains and foliated Bright green grains up to 4%. Brecciated with Qtz MoS ₂ vein cut and displaced. Cut by granitic-pegmatitic dikelet.	
294				13 102		924	tr	.006				4					10	10	?	tr	.5	294.0 - 295.5 - Hornfelsic Greywacke - purple medium grained feldspathic, granoblastic. Gradational from bright green quartzite. 10° Qtz MoS ₂ vein cut by 10° fracture, bleached pervasively. 15° Quartz veins and 70° Quart-Pyrite veins also. 15° Quartz veins with pervasive bleaching.	
296				19 100		925	.01	.003									10	-	-	tr	.5	294.0 - 295.5 - Hornfelsic Greywacke - purple medium grained feldspathic, granoblastic. Gradational from bright green quartzite. 10° Qtz MoS ₂ vein cut by 10° fracture, bleached pervasively. 15° Quartz veins and 70° Quart-Pyrite veins also. 15° Quartz veins with pervasive bleaching.	
298				12 105		926	/	.004									10	-	-	tr	tr	294.0 - 295.5 - Hornfelsic Greywacke - purple medium grained feldspathic, granoblastic. Gradational from bright green quartzite. 10° Qtz MoS ₂ vein cut by 10° fracture, bleached pervasively. 15° Quartz veins and 70° Quart-Pyrite veins also. 15° Quartz veins with pervasive bleaching.	
300				16 100		927	tr	.002									10	-	.1	tr	.10	294.0 - 295.5 - Hornfelsic Greywacke - purple medium grained feldspathic, granoblastic. Gradational from bright green quartzite. 10° Qtz MoS ₂ vein cut by 10° fracture, bleached pervasively. 15° Quartz veins and 70° Quart-Pyrite veins also. 15° Quartz veins with pervasive bleaching.	
302				23 101		928	tr	.002									10	-	.1	.1	.10	295.5 - 295.8 - Dk. Green Quartzite - soft medium grained quartz and epidote(?) granoblastic, foliated.	
304				20 100		929	/	.001									10	-	.1	.2	.10	295.8 - Hornfelsic Greywacke - purple fine-medium grained granoblastic with feldspathic fragments up to 2 cm. Locally light brown very fine grained (tuffaceous?). Numerous slip surfaces with CO ₃ filling. Numerous < 1 mm gray stringers ± MoS ₂ ? at low angles.	
306				20 90		930	tr	.004									10	-	3.0	5.0	2.0	tr	301.0 - Qtz vein, massive white at 3 cm with sericite on selvages. MoS ₂ locally in pervasive, yellow earlier than white 1 mm Qtz stringer.
308				12 100		79 HRT 931	/	.001									10	-	.1	.1	tr	302.6 - Biotite visible up to 1 mm locally in hornfels chert fragments = 1% also. Hornfels softer than knife blade. High angle Qtz Pyrrhotite-Pyrite veins later than 15° Qtz MoS ₂ vein, white at .4 cm.	
310																						304.5 - garnet on selvage of Qtz Pyrite vein -65° 306.7 - 307.2 - highly sericitized graywacke. Lt. green. Broken up with CO ₃ - pyrite on fractures. Fault?	

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DDH TW 79-2
SHEET 29 OF 31

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS					% MINERALS				NOTES						
	LITH.	BEDDING	FAULTS NUMBER OF PIECES				SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Corb				K-Feld	Biotite	Musc			

308.0 - Grain size increases gradationally. decreases within 50 cm. Quartz Pyrite stringers at low angles are sericitized pervasively. Grey Qtz stringers ± MoS₂.

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SHEET 30 OF 31

DEPTH METRES	GRAPHIC LOG				ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS										
	LITH.	BEDDING	FAULTS NUMBER OF PIECES	% REC.		SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Corb	q py MoS ₂	q po MoS ₂	q po	K-Feld	Biotite	Musc	Py	Po			
310																											311.7 - Qtz Sericite veins with Pyrite sericite pervasive at 65° and 3 mm.
312						79 HRT 932	tr	.001							7											314.10 - 315.3 - Hornfelsic Argillite. fine grained black to brown. Contact sharp hand sample at 314.10 but very gradational at 315.3 meters.	
314						933	tr	.002																		314.3 - 37° Qtz vein, white massive, later than 10 cm banded composite Qtz-Pyrite sericite vein at 35°.	
316						934	tr	.024																		* Hornfels softer than knife blade. - 53° fracture later 37° Qtz vein - 35° Qtz Pyrite.	
318						935	/	.002																		315.10 - Qtz minor MoS ₂ vein, 5 cm white massive at 20°	
320						936	/	.002																		315.3 - 317.2 - Hornfelsic Greywacke - quartz veining ceased with coarser sediments. Lithologic preference? Greywacke purple-brown, biotite up to 15%.	
322						937	.02	.006																		317.2 - 317.5 - Skarn Dark green, patchy, medium grained Diopside + garnet + sericite (?)	
324						938	/	.005																		317.5 - 324.35 - Hornfelsic Greywacke - softer than knife blade. Purple, biotites foliated up to 15% CO ₂ on fractures. Some shears with sericite, little quartz veining.	
326						939	.01	.008																		321.1 - 4 cm composite Quartz MoS ₂ pyrrhotite sericite vein at 70°. Pyrite locally also on selvage. Vein irregular. Sericite pervasive. Minor argillite-siltstone locally.	
328						940	.01	.006																		324.35 - 324.75 - Skarn - Dark Lt green and orange garnet Diopside skarn. Medium grained granoblastic. Very hard.	
330						941	.01	.001																		Qtz MoS ₂ veins, gray .5 cm x 2 on at 0 - 5°	
332						942	/	.001																		324.75 - 329.3 - Hornfelsic Greywacke.	
334						943	/	.016																		326.5 - large white 5° MoS ₂ -Pyrrhotite-Sphalerite vein, locally with breccia fragments and fractures with chlorite-sericite.	
336						79 HRT 944	/	.010																		329.3 - 329.6 - Skarn - Dark green diopsidic. Quartz-scheelite vein at 65°	
337						334-337.1	.02																				
End																											

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TIDEWATER PROPERTY

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA							VEINS							% MINERALS				NOTES	
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂				Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb					K-Feld	Biotite		Musc
																										329.6 - 331.6 - Hornfelsic Argillite - Greywacke - grain size gradational, bedding not discernible.
																										329.8 - 3 Qtz Pyrrhotite MoS ₂ veins with sericite pyrrhotite pervasive. Feldspathic fragments 5 mm locally elongated.
																										331.6 - 331.9 - Skarn - dark-lt green diopsidic. White massive Quartz Vein at 62°. Lithological preference for veining?
																										331.9 - ? - Hornfelsic Greywacke Minor Argillite.
																										332.9 - Low angle qtz pyrite stringer with yellow alt. Halo later than Grey high angle qtz stringer which is later than white . 5cm qtz pyrite vein at low angle.

DIAMOND DRILL RECORD

PROPERTY TIDEWATER Project Number 971

Hole No. TW 79-2 Co-ordinates _____ Bearing at Collar -

_____ Dip at Collar -90°

Collar Elevation 573 m Commenced Drilling October 21, 1979

Total Depth 337 m Completed Drilling November 10, 1979

Logged By: D. Fleming

Core Size NQ 0-168; BQ 168-337 Coring Method _____ Drilling Contractor Connors Drilling

<u>Survey Summary</u>				<u>Pertinent Assay Data</u>		<u>Pertinent Geology</u>	
Depth	Dip	Bearing	Method	Interval	% MoS2	Interval	Rock Type
				3 - 34 m (31 m)	0.026%	0 - 3 m	Overburden
				34 - 116 (82 m)	0.040	3 - 34	Quartz monzonite, quartz feldspar
				116 - 152 (36 m)	0.078		porphyry
				152 - 160 (8 m)	0.076	34 - 116	Hornfels, quartz monzonite dikes
				160 - 224 (64 m)	0.042	116 - 152	Quartz monzonite
				224 - 286 (62 m)	0.008	152 - 160	Fault
				286 - 337 (51 m)	0.005	160 - 224	Quartz monzonite
						224 - 286	Quartz monzonite
						286 - 337	Hornfels.

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

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SHEET 1 OF 31

DEPTH METRES	GRAPHIC LOG					ASSAY DATA				VEINS										NOTES									
	LITH.	BEDDING	FAULTS NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂				Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	Qtz Py MoS ₂	Qtz Py MoS ₂		Qtz Py MoS ₂	K-Feld	Biotite	Musc	Pyrite	Pyrrho			
2																													
4																													
6			10	85		61220	.01	.011				3																	
8			7	20	94	61221	.02	.014				2	6																
10			7	20	100	61222	.05	.038				3	2	2		2													
12			7	20	100	61223	.02	.010				4	3			1													
14			21	107		61224	.04	.032				6	3			2													
16			15	97		61225	.02	.005				10	2																
18			9	100		61226	.05	.008					2																
20			11	100		61227	.10	.032				4																	
22			9	100		61228	.10	.016				6	1	1		1													
24			4	100		61229	.20	.088				2	2																
26			6	100		61230	.20	.038				2	2	2															
28			9	98		61231	.25	.018					1																
30			11	97		61232	.30	.020					2	2															
			12	97		61233	.25	.016							1														

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3.05 - 14.2 - Silicified-Quartz Feldspar Porphyry - Felsite, white feldspar phenocrysts (1-2 mm) = 10% with euhedral quartz phenocrysts, gray (1-2mm) = 10% Groundmass lt gray-green aphanitic highly sericitized, silicified. Sericitization, and silicification produce mottled and banded textures. Pyrite disseminated >5% locally - early - highly silicified by low angle milky quartz vein stockwork. (barren) up to 1 cm in width. - late - Qtz sericitic vein, vuggy, white at 52° and 5 cm in width.

3.7 & 5.9- Qtz MoS₂-Py-Feldspar veins at 10°-30°. MoS₂ pyrite coarsely disseminated along selvage.

5.1 - Pyrite filling numerous discontinuous fractures parallel core axis - Porphyry highly siliceous, pyritized. Some MoS₂ diss on fractures with Pyrite - numerous Qtz-Pyrite veins, banded fracture composites up to 1 cm at 50°.

7.0 - early - 25° Qtz MoS₂ Pyrite stringer veins (x2) 52° MoS₂ stringers also (x2) - late - 70° 2 mm Qtz (MoS₂ low) vein, grey. - high angle Qtz Pyrite sericite veins, sericite dk green gray - phlogopitic.

7.0 - Bleaching on crosscutting veins - sericitization on high angle fractures.

8.4 - Silicification extreme. Nature of original texture completely masked, mottled. Banded texture due to wormy nature of qtz & feldspar and to aplitic bands.

9.3 - Silicification-sericitization extreme. Galena-sphalerite-Pyrite disseminated in bands up to 5 cm. PbS-ZnS-FeS₂ veins at 80°.

10.0 - numerous stockwork fractures, qtz filled <1 mm. Bleached pervasively.

11.4 - MoS₂-Qtz Pyrite vein (5 mm) at 20°. MoS₂ diss. heavily on selvages, central fractures. -

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DDH TW 79-2
SHEET 2 OF 31

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS				NOTES				
	LITH.	BEDDING	FAULTS NUMBER	PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb						K-Feld	Biotite	Musc
																									- Pyrrhotite locally on fracture voids - small fractures showing stockwork with bleached haloes. 11.8 - MoS ₂ -Py-Qtz veins at 15° up to 4 mm. Also grey 1 mm stringers with finely disseminated MoS ₂ . Qtz-Feldspar-Pyrite vein also at 15° - sericite coarse, green on fractures at high angle 13.5 early - Qtz Pyrrhotite vein (3 mm) at 40° late - +5 Qtz vein (80°) barren in 10 cm. 14.2 - 34.3 - Silicified-Sericitized Subporphyritic biotite Granite - med dark gray medium grained with biotite as 1 - 2 mm individual flakes varying from 1 - 50%. Locally medium grained mosaic of Qtz and white feldspar (euhedral) as crowded porphyry(?) Generally dk-med gray, fine grained silicified with biotite < 5%. Pyrrhotite = 1% 14.4 - dk gray pyrrhotized. 70° Qtz Pyrh sericite vein. 14.6 - Garnet disseminated in dk gray bands. = 2% locally. 15.2 - 30-60° Qtz Feldspar pegmatitic veins up to 5 mm. Small Pyrite MoS ₂ stringer are later. Also small Qtz Pyrite stringers are present with bleached haloes - Biotite < 5% disseminated with pyrite in dk grey groundmass. 15.5 - Biotite disseminated up to 20%. Plates unoriented < 2 mm. Garnet also < 1%. Silicified dk grey mottled groundmass. 16.4 - Qtz-Feldspar pegmatite vein up to 10 cm at high angle, early with later qtz veins at 58°. Both veins with bleached haloes, 17.2 - MoS ₂ -Pyrite-Quartz stringers up to 2 mm at 20 - 30°. slightly irregular. - 60° Qtz Pyrrhotite vein (1 mm). 18.6 - Biotite disseminated up to 50% with 2 mm unoriented plates. 19.2 - 20.0 - MoS ₂ 1 mm thick on 25° fracture. early - 12° Qtz MoS ₂ Pyrite (x2) stringers cut by

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DEPTH METRES	GRAPHIC LOG				ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES					
	LITH.	BEDDING	FAULTS NUMBER OF PIECES	% REC.		SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	Qtz Pyr MoS ₂	Qtz Pyr MoS ₂	Qtz Pyr	K-Feld	Biotite	Musc	Pyrite		Pyrite Hb				
30																									<p>28.0 - 30.0 - Quartz-Feldspar interlocking texture persists. Feldspar = 60-70%, euhedral with gray quartz anhedral interstitial. Biotite spotty with percentage content = 5% associated with disseminated Pyrite. Locally (28.2) quartz dk grey dominant. Also locally feldspar 90% in response to veins.</p> <p>28.5 - MoS₂ - Pyrite Qtz stringer (1 mm max) parallel at about 35° (x5)</p> <p>early - 35° Banded MoS₂-Qtz-Pyrite vein (3 mm) MoS₂ on selvage and central to vein.</p> <p>late - 20° white Qtz vein MoS₂ Pyrite disseminated <<1% (1 cm).</p> <p>29.6 - 30.0 - Aplite vein at 12° Lt green sericitized cut by grey MoS₂ stringer (0°) - MoS₂ on dry fractures with pyrite-sericite.</p> <p>30.5 - 35° white quartz veins parallel (x5) at 1 cm - barren - numerous 20-35° grey quartz veins shear fracture filling. - 36° white Qtz-MoS₂-Pyrite down center of vein 1.5 cm.</p> <p>early - 0° irregular gray 1 mm quartz vein late - 26° white Qtz MoS₂ Pyrite vein (1 cm).</p> <p>31.7 - 32.75 - late - 0-5° divergent Qtz-MoS₂-Pyrite vein (white) 20 offshoots at 2 mm.</p> <p>Stockwork of similar veins at 20-40° (1cm) grey.</p> <p>32.8 - Groundmass green aphanitic. Porphyritic texture accentuated.</p> <p>33.4 - White Qtz Sericite vein (2 cm) at 70° with pyrite 1 mm on selvage. Sericite pervasive. - 65° Quartz vein (MoS₂ low) at 5 mm with sericite pervasive. distinguished from gray 28° MoS₂-Py-Qtz veins at 4 mm. No alteration.</p> <p>33.0 - 2 cm white Qtz-MoS₂-Pyrite with MoS₂ central to vein at 35°</p> <p>34.3 - large MoS₂ white Qtz veins with MoS₂ spotty. Stockwork produces evenly distributed dissemination of MoS₂</p>		
32			10	100		61234	.20	.042							4												
34			18	95		61235	.25	.027							7												
36			13	100		61236	.30	.088			10				8							1					
38			17	107		61237	.50	.053			10				3												
40			14	100		61238	.60	.036							8							4					
42			22	103		61239	.30	.041			3	2															
44			20	100		61240	.05	.076			4																
46			20	102		61241	.20	.023			8																
48			12	100		61242	.25	.007			1				3							4					
50			13	98		61243	.10	.036			2				4							2					
52			13	101		61244	.10	.025			5				4												
54			10	100		61245	.25	.024			3																
56			7	100		61246	.05	.006							9												
58			6	100		61247	.15	.104							16												

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS			NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb					K-Feld	Biotite
																							34.3 - 36.8 - Purple-Brown Hornfelsic Greywacke - fine grained feldspathic, greasy with biotite barely recognizable =20%. Spotted feldspathic texture locally. 34.3 - 20% white quartz veins with pyrrhotite MoS ₂ disseminated as massive clusters. Vein irregular, anastomosing. 34.3 - Qtz MoS ₂ veins parallel to core axis up to 3 cm with MoS ₂ coarsely disseminated on selvages and central fractures parallel to vein. Pyrrhotite massive locally. 20° 4 mm veins related cut earlier dark gray 2 mm Qtz MoS ₂ veins. 20° Qtz Feldspar MoS ₂ veins cut white MoS ₂ veins along with 10-20° MoS ₂ Pyrite fractures. Locally epidote and garnet developed. 36.8 - 38.8 - Lt. Green Quartz Feldspar Porphyry. fine grained groundmass. - 2 mm white feldspar phenocrysts and white anhedral Qtz eyes in a biotite (<1-5%) Qtz feldspar groundmass. - Qtz-MoS ₂ Pyrrhotite veins (1 cm) at 10-30° (x3) 37.5 - 38.0 - Aplite vein 10° Garnet disseminated 25% in with mafics. 38.5 - numerous 5 mm Qtz MoS ₂ veins at 10-30°. Pyrrhotite on vein selvage. 38.8 - 46.5 - Purple-Black Hornfelsic Argillite Minor Graywacke. Fine grained purple-silver sheer of fresh surface. Limy beds altered to diopside-garnet, sandy beds appear spotty. early - 20° gray MoS ₂ Qtz vein (1 mm) late - 20° - 70° MoS ₂ Pyrite veins (numerous) 1 cm - 2 mm (8lm) later - pyrite-pyrrhotite on fractures (1 mm) 40.0 - 42.0 - MoS ₂ Qtz stringers (x4) & MoS ₂ Pyrrhotite veins 1 - 2 cm MoS ₂ low - small MoS ₂ stockwork on fractures. Pyrrhotite interstitial. early - 35° (5° offshoot) Qtz-MoS ₂ sericite late - 65° Qtz MoS ₂ vein.

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA							VEINS							% MINERALS				NOTES	
	LITH.	BEDDING	FAULTS NUMBER OF PIECES				SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂				Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Corb					K-Feld	Biotite		Musc
																										42.0 - 44.0 - Patchy white-gray granular MoS ₂ -Qtz veins. MoS ₂ disseminated coarsely, Pyrrhotite - dk green sericite patchy in vein > 1 cm at 70 & 20° (x5) - 1 cm porphyry dyke. MoS ₂ -Garnet Sericite disseminated = 5% (35°)
																									46.3 - 62° 3 mm white massive Qtz MoS ₂ vein. MoS ₂ on selvage and central to vein.	
																									46.5 - 47.9 - Silicified, sericitized Qtz-Feldspar Porphyry - very fine grained green gray groundmass Qtz eye up to 2 mm. White euhedral feldspar less prominent. Garnet disseminated in large 2 - 5 mm crystals - biotite very fine grained < 1% as flakes disseminated sparsely. Molybdenite rosettes locally in high angle milky irregular quartz veins - Pyrrhotite sericite ± MoS ₂ in gray regular 30-40° quartz vein (3 mm) - Stock-work weakly developed with sericite pervasive providing lt green pearly cast. Veins up to 1 cm with Qtz stringer at 5°.	

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES			
	LITH.	BEDDING	FAULTS NUMBER OF PIECES				SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	Qtz Py MoS ₂	Qtz Po MoS ₂	Qtz Po	K-Feld	Biotite		Musc	Py	Po
58					85																					47.9 - 48.26 - Purple Hornfelsic Argillite - fine grained purple, shiny micas = 20% - quartz pyrrhotite veins at contact.
60					100	61248	.05	.050		2		3					5			5	10	25	.5	.05		early - 55° 1 mm white - grey slightly granular quartz pyrrhotite vein.
62					102	61249	.05	.015		7			2				7			5	5	10	.5	-		late - 7° 3 mm MoS ₂ - white massive Qtz vein.
64					102	61250	.05	.023		5			3	2	10					10	5	5	.5	-		48.26 - 48.65 - Subporphyritic Graphic Granite - highly silicified pegmatitic dyke. Partly sericitized light green. Garnet disseminated. 5 mm - 3 cm white massive Qtz-Pyrrhotite-Sericite MoS ₂ veins (x3) at 35° sericite in vein and pervasive.
66					100	61001	.01	.012		1			2				5			10	1	5	1	-		48.65 - 49.0 - Purple Hornfelsic Argillite - fine grained purple. Feldspar green brown greasy appearance. Biotite, pyrrhotite disseminated
68					102	61002	.01	.025		1		4					10			15		1	1	.05		early - 35° gray granular Qtz-MoS ₂ -Pyrrh vein (1mm)
70					70	61003	.10	.080		2		4					7			-	-	1	.05	1		late - 22° gray granular Qtz MoS ₂ pyrhh vein (3 mm)
72					130	61004	.05	.060		4		7					2			-	-	.05	.05	1		with 10° offshoot. - 40° 2 mm white-gray massive quartz vein with MoS ₂ as 1 - 2 mm rosettes.
74					103	61005	.10	.010		3		2	1	1			2			5	1	2	2	.05		49.0 - 50.52 - Silicified-Sericitized Quartz Feldspar Porphyry. locally fine grained granular quartz feldspar sericite. Predominantly lt green.
76					95	61006	.04	.006		1	5						4	1	5	3	2	2	0	0.5		gray fine grained with Quartz anhedral and Feldspar (white) euhedral up to 2.5 mm and 20% locally. Slightly pyritized and sericitized locally.
78					105	61008	.05	.006					3				7			2	0.5	2	1	-		Garnet disseminated < 1%. - Low angle milky white Qtz-Sericite-pyrite-MoS ₂ veins (x4) up to 10 cm and to .5 cm (x4). - contact at 50.52
80					99	61009	.005	.003		2	10						2		3	3	2	0.5	1	.05		abrupt due to high angle. Pyrrhotite - PbS-ZnS vein
82					105	61010	.10	.018									1			2	2	0.5	1	.05		50.52 - 52.10 - Purple Hornfelsic Argillite- some limy portions altered to diopside skarn. Locally prismatic andalusite crystals. - 20° (0° offshoot)
84					97	61011	.10	.007		3	2						8			2	2	0.5	1	.05		MoS ₂ Pyrite Qtz vein, white granular, coeval with 40° white massive 3 mm Qtz-MoS ₂ veins. - high angle 2 mm white quartz veins with high angle
86					102	61012	.15	.006		4	2	4					1			2	2	0.5	1	.05		Qtz MoS ₂ veins - gray granular with low angle offshoots. 71 m density.

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA							VEINS							% MINERALS					NOTES	
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb				K-Feld	Biotite	Musc				
																									52.10 - 66.8 - Silicified Subporphyritic Biotite Granite. Locally dark grey -pyrrhotized with Biotite up to 30%. Quartz feldspar interstitial equigranular. Dominantly silicified, lt green-white mosaic of quartz feldspar - numerous large low angle Qtz-pyrrhotite-pyrite-MoS ₂ - sericite veins. 1-2 cm vein locally with sphalerite on selvage, MoS ₂ pervasive rosettes. Locally pyrrhotizing and sericitizing host. late - low angle gray 1 mm regular quartz vein. early - 10 cm Qtz vein white, MoS ₂ disseminated low. 52.0 - 66.8 - High angle quartz sericite veins, pyrite disseminated sericite pervasive - white massive Qtz-MoS ₂ -Pyrite at 10-70° 1 cm - 5 cm. High pervasive silicification. MoS ₂ locally as rosettes up to 4 mm. - numerous 1-2 mm gray regular Qtz veins. Small stockwork locally generally barren locally. Pyrrhotite disseminated high locally with biotite. 53.0 - 5° Qtz sericite MoS ₂ vein with high pervasive sericitization MoS ₂ higher on higher angle 1 mm gray Qtz offshoot. Later 2 cm Qtz vein at 50° 61.5 - MoS ₂ -Pyrite disseminated on offshoot fractures from white Qtz. MoS ₂ -Py veins. Locally feldspars developed on selvage. white. 62.70 - 0° 1 mm gray Qtz vein early. High angle pyrite MoS ₂ on fracture late and 20° Qtz MoS ₂ white later. 63.30 - Shear with CO ₂ Qtz breccia and pyrite (galena) as thick paint of 20° shear surface. 62.0 - 64.0 - Groundmass white, feldspathized locally. High angle Qtz sericite with biotite locally up to 10%. 64.5 - lower angle Qtz MoS ₂ pyrite veins with 1-2% sericite, coarse green and pyritization pervasive to vein.		

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DEPTH METRES	GRAPHIC LOG					ASSAY INTERCEPTS	ASSAY DATA							VEINS						% MINERALS				NOTES	
	LITH.	BEDDING	FAULTS NUMBER	NUMBER OF PIECES	% REC.		SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb				K-Feld	Biotite	Musc		
																									65.4 - MoS ₂ on shear fractures heavy as powder - smear.
																								66.7 - Pegmatitic feldspathic at 10 m locally. General lack of quartz veins	
																								66.8 - 67.1 - Purple Hornfelsic Argillite - very fine grained, hard. - grey MoS ₂ Qtz Pyr Sericite veins (<1 cm) parallel to contact silicifying granite but not the hornfels. Pyrrhotite-Biotite disseminated finely.	
																								67.1 - 67.3 - Subporphyritic Biotite Granite. Highly feldspathized mosaic of quartz-feldspar. Feldspathization appears to mask early quartz veining MoS ₂ on fractures outlining remnant of quartz vein.	
																								67.3 - 71.80 - Purple Hornfelsic Argillite Minor Greywacke.	
																								68.5 - Silicified hornfels, disseminated pyrite with high angle irregular 2 mm quartz vein	
																								70.0 - 15° Qtz MoS ₂ pyr vein with coarsely disseminated MoS ₂ (2 cm) with lt green pervasive alteration.	
																								69.0 - white Qtz MoS ₂ veins in local stockwork- apparently coeval.	
																								69.5 -Boudined Qtz-MoS ₂ vein, white, at 60° and 1 cm	
																								70.0 - 72.0 - white Qtz-MoS ₂ veins at 1 cm (21m)	
																								71.4 - Porphyroblastic crystals, white, rounded aggregates?	
																								71.80 - 93.0 - SubPorphyritic Biotite Granite - dominantly white-grey mottled. Pegmatitic feldspar (white) and grey quartz in linear patchy bands. Locally graphic. Streaming quartz veins (1 mm) silicified locally and low-high angle Qtz sericite ± MoS ₂ FeS ₂ veins with sericite pervasive. Moderately pyritized and locally pyrrhotized with biotite in pegmatitic form.	
																								73.0 - Pyritized in groundmass, pyrite heavy on	

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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS					NOTES			
	LITH.	BEDDING	FAULTS NUMBER OF PIECES				SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	Qtz Py MoS ₂	Qtz Po MoS ₂	Qtz Po	K-Feld		Biotite	Musc	Pyrite
86			19		90		61013	.02	.003										20	2.0	0.5	1.0	0.5		<p>86.00 - 88.00 - numerous gray Qtz veins (± MoS₂) = 2 mm at 0 - 30°. Feldspareuhedra jutting into vein. 88.0 - large white barren Qtz vein, later at 45°. 00 Grey Qtz MoS₂ divergent, cut by 65° Qtz Pyr (sericite pervasive) and by high angle Pyrite-Sphalerite. Chalcopyrite vein. High Sericitization, silicification locally (88.8 - 89.4) Galena vein 2 mm at 90° @ (90.0 m) Grey Qtz MoS₂ veins later than 45-60° grey Qtz Pyrite veins.</p> <p>93.0 - 93.8 - Qtz. Feldspar porphyry- gradational decrease in biotite, white feldspar euhedral, crowded with Qtz anhedral. Groundmass fine grained Lt. green-white-Phenocrysts up to 2 mm.</p> <p>93.8 - 95.0 - Subporphyritic Biotite Granite - dk grey quartz, white feldspar, graphic locally. Biotite < 5% - 1 mm maximum. Orange garnets disseminated Large pyrite clots on fracture surface.</p> <p>95.5 - 95.8 - Purple Hornfelsic Argillite - 15° crossing Qtz - MoS₂ veins, white, cut barren 50 - 70° white quartz veins.</p> <p>95.8 - 96.0 - Subporphyritic biotite granite. - Equigranular pegmatitic quartz-feldspar. Fine grained graphic adjacent to hornfels. Coarse grained equigranular dominant with local green feldspathic groundmass.</p> <p>96.0 - 98.0 - Purple Hornfelsic Argillite - very fine grained purple, hard on both fractured and cored surface. 25% quartz in 2 mm - 5 cm 60° quartz veins, white with trace MoS₂ x2 15° Qtz MoS₂ (white veins - late.</p> <p>98.0 - 98.4 - Quartz feldspar porphyry. Lt green fine grained groundmass, some chloritic biotites (<<1%) and slightly pyritized Grey Qtz euhedra, white Feldspar euhedra up to 15%. Garnet << 1%.</p>
88			13		100		61014	.25	.030										20	tr	1.0	1.0	tr		
90			12		100		61015	.15	.025										20	.1	.05	1.0	tr		
92			16		102		61016	.01	.015										20	.1	.05	1.5	tr		
94			7		99		61017	.10	.018										15	.5	tr	1.5	.05		
96			14		100		61018	.08	.015						3		2		-	-	-	tr	1.0		
98			15		100		61019	.01	.010										-	-	tr	1.0	tr		
100			17		104		61020	.05	.024										-	-	tr	1.0	.05		
102			21		92		61021	.05	.012						2		2		.1	-	-	1.0	.5		
104			20		90		61022	.10	.144										-	-	tr	1.5	1.5		
106			18		100		61023	.05	.010										tr	-	tr	1.0	1.0		
108			>20		102		61024	.01	.036						1		2		15	tr	.5	1.0	.5		
110			10		100		61025	.15	.180										2.0	tr	1.0	0.5	1.5		
112			10		87		61026	.15	.232										1	-	-	.5	.5	1.0	
114			14		102		61027	.05	.032										tr	.5	1.5	1.0			
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DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES	
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	Qtz Py MoS ₂	Qtz Po MoS ₂	Qtz Po	K-Feld	Biotite	Musc	Py		Po
138				20	85		61039	.04	.010						2			5		.11	0			137.4 - 138.4 - Hybrid Equigranular-Pegmatitic Subporph.- Biotite Granite & Qtz Feldspar Porphyry - gradational between fine grained equigranular biotite granite to lt. green quartz feldspar Porphyry.
140				20	105		61040	.15	.055						4			10	tr	.13	0			138.4 - 150.9 - Quartz Feldspar Porphyry. Lt green-gray fine grained groundmass. 20% Qtz-feldspar Phenocrysts.
142				20	110		61041	.20	.174			1		4				10	.5	1.0	1.5			138.4 - 140.0 - large qtz veins barren and numerous. White crinkly qtz veins + feldspar.
144				20	101		61042	.25	.424			1		2	3			10		2.0	3.0			Porphyry groundmass locally aphanitic. lt. green-creamy.
146				20	88		61043	.01	.120					1				10		5.0	2.0			141.8 - Later Pegmatitic Biotitic dykelet = 2 cm. Fault Highly argillized, coarsely pyritized adjacent to 2° Qtz MoS ₂ Pyrite vein.
148				16	100		61044	tr	.008					5				10		5.0	2.0			140.0 - 140.8 Argillization on fracture surfaces, throughout. Fault at 144 - 146 MoS ₂ .55 mm thick on 0-5° shear fractures. Pyrite in 1 mm cubes locally.
150				20	100		61045	.20	.254					4				5	.05	1.0	2.0			Feldspar phenocrysts completely argillized adjacent to fractures. Groundmass light green sericitized. Locally friable.
152							61046		.044									5		1.0	1.0			148.4 - Sericite thick (lt green) or high angle fracture - Feldspar phenocrysts argillized slightly throughout.
154					20		61047		.076											1.0	2.0		60	150.9 - ? - Equigranular biotite Granite - light green fine grained sericitized heavily soft to a knife blade.
156											FAULT													151.3 - Sericite-MoS ₂ rosettes. at 50° + Pyrite and Hyd. Biotite? 15° MoS ₂ Qtz Py vein. MoS ₂ as 1 - 2 mm rosettes 5% of vein.
158																								152.4 - Fault Friable sericite pyrite altered granite. Calcite in bits of recovered core up to 90%. Pyrite in large clots, balls.
160				20	90		61048	.10	.200					1	6			5		2.0	1.0			? - 162.45 - Quartz Feldspar Porphyry. Lt green highly sericitized groundmass, fine grained. MoS ₂ on 40° fracture, coarse. MoS ₂ disseminated locally in groundmass at 161.8. Feldspars soft,
162				20	98		61049	.04	.026					5				5		2.0	1.0			
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DEPTH METRES	GRAPHIC LOG				ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES				
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES		% REC.	SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	Qtz Py MoS ₂	Qtz Py MoS ₂	Qtz Py MoS ₂	K-Feld	Biotite	Musc		Py	Po		
182																									184.9 - 28° MoS ₂ Qtz veins later than felsite fragmentation in subporphyritic Qtz-Feldspar- veins 1 - 2 mm grey	
184			Y			2092.5	61088	.08	.016									10	tr	1.0	1.0	-		187.7 - 189.5 - Quartz Feldspar Porphyry - lt. green fine grained groundmass. Locally, qtz and feldspar phenocrysts crowded up to 60%. Appears gradational to subporphyry. Pyritized = <1% with disseminated MoS ₂ locally.		
186						1892.5	61089	.08	.026										9	1	5.0	tr	1.0	1.5	tr	188.4 - Pyrite MoS ₂ on 70° dry fracture (tension) Pyrite on 30° fracture.
188						20100	61090	.05	.054										10	tr	tr	1.5	-		189.5 - 191.7 - Subporphyritic Biotite Granite. White feldspar interstitial to qtz anheda (1 mm) grading to phenocrysts and a crowded porphyry. Locally sericitized green, fine grained with disseminated MoS ₂ . Numerous qtz-pyrite ± MoS ₂ gray 1 mm stringers.	
190						14102	61091	.08	.058			1							10	tr	tr	1.5	-		190.1 - Qtz MoS ₂ Pyrite, vein, white at 15° and 3 cm. Sericite Pervasive to .5 cm similar veins.	
192						16102	61092	.15	.075			1	1						10	tr	1.0	1.0	-		191.7 - Fractures appear like "stylolites" in appearance. MoS ₂ 5 mm thick on surface, shear?	
194			Y			20 98	61093	.10	.050										1	5	.5	1.0	1.0	.05	191.7 - 193.0 - Equigranular Biotite Granite.	
196						17 90	61094	.10	.015										10	tr	1.0	1.0	-		192.0 - 193.0 - Lt. grey altered, very soft. anhydrite alteration? Shear fractures argillized. Fine grained feldspar barely visible, white. MoS ₂ Pyrite disseminated in linear bands.	
198						22 94	61095	.05	.015			1							5	tr	tr	1.0	-		193.0 - 195.8 - Subporphyritic Granite - biotite up to 50% in linear bands (3 cm). Generally devoid of biotite, qtz-feldspar in angular mosaic (2 mm max) Graphic locally. Pyrrhotite and Qtz-Pyrrhotite vein associated with Biotitic bands.	
200						16100	61096	.05	.050										5	tr	1.0	1.0	-		195.8 - 201.65 - Crowded Porphyry - white, lt green fine-med grained, mosaic of angular feldspar - quartz. Feldspar appears interstitial. Pegmatitic appearance locally.	
202						12 98	61097	.06	.019				1						5	tr	tr	1.0	-		196.5 - Galena Sphalerite, Pyrite, in 60° vein adjacent to zone of lt. grey soft alteration (anhyd?).	
204						12100	61098	.08	.022			1	2						5	1.0	-	1.1	tr			

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

TW 79-2
DDH _____
SHEET 20 OF 31

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS					NOTES			
	LITH.	BEDDING	FAULTS NUMBER OF PIECES				SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	q py MoS ₂	q po MoS ₂	q po	K-Feld		Biotite	Musc	Py
204																									202.63 - 204.5 - Crowded porphyry & Equigranular Biotite Granite. Lt. green gray fine grained angular qtz Feldspar with biotite < 2% = .5 mm. Quartz and Feldspar grades up to 2 mm in a crowded porphyry with biotite absent.
206			15	100			61099	.10	.078		1			2		13			10	2	1	1	0	tr	202.8 - Massive Pyrite-MoS ₂ vein. Along 60° shear.
208			12	100			61100	.10	.055			1		2		6			5	5	tr	0	8	-	204.5 - 204.88 - Subporphyritic Granite 2 mm white feldspar dk. grey quartz, angular, in a mottled mosaic. White vuggy Qtz Pyrite vein, 2 cm along upper contact. MoS ₂ on selvages as thick paint and along wavy fractures.
210			15	100			61296	.10	.034		1					12			8	5	1	1	1	tr	204.88 - 209.0 - Equigranular Biotite Granite - fine-med grained, lt. green grey. Biotite 2%, locally absent. Pyrite disseminated < 1%. Sericite on 70° fractures. Numerous Qtz-Pyrite-MoS ₂ grey stringers (< 1 mm) at 30 - 50°. 45° MoS ₂ Qtz veins (± pyrite) cut and displace each other @ 205.0 MoS ₂ .5 mm thick on 60° shear fractures.
212			10	101			61297	.15	.136							8		1	5	1	1	1	1	tr	209.00 - contact, gradational? High angle fractures with sericite soapy, lt. green of surface, med green pearly pervasive to fracture.
214			13	102			61298	.10	.008		5			2		6		2	5	1	1	1	0	5	209.0 - 216.05 - Qtz Feldspar Porphyry - lt. grey green fine grained groundmass. Biotite up to 1% fine grained. Little disseminated groundmass pyrite. Qtz-Feldspar phenocrysts vary from 5-50% up to 2 mm. Garnet disseminated in trace amounts. Pyrite on 0° fractures as large flakes, masses.
216			19	95			61299	.08	.026		3	1				8			5	0	5	1	0	5	216.05 - 213.0 - Equigranular Pegmatitic Biotite Granite fine-med grained grey mottled with biotite up to 5%. Angular Qtz-Feldspar relationships. Pyrite and pyrrhotite disseminated < 1% MoS ₂ locally.
218			8	100			61300	.05	.022							9			5	-	5	tr	-	210.8 - Bleached pervasive to 2° fracture. Sericite disseminated pervasively.	
220			11	100			79 HRT 886	.08?	.053					1		15			5	-	2	1	0	-	MoS ₂ -Pyrite ± Pyrrhotite veins as stringers,
222																									

796b

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DEPTH METRES	GRAPHIC LOG				ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES		
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES		% REC.	SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂	Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	q py MoS ₂	q po MoS ₂	q po	K-Feld	Biotite	Musc		Py	Po
-220																								220.0 - Sericite-MoS ₂ , soft up to 2 cm thick, MoS ₂ like paste, sericite soft, friable.
-222					12100	79 HRT 887	.05	.058					1			10								220.3 - 228.15 - Equigranular Pegmatitic Biotite Granite. Qtz MoS ₂ Pyrite stringers, dry fractures numerous.
-224					16100	888	.08	.026	1	3		2	4			2								221.4 - Dacite Porphyry. 2 mm along 0° irregular fracture.
-226					16101	889	.05	.018		1						5								222.2 - Pyrite massive on fractures, irregular dist'n. - Sericitized zone, 20 cm with disseminated MoS ₂ . Hairline fractures with MoS ₂ as thick paint. Sericitized zones with Biotite absent. Biotite locally up to 1 mm.
-228					12101	890	.04	.015	1	2						8								226.90 - Subporphyritic medium gray mottled, medium grained section. Sericitized zone separates this texture from biotite granite.
-230					9 100	891	tr	.015	2	4	1					2								228.15 - 228.60 - Mafic Dyke - very fine grained dark gray with red and green (soft) phenocrysts along with white - prismatic phenocrysts? Highly magnetic.
-232					11100	892	tr	.012		5							2							228.6 - 231.5 - Equigranular pegmatitic Biotite Granite. fine-med grained, porphyritic locally with biotite
-234					20 100	893	.01	.006	3		1					2								2 - 5%, irregular distribution. Numerous hairline fractures with pyrite. Little MoS ₂ Pyrrhotite on veins and disseminated <1%? Larger Qtz veins with white fspar on selvages.
-236					14 100	894	.04	.010	3		2					4								231.5 - 242.85 - Subporphyritic Pegmatitic Granite. Local + biotite fspar intergrowth. Generally med grained biotite granite <1%. High angle fractures sericitized pervasively
-238					10 100	895	.01	.011	2							3								MoS ₂ disseminated with sericite.
-240					8 100	79 HRT 897	.05	.056	2			2												233.0 - 18 cm Qtz-MoS ₂ -Sericite vein. Sericite pervasive.
-242																								233.7 - Dark grey silicified zone (20 cm) with pyrite disseminated up to 2%.
																								235.0 - White 7 cm irregular quartz feldspar pegmatitic vein.
																								235.5 - 7 cm white Qtz MoS ₂ sericite vein.
																								* subporphyritic medium grained rock grades imperceptibly into a fine-med grained biotite granite.

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS					NOTES			
	LITH.	BEDDING	FAULTS NUMBER OF PIECES				SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	q py MoS ₂	q po MoS ₂	q po	K-feld	Biotite		Musc	Py	PO
270					19	102	79 HRT 912	/	.002																	<p>269.20 - 282.7 - HYBRID SUBPORPHYRITIC - BIOTITE - PORPHYRITIC GRANITE - gradational fine-med grained biotite to biotite free subporphyritic mottled granite. Dark-red gray with numerous pegmatite veins. Numerous high angle veins and fractures with sericite pervasive, to a lt-med green fine grained pearly texture. Biotite distribution erratic. Garnet disseminated locally up to 1%. - sericite on shear fracture, light green soapy 273.8 - sphalerite-pyrite vein with dark grey fine grained silicification, sericitization. Density up to 2/m: MoS₂ disseminated pervasively with galena(?) and garnet. pegmatite veins with pyrite MoS₂ disseminated 3/m Low angle fractures with CO₃ filling. 277.3 - 282.3 - dark grey-green alteration adjacent to numerous q-py-sp[±]galena veins. Feldspar argillitized intensely sericitized adjacent to sphalerite-pyrite veins. MoS₂ locally disseminated pervasively. Locally in highly altered zones, sphalerite and galena(?) disseminated pervasively and on quartz stringers at low angles.</p>
272					13	102	913	tr	.001																	
274					15	99	914	tr	.001							2										
276					18	105	915	tr	.002							2										
278					20	95	916	tr	.001							2										
280					18	102	917	tr	.001																	
282					7	100	918	/	.001																	
284					12	100	919	/	.001																	
286					20	105	920	tr	.006																	
288					20	100	921	/	.008																	
290																										<p>282.7 - 284.75 - DACITE PORPHYRY - fine grained dark green groundmass with biotite-feldspar up to 10% Feldspar phenocrysts euhedral up to 1 mm maximum. Highly magnetic. 284.75 - 286.40 - EQUIGRANULAR BIOTITE - GRANITE - medium grained biotite up to 5% white. Quartz-feldspar locally subporphyritic-crowded porphyritic with biotite erratic up to 10%. 285.0 - pyrite disseminated pervasive to high angle fracture up to 5%. Quartz-feldspar pegmatite with feldspar as laths. Sericite pyrite on fracture. - biotite up to 10% in bands vein like. - pyrite cubes disseminated on fractures up to 2 mm</p>

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AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS				NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb			K-Feld		Biotite	Musc	
																								329.6 - 331.6 - Hornfelsic Argillite - Greywacke - grain size gradational, bedding not discernible.
																								329.8 - 3 Qtz Pyrrhotite MoS ₂ veins with sericite pyrrhotite pervasive. Feldspathic fragments 5 mm locally elongated.
																								331.6 - 331.9 - Skarn - dark-lt green diopsidic. White massive Quartz Vein at 62°. Lithological preference for veining?
																								331.9 - ? - Hornfelsic Greywacke Minor Argillite.
																								332.9 - Low angle qtz pyrite stringer with yellow alt. Halo later than Grey high angle qtz stringer which is later than white . 5cm qtz pyrite vein at low angle.

DIAMOND DRILL RECORD

PROPERTY TIDEWATER Project Number 971

Hole No. TW 79-3 Co-ordinates _____ Bearing at Collar 020°

Dip at Collar -55°

Collar Elevation 513 m Commenced Drilling October, 25, 1979

Total Depth 161 m Completed Drilling November, 1, 1979

Logged By: D. G. Allen

Core Size NQ Coring Method _____ Drilling Contractor Connors Drilling

<u>Survey Summary</u>				<u>Pertinent Assay Data</u>		<u>Pertinent Geology</u>	
Depth	Dip	Bearing	Method	Interval	% MoS ₂	Interval	Rock Type
				6.7 - 42 m (35 m)	0.030%	0 - 6.7 m	Overburden
				42 - 161 (119 m)	0.030	6.7 - 42	Quartz monzonite
				including			
				150 - 161 (11 m)	0.088	42 - 161	Hornfels

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AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DDH TW 79-3
SHEET 1 OF 5

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS						% MINERALS						NOTES			
	LITH.	BEDDING	FAULTS	NUMBER OF PIECES			SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Corb	Qtz Po	Gal Sphd	K-Feld	Biotite	Musc		Quartz	Garnet	Pyrites
0																								0 - 6.7	- Overburden	
2																								6.7 - 8.9	- Quartz vein - a few relict fragments 6.7 - 6.8 and 8.3 - 8.9. Cut by a few 0.5 - 2 cm aplitic dikelets. Scattered fractures coated with musc.	
4																								8.0	- Irreg. fractured coated with musc. and MoS ₂	
6																								8.9 - 12.7	- Felsite - locally banded @ 030° - light grey aphanitic. Sharp contact @ 12.7 @ 45° with QFP (younger). Irreg slip planes @ 12.2 - 12.4	
6.7					7	97	61101	6.7-8.0	.006																	
8					24	102	61102	0.07	.014												0.5	0.5	0.1		12.7 - 15.2	- Quartz - feldspar - porphyry - abundant euhedral to subhedral quartz and white feldspar phenocrysts 0.2 - 2 mm in light grey aphanitic groundmass. Muscovite commonly developed on slip planes and narrow margins of quartz veins.
10					19	98	61103	0.15	.056												0.5	0.4	Tr 0.2			
12					19	100	61104	0.07	.022												0.5	0.5	0.3			
14					20	101	61105	0.15	.096							1	1				2.0	0.8	0.5		15.2 - 22.4	- Equigranular biotite qtz monzonite - med grained (1 mm) with irreg dissem biotite groundmass locally fine grained and aplitic.
16					20	96	61106	0.05	.030												5	5.0	10	0.3		
18					23	97	61107	0.12	.048												5	5.0	14	0.3		
20																					Tr 5.0	12	0.3		14.1 - 2 mm MoS ₂ along slip plane @ 015°	
22					13	100	61108	0.10	.085							1	1				Tr 5.0	12	0.3		14.6 - 5 cm qtz - py - galena vein @ 090 cut? by 3 cm qtz-po vein @ ~ 0550	
24					20	100	61109	0.04	.038												Tr 2.0	8	0.3		17.9 - 2 cm qtz vein with py, gal and scheelite. Minor amounts white kaolinite? along some fract. Muscovite occurs in zones, usually related to quartz veins.	
26					20	106	61110	0.05	.012												5.0	10	0.2		22.4 - 30.4	- Quartz-feldspar-porphyry - abundant rounded quartz and subhedral white feldspar phenocrysts in light grey aphanitic groundmass.
28					15	98	61111	0.05	.014												2.0	3.0	9	0.3		
30					20	98	61112	0.05	.009												1.0	3.0	4	0.3		
32					10	100	61113	0.20	.015												0.5	2.0	4	0.5	30.4 -	Hybrid zone - porphyry texture alternates equigranular texture - contact relationships

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DDH TW - 79-3
SHEET 2 OF 5

DEPTH METRES	GRAPHIC LOG				% REC.	ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS						NOTES	
	LITH.	BEDDING	FAULTS NUMBER OF PIECES				SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Carb	Qtz Po		Pyrrh.	K-Feld	Biotite	Musc		Quartz
32					17	100	61114	0.10	.009											Tr	5	7		0.3	<p>30.4 - 41.8 - Hybrid phase - appear to be dykes of one phase cutting the other - quartz feldspar porphyry and equigranular biotite granite - qtz monz. Biotite locally abundant in equigranular phase over short interval. Granite appears to cut porphyry. Wk irreg dissem garnet mainly in porphyritic phase. Contact @ 41.8 @ 37°</p> <p>33.5 - 1 cm qtz vein with po, sphal & tr scheelite</p> <p>36.7 - 2 mm qtz-musc-py vein with MoS₂ and scheelite @ 43°</p> <p>41.8 - Grey to purplish grey hornfelsic argillite Massive with no bedding.</p> <p>42.8-43.1) aplite and pegmatite</p> <p>43.1-43.15)</p> <p>43.4-43.5)</p> <p>Fine dissem pyrrhotite in hornfels and in qtz veinlets.</p> <p>44.4 - 2 cm qtz-scheelite, py, po, muscovite qtz vein @ 25°</p> <p>47.2-47.4 - Diopside-garnet skarn zone @ 53°</p> <p>48.2 - 1 cm musc. pegmatite dikelet @ 53°</p> <p>Sericite commonly developed along qtz veins and fractures.</p> <p>53.6 - 5 cm garnet-diopside skarn</p> <p>54.5 - 1 cm qtz vein @ 57° with scheelite, MoS₂ and muscovite.</p> <p>56-58 - Hornfels pervasively silicified</p> <p>58.7 - 10 cm diopside garnet skarn band with dissem scheelite & po.</p> <p>59.0 - 5 cm garnet bearing zone with tr scheelite.</p>
34					7	100	61115	0.08	.024											2.0	4	7	Tr	0.3	
36					11	95	61116	0.05	.024											3.0	4	4	1.0	0.3	
38					11	96	61117	0.05	.015											0.5	5	5.5	1.0	0.3	
40					16	99	61118	0.02	.010											0.5	2	3		0.3	
42					18	98	61119	0.03	.014						3				1.0	Tr	0.5	7		0.2	
44					20	100	61120	0.10	.062					1	1				0.5	1.5	2.0	5		0.2	
46					>20	94	61121	0.15	.045					2	1				0.7	Tr	1.5	4	0.5	Tr	
48					15	99	61122	0.05	.070										1.5	Tr	2.0	2			
50					18	100	61123	0.05	.040					1					2.0	Tr	2.0	2.5			
52					>20	98	61124	0.05	.015										2.0	Tr	2.0	2	Tr		
54					>20	100	61125	0.17	.057						1				2.0	0.5	2.0	3		0.2	
56					>20	110	61126	0.08	.050					1	1				0.5	Tr	2.0	4		0.2	
58					>20	90	61127	0.10	.024							1			2.5	Tr	2.0	3	0.5	0.5	
60					>20	95	61128	0.04	.008							2			2.5	Tr	Tr	3.5		Tr	
62					13	100	61129		.014										2.5	Tr	Tr	4.5		Tr	

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DDH TW 79-3
SHEET 4 OF 5

DEPTH METRES	GRAPHIC LOG				ASSAY INTERCEPTS	ASSAY DATA				VEINS							% MINERALS						NOTES		
	LITH.	BEDDING	FAULTS NUMBER OF PLACES	% REC.		SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Corb	Qtz Po		Pyrrh.	K-Feld	Biotite	Musc		Quartz	Garnet
96			10	100		61148	0.07	.027									1		2.0		1.0	13	Tr		
98			20	105		61149	0.07	.055											1.5		1.5	10			
100			20	100		61150	0.05	.013											2.0		1.5	1.0	Tr		
102			20	97		61059	0.01	.020											1.0		Tr	0.5	2.0		
104			20	95		61060	0.03	.016											2.0		Tr	3.0			
106			13	102		61061	0.05	.012											2.0		0.5	8.0			
108			13	107		61062	0.07	.037											2.5		Tr	6.0	Tr		
110			20	97		61063	0.06	.020									3		2.0		7	2.5			
112			20	99		61064	0.01	.006											0.7		Tr	0.5	Tr		
114			20	95		61065	0.07	.019									3		1.5		Tr	5.5	Tr		
116			20	97		61066	0.04	.010											0.7		Tr	2.5			
118			20	98		61067	0.01	.003											0.7		Tr	1.5	Tr		
120			20	100		61068	0.07	.016					1			1			0.7		Tr	3.0	0.2		
122			20	95		61069	0.10	.028						2					0.7		Tr	1.5			
124			20	100		61070	0.17	.056											0.7		Tr	3.0	Tr		
126			20	100		61071	0.13	.075					1	3					0.5		Tr	3.0			
128																									

97.6 - Fracture with 2 cm halo green clay altn" halo @ 42°
 Dark grey hornfelsic argillite - massive. Locally has a spotted texture and weak foliation. Pyrrhotite locally disseminated and locally on fractures; well developed purplish-brown halo up to 2 cm wide along quartz veins. Quartz veins vary in width from 1mm-15cm.
 101.2 - 10 cm qtz pyrrhotite breccia zone
 102-104 - Pods of garnet (epidote?) diopside skarn up to 10cm wide.
 103-110 - Siltstone layers in massive hornfelsic argillite @ 80°
 110 - Calcite common as 1 mm coatings on fract
 112 - 114 - Several calcite coated slip planes @ 68°
 114.6 - Tr scheelite on fracture with pyrrhotite
 117.7-118 - weak pervasive silicification
 118-120 - Several calcite coated slip planes @ 68°
 120.4 - Carb coated slip plane @ 20°

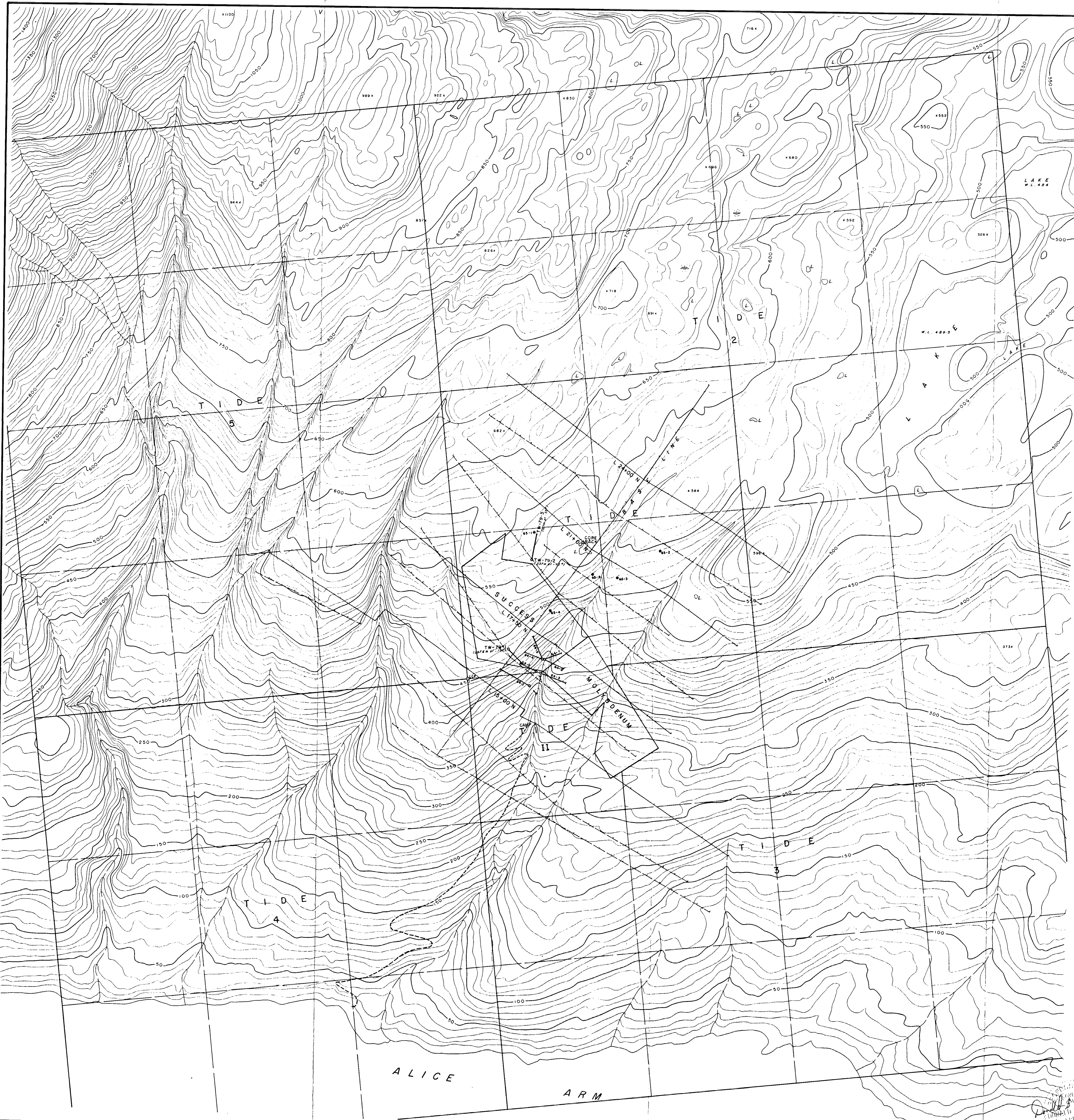
126.3-126.8 - Strongly feldspathized section related to 5cm qtz MoS₂ vein @ 126.7
 127.0 - 5 cm dacite? dike @ 55°
 127.5-128 - Weakly feldspathized

AMAX MINERALS EXPLORATION

TIDEWATER PROPERTY

DDH TW 79-3
SHEET 5 OF 5

DEPTH METRES	GRAPHIC LOG				ASSAY INTERCEPTS	ASSAY DATA				VEINS										% MINERALS	NOTES				
	LITH.	BEDDING	FAULTS NUMBER OF PIECES	% REC.		SAMPLE NO. AND INTERVAL	EST. MoS ₂	% MoS ₂			Qtz	Qtz Py	Qtz MoS ₂	Py	MoS ₂	Corb	Qtz Po		Pyrrh.			K-Feld	Biotite	Musc	Quartz
128			>20	100		61072	0.05	.007			1		5			6			0.7	2	Tr	1.0			149 - Dark Grey hornfelsic argillite - massive but locally bedded. Garnet-diopside skarn developed along some thin beds (<10cm wide)
130			>20	100		61073	0.04	.010			1		1		2	6			1.0	5	Tr	0.5			127-140 - Weak feldspathization and/or bleaching locally.
132			>20	100		61074	0.06	.030			1		5			6			1.5	Tr	Tr	1.5			131.4-132 - Strongly feldspathized.
134			>20	100		61075	0.05	.032			1	1	3		2	2			1.5	Tr		3.5	1.0	Tr	131 - MoS ₂ coated slip plane @ 40° Purple color developed adjacent to quartz vein margins and fractures.
136			>20	98		61076	0.12	.012					2		3		4		1.5	Tr		1.5		0.5	136.0-136.2 - Abundant fine MoS ₂ and gal? on fractures and in qtz veins in feldspathized zone with pyrite and sphal.
138			18	95		61077	0.01	.003			1		1			1			2.5	Tr		0.5			144.9-145.1 - Greywache with greenish fine grained diopside in groundmass.
140			15	100		61078	0.06	.023			2	1	2				2		2.5			0.5	Tr		149-155 - Dark grey - locally purplish grey hornfelsic greywache. Rock and feldspar fragments up to 1mm. Rare rock fragments up to 1 cm.
142			>20	102		61079	0.09	.022			1		2						1.5			1.5			150.7 - 10 cm qtz vein @ 55° with MoS ₂ along margin and as wavy streaks through centre of vein.
144			17	100		61080	0.02	.008			9		1						2.0			3.0	Tr		154-154.4 - Intensely pyritized (and feldspathized) section. Pyrite finely dissem and along margins of quartz veins.
146			16	100		61081	0.15	.018			11		6			2			1.5			3.0			154.5 - 10cm banded quartz-MoS ₂ veins @ 52°
148			>20	110		61082	0.12	.028			3		5				1		2.0			5.0			155-157 - Black spotted hornfels - locally altered to brownish grey color.
150			>20	95		61083	0.18	.140			2		3		3				1.5			7.0	Tr		157-160.75 - Brownish grey hornfelsic siltstone
152			>20	100		61084	0.12	.068					5			2			1.5			4.5	Tr		160.75 END OF HOLE
154			>20	100		61085	0.12	.050				4	3	1		2			1.0			7.5	5.0		
156			>20	100		61086	0.12	.094			6		2			2			2.5			4.5			
158			>20	100		61087	0.20	.124			4		14		1				1.5			6.0	Tr		



- SYMBOLS**
- Diamond drill hole (AMAX 1979).
 - Grid lines (picketed, flagged).
 - Diamond drill hole (Canex-Placer 1964, 1965).
 - Adit portal location.
 - Legal corner post, claim boundary.
 - Claim unit boundary.
 - Boundary of crown grant.
 - Stream.
 - Swamp.
 - Trail.
 - Topographic contour (contour interval 10 metres).

MINERAL RESOURCES BRANCH
1966
 N

AMAX OF CANADA LIMITED
 TIDEWATER PROPERTY
 SKEENA MINING DIVISION — BRITISH COLUMBIA
DRILL HOLE LOCATION

SCALE 200 0 200 METRES
 1:5,000
 FEET

To accompany 1979 Assessment Report by: D. G. Allen.