

86-805-15410

DIAMOND DRILL REPORT

on

TIDE JOINT VENTURE
1986 PROGRAM
TIDE GROUP

SKEENA MINING DIVISION

56° ^{16.1'} 47' N 130° ^{04'} 05' W 104B/~~100~~ 8E

for

Operator: TENAJON SILVER CORP.
NEWHAWK GOLD MINES
owner: NORTHAIR MINES LTD.

by

James W. MacLeod, P. Eng.

Vancouver, B.C.
November 17, 1986

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,410

FILMED

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TIDE JOINT VENTURE

INTRODUCTION:

The following report has been prepared to fulfill the requirements of the Mineral Act regarding the filing of diamond drilling expenditure for assessment purposes.

Two holes totalling 455m of BQ core were drilled by Connors Drilling Ltd., between August 31 and September 14. For assessment purposes hole TV86-2 was at 455 feet at the end of September 10, the anniversary date for Berendon and Berendon 2 in the Bere Group. The footage from 455 to 823 is to be applied to the TIDE claim.

The core is stored in an old tent frame in the southeast corner of claim TIDE 2.

The writer has been associated with the work on this property since 1980. On site supervision of the drilling and core logging was carried out by A. W. Dean, P. Eng., assisted by N. Wychopen.

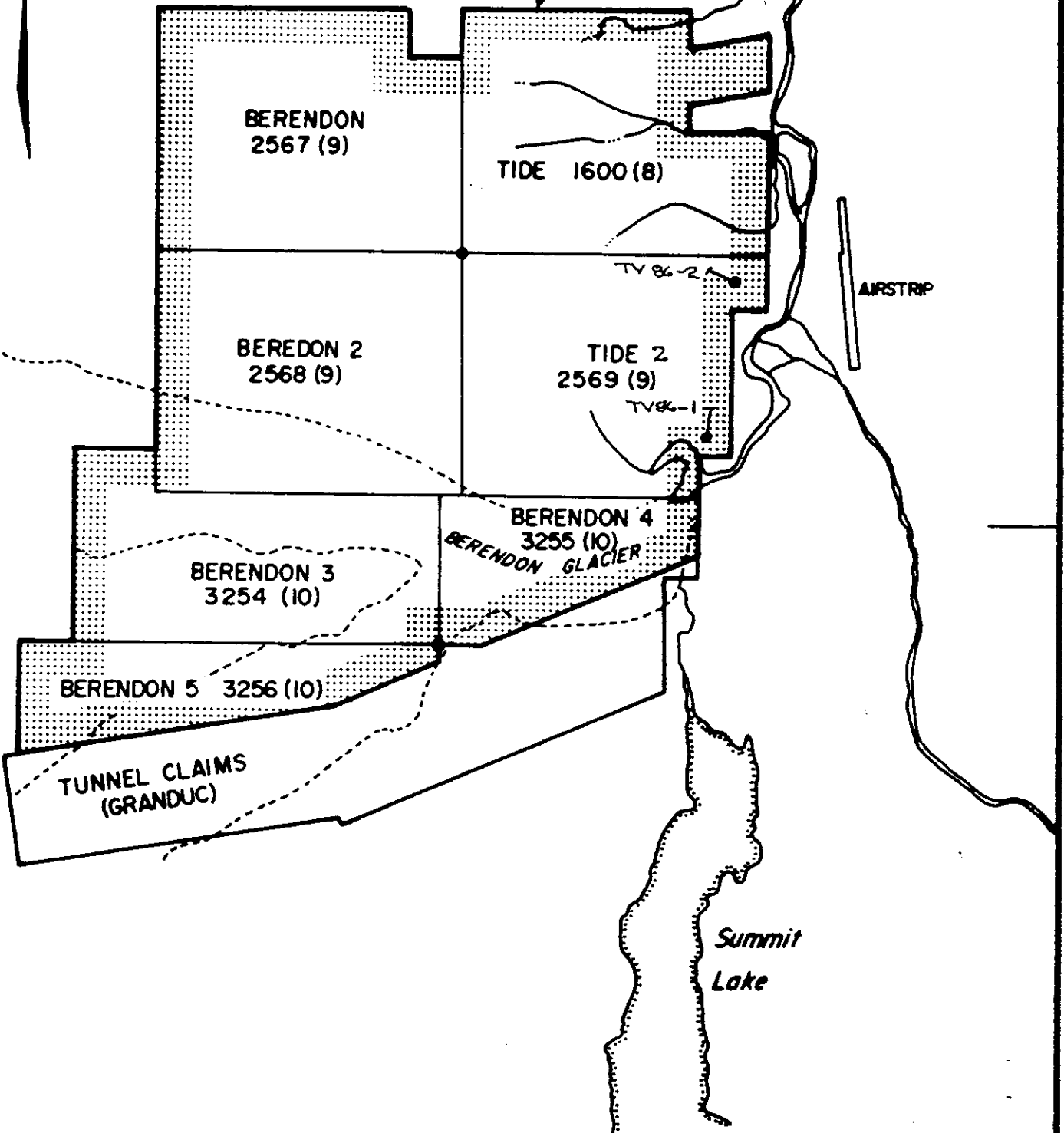
SUMMARY:

Hole 86-1 was drilled to test an EM anomaly and a zone of fractures in granodiorite mineralized with arsenopyrite.

Hole 86-2 was drilled to test a copper-moly-silver soil anomaly in an area of extensive quartz flooding.

Neither hole cut significant mineralization. The EM anomaly is probably due to graphite on the intrusive-sediment contact and sufficient widespread copper mineral was intersected to explain the anomalous geochemistry.

TIDE JOINT VENTURE



56° 15'



TENAJON SILVER CORP.
TIDE JOINT VENTURE
PLAN OF CLAIMS

Drawn.	J.W.	N.T.S. 104 81-8E
Date.	Aug. 1986	Scale. 1:50,000

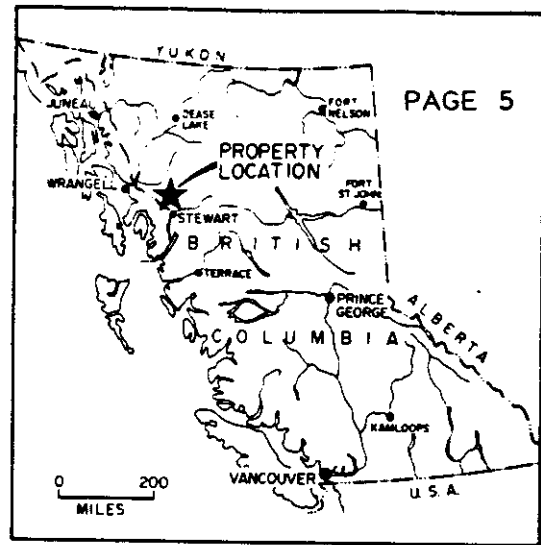
PROPERTY:

The property consists of the following adjoining claims:

<u>CLAIMS</u>	<u>RECORD NO.</u>	<u>UNITS</u>	<u>RECORD DATE</u>	<u>ANN.</u>	
Tide	1600	20	August 2, 1979	1988	
Tide 2	2569	20	September 10, 1980	1987	
Berendon	2567	20	September 10, 1980	1986	BERE
Berendon 2	2568	20	September 10, 1980	1986	GROUP
Berendon 3	3254	18	October 16, 1981	1987	"
Berendon 4	3255	12	October 16, 1981	1987	"
Berendon 5	3256	14	October 16, 1981	1986	"

All claims are registered in the name of Northair Mines Ltd.

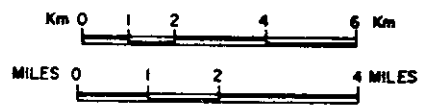
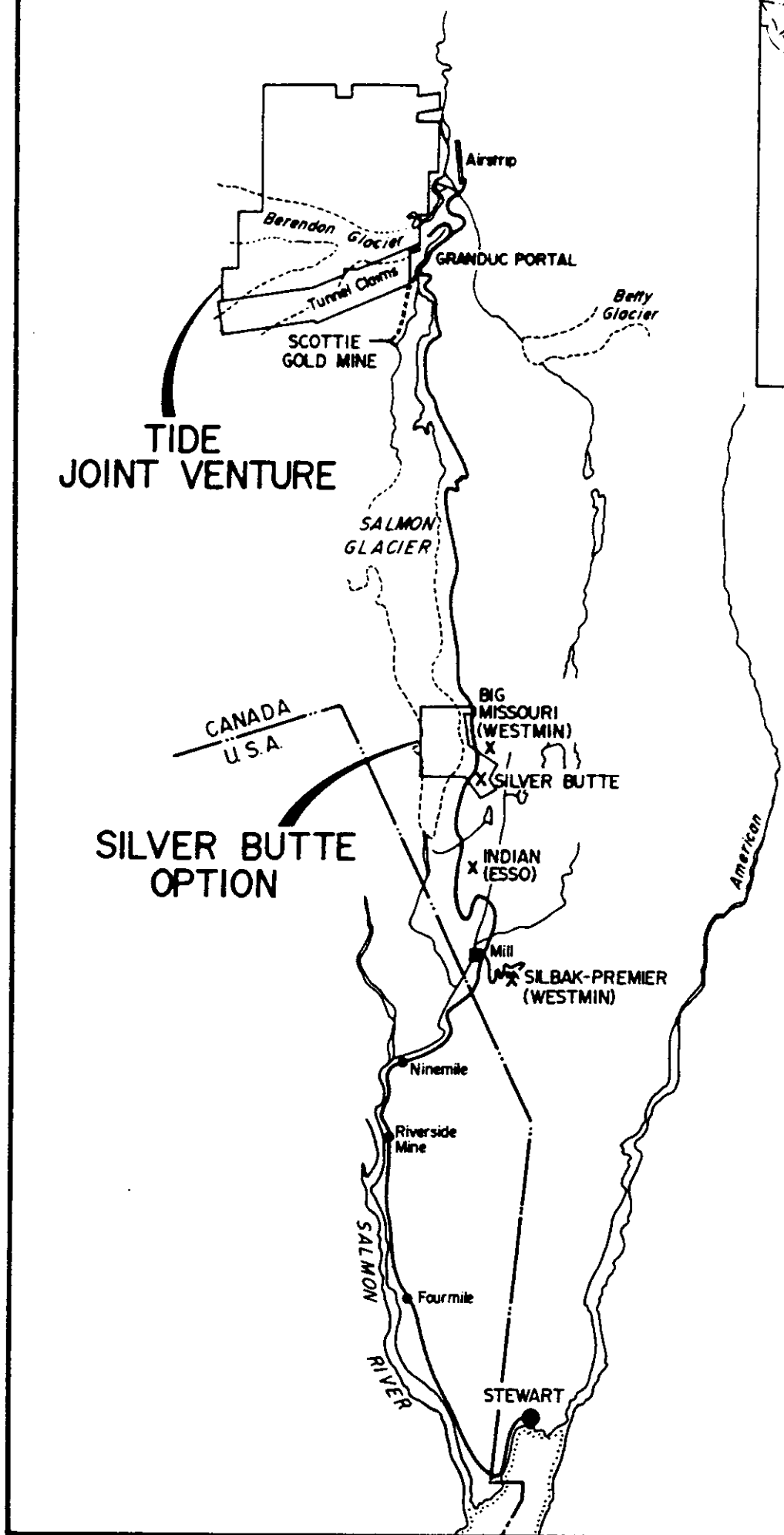
By agreement, Tenajon Silver Corp. and Newhawk Gold Mines Ltd., provide 100% of expenditure and Northair Mines has a 10% retained interest. Tenajon will increase its interest by 1% for each \$10,000 spent.



TIDE JOINT VENTURE

SILVER BUTTE OPTION

CANADA
U.S.A.



TENAJON SILVER CORP.	
LOCATION OF CLAIMS STEWART AREA, B.C.	
Drawn.	J.W.
Scale.	As shown
Date.	August, 1986

LOCATION & ACCESS:

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The Tide Joint Venture property is located 60 km by road north of the town of Stewart, B.C. and adjoins to the north of the Granduc Portal claims. Scottie Gold Mines property adjoins to the south of the Portal claims. The Newhawk Sulphurets property lies 20 km to the north.

The east side of the claims is accessible by bridge across the Bowser River. A 1.4 km gravel airstrip is located just east of the river.

HISTORY:

The 1929 Minister of Mines Report notes an assay of 0.30 Au and 148.0 Ag (oz/ton) which was the target of prospecting in the area.

1980 - silt sampling and prospecting

1981 - soil sampling, gold bearing arsenical veins located

1982 - trenching and geological mapping, D. Lucas

1983 - aerial survey

1984 - 100 m grid over aerial anomalies, E.M., mag and geological mapping by G. Garrett.

old high grade pit located 0.667 Au and 471.3 Ag (oz/ton)

1985 - rock trenching to follow up 1984 grid work

1986 - 2 drill holes financed by Tenajon Silver Corp.

The property is located on the uniformly steep slope of the Bowser River Valley on the west side of the river, between 650 and 2000 metres in elevation. Above 1750 m, the slope is generally snow and ice covered, 1250 to 1750 m is mostly outcrop, 950 to 1250 m is light overburden and small bush. From the valley floor to 950 m, the area recently exposed from ice and lake cover is thick with alder and gnarled spruce.

30 m of snow has been recorded at the Scottie mine but the Tide property just over the divide has a lighter fall. Snow remains in the gullies at lower elevations until July.

The southern part of the property is mainly underlain by the Berendon Glacier except for a "V" shaped island.

GEOLOGY:

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The property is underlain by Hazelton Group strata of Jurassic age. These strata consist of argillaceous sediments, outcropping at the lower elevations overlain by dacitic tuff and andesitic fragmentals. The Summit Lake granodioritic stock intrudes these rocks and underlays most of claim BERENDON 4 with a 300 m - 500 m wide dike extending north through TIDE 2 and TIDE claims. This dike separates the dacitic tuffs and andesitic fragmentals.

Geochemical work indicates an area anomalous in gold, silver, copper, moly, arsenic, lead and zinc. Specific occurrences have not been established as the source for the anomalous conditions but a variety of showings have been located.

In the south west corner of the TIDE claim, a series of north east striking shears are mineralized with pyrite, arsenopyrite and quartz. These are only 2 to 20 cm wide with assays of up to 5 oz/ton Au.

In the gridded area on the east side of TIDE 2 claim a copper-silver soil anomaly 180 m wide and 400 m long has been outlined. A trench on the east margin of this anomaly exposes brecciated tuffaceous sediments carrying low copper-silver values. A quartz stockwork is exposed in the central part of the anomaly.

On the west margin of the anomaly an old pit exposes narrow lenses of massive banded lead-zinc mineralization which assayed 0.667 au and 471.3 Ag (oz/ton).

In the south east corner of TIDE 2 claim, small outcrops of granodiorite occur in the low ground surrounded by glacial debris. Here fractures in the granodiorite are mineralized with arsenopyrite, a selected sample of which assayed 0.94 oz/ton Au. In this same area ground follow-up of the aerial work located a northwest trending anomaly crossing a mound of glacial boulders.

Hole 86-1 was drilled to test the E.M. anomaly located in the southeast corner of TIDE 2 claim. The hole intersected 2 metres of graphite gauge material at the diorite tuff contact which is probably the cause of the E.M. anomaly.

Hole 86-2 was drilled to test a copper, moly, silver anomaly and an area of extensive quartz flooding. The hole cut mainly breccia with narrow lamprophyre dikes. The breccia is sparsely mineralized with chalcopyrite and minor sphalerite. The mineralization explains the geochemical anomaly but no significant assays were obtained.

CONCLUSIONS:

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Since no significant assays were obtained from core samples more detailed prospecting will be required to define specific targets before any further drilling and be recommended.

Respectfully submitted

A handwritten signature in cursive script, appearing to read "J.W. MacLeod".

J.W. MacLeod, P. Eng.

Vancouver, B.C.
November 17, 1986

JWM/mb

APPENDIX I

DRILL HOLE T.V. 86-1

DIAMOND DRILL RECORD

PROPERTY TIDE JOINT VENTURE HOLE NO. T.V. 86-1

SHEET NUMBER ONE OF THREE

SECTION FROM 0 TO 57.01 meters

LATITUDE _____

ULTIMATE DEPTH 204.57 meters

DEPARTURE _____

BEARING N 12° E (012° Az) STARTED Sept 2, 1986

ELEVATION 649 meters, approx

DIP -45° COMPLETED Sept 6, 1986

DEPTH METERS	FORMATION
0-0.92	<u>CASING</u>
0.92-25.00	<p><u>DIORITE</u>: grey green, massive, medium grained with mottled texture, 30 to 40% mafic minerals with 5% brown mica. Occasional quartz shinger, generally at 45° to core, silicified and mineralized as follows:</p> <ul style="list-style-type: none"> ⓐ 6.4m - 5cm qtz vein, 5% limonite 6.6m - 10cm qtz vein, 5% limonite 14.9m - 8cm qtz vein, 5% pyr, 1% arseno 15.0m - 15cm qtz vein, 5% pyr, 1% arseno 16.1m - 12cm qtz vein, 8% pyr, minor arseno 17.5m - 2cm qtz vein, 70% arseno, 10% pyr, minor cp 17.7m - 12cm 8% fine line pyr shingers 21.3m - 31cm sil, 10% pyr, includes 1cm qtz vein, 40% arseno, 20% pyr 21.7m - 45cm sil, 10% pyr 23.6m - 61cm sil, 5% pyr, 2% arseno, minor cp 24.2m - 76cm sil, 6% pyr, 2% arseno, minor cp
25.00-27.92	<p><u>SILICIFIED DIORITE</u>: pale green, mainly aphanitic 2 to 3% disseminated pyrite.</p>
27.92-57.01	<p><u>DIORITE</u>: light grey green, massive, medium grained with mottled texture, 25% mafic minerals, 5% brown mica, 2% disseminated pyrite.</p> <ul style="list-style-type: none"> ⓐ 33.2m - 61cm, silicified clear 1% pyrite 54.1m - 92cm, sil with 1cm pyr & 1% arseno

DIAMOND DRILL RECORD

PROPERTY TIDE JOINT VENTURE HOLE NO. T.V. 86-1

SHEET NUMBER TWO OF THREE SECTION FROM 57.01 m TO 191.77 m

DEPTH METERS	FORMATION
57.01-77.44	<p><u>SILICIFIED DIORITE</u>: pale green, mainly aphanitic, 10% mafic minerals, occasional qtz/carb and chalcedony stringers, 1 to 2% <u>pyr</u></p> <p style="margin-left: 40px;">@ 65.7 - 46cm, Breccia, 2% <u>pyr</u></p>
77.44-105.18	<p><u>DIORITE</u>: grey green, massive, medium grained with mottled texture, 40% mafic minerals with 5% brown mica, occasional qtz/carb stringers, 2 to 3% <u>pyrite</u></p> <p style="margin-left: 40px;">@ 77.5 m - 8cm qtz vein, 4% <u>pyr</u> @ 45° to core 95.2 m - 2cm qtz vein, 5% <u>pyr</u>, 1% arseno</p>
105.18-107.32	<p><u>CONTACT ZONE</u>: black gurgis clay material, 20% qtz/carb and sil fragments, 4% fine grained <u>pyrite</u>.</p> <p style="margin-left: 40px;">Notes: 0.5 meter core loss.</p>
107.32-144.51	<p><u>BANDED TUFFS</u>: alternate bands of grey green, dark grey and black fine grained tuffs, generally @ 20 to 30° to core, occasional qtz/carb and <u>pyrite</u> stringers.</p> <p style="margin-left: 40px;">@ 114.0 m - 54cm irregular qtz/carb, 10% <u>pyr</u>.</p>
144.51-191.77	<p><u>ANDESITIC TUFF</u>: predominately grey green, fine grained, massive with weak banding in places. occasional qtz/carb and <u>pyrite</u> stringers.</p> <p style="margin-left: 40px;">@ 175.8 m - 51cm, silicified, chlorite lines, 4% <u>pyr</u> 179.6 m - 31cm, 20% qtz/carb, 10% <u>pyrite</u>. 188.0 m - 15cm, qtz/carb vein, 8% <u>pyr</u>. 188.2 m - 31cm, qtz/carb shear, 4% <u>pyr</u>.</p>

DIAMOND DRILL RECORD

PROPERTY TIDE JOINT VENTURE HOLE NO. T.V. 86-1

SHEET NUMBER THREE OF THREE SECTION FROM 191.77m TO 204.57m

DEPTH METERS	FORMATION
191.77-196.34	SILICIFIED TUFFS: pale green, aphanitic, generally massive, 3% disseminated pyrite.
196.34-204.57	BANDED TUFFS: mainly Andestic green tuff with occasional grey brown tuff.

END OF HOLE

<u>ACID DIP TESTS</u>	<u>ETCH ANGLE</u>	<u>TRUE DIP ANGLE</u>
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@ 76.2 m	54°	45°
152.4 m	55°	46°

CORE SAMPLE DATA WITH ASSAYS ATTACHED
COMPRISED OF SHEETS A & B.

CORE SAMPLE DATA

HOLE NO: T.V. 86-1

NO.	SAMPLES METERS			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		Au oz/Ton	Ag oz/Ton
70201	6.40	6.71	0.31	5.6cm qtz, 5% Limonitic stain	0.003	0.010
70628	8.84	9.53	0.69	Altland Dio, Sil/carb, ^{fine line} _{extract.}	0.009	0.206
70202	14.86	15.29	0.43	15cm & 8cm qtz v., 5% pyr, 1% arseno	0.077	5.327
70203	16.90	17.38	0.48	12cm qtz v., 8% pyr, minor arseno	0.003	0.010
70204	17.38	17.68	0.30	2cm qtz with 7% arseno, 10% pyr, ^{minor} _{cp}	0.063	0.392
70205	17.68	18.90	1.22	8% fine line pyr shinglers	0.003	0.010
70206	18.90	20.12	1.22	Diorite, wall rock	0.003	0.010
70207	20.12	21.34	1.22	Diorite, wall rock	0.003	0.010
70208	21.34	21.65	0.31	Sil Dio, 1cm of qtz, 40% arseno, ^{30%} _{pyr}	0.049	0.077
70209	21.65	22.10	0.45	Sil Dio, with 10% pyr	0.004	0.010
70210	22.10	23.63	1.53	Diorite, fine line qtz/carb str.	0.004	0.010
70211	23.63	24.24	0.61	Sil Dio, 5% pyr, 2% arseno, ^{minor} _{cp}	0.060	0.250
70212	24.24	25.00	0.76	Sil Dio, 6% pyr, 2% arseno, ^{minor} _{cp}	0.120	0.484
70213	25.00	25.92	0.92	Sil Diorite, 2% pyr	0.005	0.010
70641	25.92	27.59	1.67	Sil Diorite, 3% pyr shinglers	0.003	0.015
70640	33.23	33.84	0.61	Silicified Diorite, shingled, 2% pyr	0.003	0.010
70632	54.06	54.98	0.92	Sil Diorite, 1cm pyr, 1% arseno	0.005	0.152
70633	57.01	59.15	2.14	Sil Diorite, 1 to 2% pyr	0.003	0.367
70634	59.15	62.19	3.04	Sil Diorite, 1 to 2% pyr	0.003	0.088
70635	62.19	65.70	3.51	Sil Diorite, 1 to 2% pyr	0.004	0.083
70214	65.70	66.16	0.46	Brecciated Diorite, 2% pyr	0.003	0.010
70636	66.16	68.29	2.13	Sil Diorite, 1 to 2% pyr	0.006	0.264
70637	68.29	71.34	3.05	Sil Diorite, 1 to 2% pyr	0.003	0.093
70638	71.34	74.39	3.05	Sil Diorite, 1 to 2% pyr	0.005	0.148
70639	74.39	77.44	3.05	Sil Diorite, 1 to 2% pyr	0.003	0.090
70215	77.44	77.74	0.30	2cm qtz vein, 4% pyr	0.012	0.029

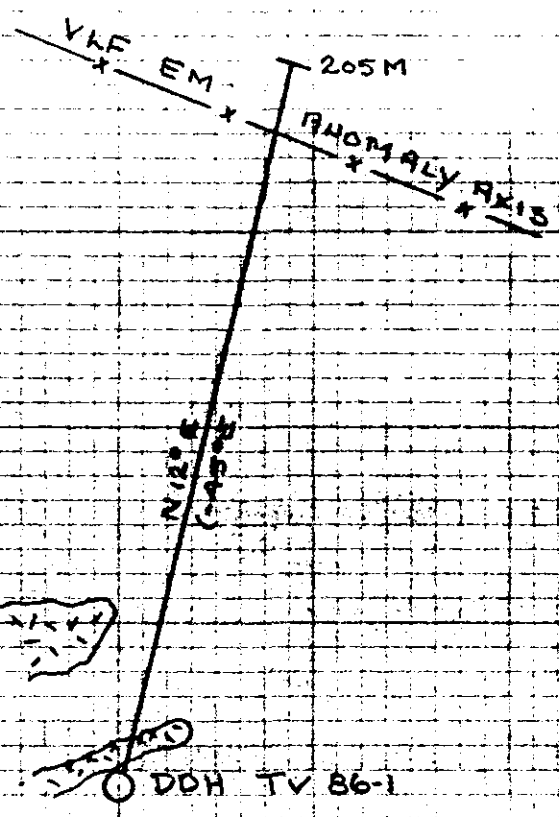
CORE SAMPLE DATA

HOLE NO: T.V. 86-1




NO.	SAMPLES METERS			DESCRIPTION	ASSAYS	
	TO	FROM	WIDTH		Pu O ₂ /TON	Ag O ₂ /TON
70631	95.12	95.43	0.31	2cm qtz vein with 5% pyr, 1% Ag	0.028	0.187
70216	105.18	105.49	0.31	Blk gouge, 20% qtz/carb, 4% pyr	0.003	0.010
70217	106.70	107.32	0.62	Black gouge, 20% qtz/carb, 4% pyr	0.003	0.010
70218	114.02	114.56	0.54	irregular qtz/carb, 10% pyr	0.007	0.059
70630	175.76	176.27	0.51	Silicified Tuff, 4% pyr	0.003	0.172
70219	179.57	179.88	0.31	Tuff, 20% qtz/carb, 10% pyr	0.003	0.010
70220	187.91	188.21	0.30	15cm qtz/carb - 8% pyr	0.004	0.010
70629	188.21	188.42	0.31	Sil/carb shear 4% pyr	0.006	0.229

CORE LOGGED BY: A.W. DEAN, PINKY

ASSAYS BY: R. MACDONALD, ASSAYER
FOR NEWKANA JOINT VENTURE
ASSAY LAB, STEWART B.C.



LEGEND

-  DORITE
-  VOLCANIC TUFFS
-  QTZ STRINGERS

TIDE JOINT VENTURE
PLAN SKETCH
SHOWING

DDH TV 86-1
TIDE 2 CLAIM
SCALE 1:1,500

D.D.H. T.V. 86-1

1959

500m

N 12° E

Vol

LEGEND

☑ DIORITE

☑ VOLCANIC TUFFS

xxx QTZ STRINGERS

§ CONTACT FLOUSE

☐ GRAVEL MORaine

SECTION

LOOKING N 78° W

D.D.H. T.V. 86-1

TIDE 2 CLAIM

SCALE 1:1500

Sketch/Ar. Andaman

APPENDIX 11

DRILL HOLE T.V. 86-2



DIAMOND DRILL RECORD

PROPERTY TIDE JOINT VENTURE HOLE NO. T.V. 86-2

SHEET NUMBER ONE of FIVE

SECTION FROM 0 TO 39.33 meters

LATITUDE _____

ULTIMATE DEPTH 250.92 meters

DEPARTURE _____

BEARING N 80° W (280° Az) STARTED Sept 7, 1986

ELEVATION 675 meters Approx.

DIP -45° COMPLETED Sept 13, 1986

DEPTH METERS	FORMATION
0-1.83	<u>CASING</u>
1.83-29.12	<p><u>ANDESITIC TUFF: grey green, fine grained</u> occasional band of Flow Breccia with fragments 1 to 2 cm, qtz/carb matrix and 3 to 5% Pyrr/Pyr in places, minor blebs of sphalerite, chalcopyrite & galena as noted in core sample data Sheet No A</p> <p style="text-align: center;">@ 4.6m-15cm qtz/carb vein, 5% Pyr 23.9m-5cm qtz/carb v. minor sp/qn</p>
	<p>textures with epidote in places, CAT @ 35° to core</p>
29.42-38.21	<p><u>ANDESITIC TUFF: grey green, intermittent bands</u> of Flow Breccia with fragments 1 to 2 cm contains qtz/carb shingles with 2% pyr/Pyr, minor blebs of sphalerite, chalcopyrite & galena as per core sample sheet No A.</p> <p style="text-align: center;">@ 31.9m-2cm qtz/carb vein- 2% pyr, minor qn</p>
38.21-39.33	<p><u>ANDESITIC TUFF: AS above, moderately sheared.</u> 2% pyr, minor blebs of qn/cr</p>

DRILLED BY CONNORS DRILLING LTD SIGNED [Signature]

DIAMOND DRILL RECORD

PROPERTY TIDE JOINT VENTURE HOLE NO. T.V. 86-2

SHEET NUMBER Two of Five

SECTION FROM 39.33m TO 94.21m.

DEPTH METERS	FORMATION
39.33-65.55	<p><u>ANDESITIC TUFF</u>: grey green, fine grained, with flow Breccia bands intermittently every 0.8 meter ±, occasional Pthyr/Pyr shingles @ 30° to 45° to core. Minor blebs of chalcopyrite, galena & sphalerite as noted in core sample sheet A & B.</p> <p style="text-align: center;">@ 59.5m - 2cm Pthyr with minor ep</p>
65.55-75.30	<p><u>FLOW BRECCIA</u>: grey green, 1 to 2cm fragments of Andesite & black Tuff, 3 to 4% shingles of Pthyr/Pyr, minor blebs of chalcopyrite as noted in core sample sheet B.</p>
75.30-78.56	<p><u>BANDED TUFF</u>: alternating grey green & grey brown tuffs, massive, fine grained, 2% disseminated Pthyr/Pyr.</p>
78.56-86.58	<p><u>FLOW BRECCIA</u>: grey green, 1 to 2cm fragments of Andesite & black Tuff, 3% shingles of Pthyr/Pyr, minor blebs of chalcopyrite as noted in core sample sheet B.</p> <p style="text-align: center;">@ 85.98-86.58 shng @ 20° to core</p>
86.58-88.42	<p><u>LAMPROPHYRE</u>: Andesite, dark green, massive very fine grained, contact 30° to core.</p>
88.42-94.21	<p><u>ANDESITIC TUFF</u>: grey green, weakly sheared at 35° to core with 10% qtz/carb shingles, 5% Pthyr/Pyr shingles, minor blebs of chalcopyrite in places as noted in core sample sheet B.</p> <p style="text-align: center;">@ 90.9m - 31cm 10% qtz/carb, 8% pyr, 1% ep.</p>

Alvin P. King

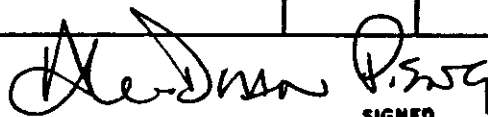
DIAMOND DRILL RECORD

PROPERTY TIDE JOINT VENTURE HOLE NO. T.V. 86-2

SHEET NUMBER THREE of FIVE

SECTION FROM 94.21m TO 126.01m

DEPTH METERS	FORMATION
94.21-97.16	<u>LAMPROPHYRE</u> : Andesite, dk green, fine grained. MASSIVE, upper cnt @ 10°, lower cnt @ 30° to core
97.16-108.00	<u>BANDED TUFFS</u> : alternate bands of grey green and black, occasional qtz/carb shinger with pyrite, minor chalcopyrite, sphalerite and galena as noted in core sample sheet B Includes: @ 105.6 m - 2cm qtz/carb, 60% pyr, 2% sp, minor an 105.8m - 5cm qtz/carb, 20% pyr, 1% sp. 106.2m - 1cm qtz/carb, 40% pyr, 1% sp, minor an 106.4m - 15cm, 55% pyr, 5% sp, 2% an, minor cp 107.7m - 30cm qtz/carb, 3% cp, 1% sp, minor an
108.00-113.95	<u>Flow Breccia</u> : grey green, 1 to 2cm frags of Andesite & black tuff, occasional qtz/carb shinger @ 40° to core, 4% pyrite, minor blebs of chalco & sp as noted in sheet C.
113.95-118.55	<u>ANDSITZ</u> : grey green, massive, fine grained 2% dias pyrite.
118.55-121.09	<u>Flow Breccia & Andesitz Tuff</u> : as above with 3% Pyr & minor cp as noted in core sample sheet C.
121.09-124.70	<u>LAMPROPHYRE</u> : Andesite, green, massive, porphyritic hornblende in places. cnt @ 40° to core
124.70-126.01	<u>SHEARED ANDSITZ TUFF</u> : contains 20% qtz/carb shingers, 4% pyrite, minor an - Assay in core sample sheet C


 SIGNED

DIAMOND DRILL RECORD

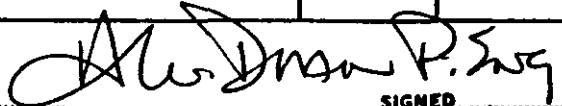
PROPERTY TIDE JOINT VENTURE HOLE NO. T.U. 86-2

SHEET NUMBER Four of fvs

SECTION FROM 126.01m TO 168.44m.

DEPTH	FORMATION
126.01-128.35	<u>HAMPROPHYRE</u> : Basalt, black, massive upper cut @ 45° to core, lower cut @ 20° to core.
128.35-135.88	<u>Flow BRÉCCIA</u> : green, 1cm to 5cm fragments of Andesite & black tuff, occasional qtz/carb shingles, 3% pyr, minor cp & sp in places as noted in core sample sheet C. @ 133.4m - 15cm qtz/carb, 10% pyr, 1% sp
135.88-138.03	<u>HAMPROPHYRE</u> : Basalt, charcoal grey, porphyritic hornblende, contact @ 40° to core
138.03-150.61	<u>Flow BRÉCCIA</u> : green, 1cm to 5cm fragments of Andesite & black tuff, occas. qtz/carb shingles, 5% pyr, minor cp, sp & gn as noted in sheet C and @ 138.8m - 61cm with 30% qtz/carb, 5% pyr, 5% sp, 1% cp & gn. 143.0m - 2cm qtz/carb, 20% pyr, 3% gn/sp
150.61-153.25	<u>HAMPROPHYRE</u> : Feldspar/Hornblende porphyry dark grey massive
153.25-168.44	<u>Flow BRÉCCIA</u> : 1 to 5cm fragments, contains 10 to 15% qtz/carb shingles with minor blebs of cp, sp as noted in sheets C & D. and @ 158.0m - 56cm, 40% qtz/carb, 5% pyr, 1% sp, minor cp 161.8m - 8cm qtz/carb, 4% sp, 1% cp 166.2m - 152cm 40% qtz/carb 10% pyr, 1% sp/cp.

DRILLED BY


 SIGNED

DIAMOND DRILL RECORD

PROPERTY TIDE JOINT VENTURE HOLE NO. T.V. 86-2

SHEET NUMBER FIVE of FIVE

SECTION FROM 168.44m TO 250.92m

DEPTH	FORMATION
168.44-171.49	<u>ANDSITIC TUFF</u> : grey green weakly banded, 10% qtz/carb shingles, 3 to 5% pyr as noted in SHEET D.
171.49-195.94	<u>Flow Breccia</u> ; grey green, fragments up to 15cm, 10 to 15% qtz/carb veins, 2 to 4% pyr & minor sp/cp as noted in SHEET D. and @ 195.3-61cm 40% qtz/carb, 5% pyr, 2% sp, ^{minor} cp
195.94-210.47	<u>ANDSITIC TUFF</u> ; grey green, weakly banded, contains 5 to 10% qtz/carb veins with sp & cp as noted in core sample data SHEET D
210.47-233.64	<u>KAMPROPHYRS</u> ; Andesite, fine grained, massive, epidote in places. @ 220.0m - 20cm of vugs rich in epidote @ 224.0m - 30cm small vugs rich in epidote
233.64-246.44	<u>ANDSITIC TUFF</u> : grey green, weakly banded, occasional band of Flow Breccia with fragments up to 15cm, 2% Pyrite, minor sp/cp noted as per SHEET E
246.44-250.92	<u>Flow Breccia</u> : fragments 1 to 2cm, 2% pyr minor sp/cp as noted in SHEET E
<u>END OF HOLE</u>	
<u>NOTES:</u>	
NO DIP TESTS taken due to excessive water pressure encountered at 218m +/-	
CORRE SAMPLE DATA WITH ASSAYS ATTACHED AS SHEETS A, B, C, D & E	

CORE SAMPLE DATA

SHEET NO 4
HOLE NO: T.V. 86-2

SAMPLES				DESCRIPTION	ASSAYS	
NO	METERS		WIDTH		AU g2/Ton	Ag g2/Ton
	FROM	TO				
70221	4.57	4.88	0.31	15cm qtz/carb, 5% pur	0.003	0.010
70222	6.71	8.23	1.52	Breccia, 30% qtz - 5% pur.	0.008	0.047
70223	17.07	18.29	1.22	50% Breccia, 4% Pthyr, 1% Pthyr, ^{minor} sp/cp	0.003	0.109
70224	18.29	19.38	1.09	20% Breccia 2% Pthyr, ^{minor} sp/cp	0.003	0.010
70225	20.37	21.06	0.69	Breccia, 4% Pthyr, ^{minor} cp	0.005	0.026
70226	23.78	24.39	0.61	5cm qtz/carb v, ^{minor} sp/qn	0.003	0.010
70227	25.76	26.07	0.31	Breccia, 1% blebs of sp/qn	0.003	0.010
70228	28.81	29.12	0.31	75% Breccia, ^{minor} blebs of qn	0.003	0.010
70229	31.81	32.11	0.30	Breccia, 2cm qtz/carb v, 2% pur, ^{minor} qn	0.003	0.010
70230	32.11	32.65	0.54	Breccia, 2% pur, ^{minor} qn	0.003	0.010
70231	34.35	34.96	0.61	50% Breccia, 2% pur, ^{minor} sp/qn	0.003	0.010
70232	35.67	36.18	0.51	Breccia, 2% pur, ^{minor} sp/cp	0.004	0.183
70233	38.21	39.33	1.12	Sheared Vol, 2% pur, ^{minor} qn/cp	0.003	0.010
70234	41.16	41.46	0.30	Breccia with qtz/carb vein	0.003	0.010
70235	43.04	43.42	0.38	Fractured qtz, 4% pur, 71% ^{minor} sp qn	0.023	0.066
70236	48.78	49.39	0.61	Breccia, 2% Pthyr, ^{minor} qn/cp	0.003	0.010
70237	50.46	50.91	0.45	Breccia, 2% Pthyr, ^{minor} qn/cp	0.003	0.010
70238	53.05	54.57	1.52	Breccia, 2% Pthyr shingling, ^{minor} cp	0.003	0.010

CORE SAMPLE DATA

HOLE NO: T.V. 86-2

SAMPLES				DESCRIPTION	ASSAYS	
NO.	METERS		WIDTH		Au	Ag
	FROM	TO		OZ/TON	OZ/TON	
70239	59.45	59.76	0.31	Breccia with 2cm Pyrr - minor CP	0.003	0.074
70240	65.55	67.07	1.52	70% Breccia, 4% Pyrr & Pyr shingls	0.003	0.037
70241	67.07	68.60	1.53	70% Breccia 4% Pyrr/Pyr, minor cp	0.003	0.010
70241	68.60	70.12	1.52	50% Breccia, 3% Pyrr/Pyr, minor CP	0.004	0.010
70243	70.12	71.65	1.53	60% Breccia, 3% Pyrr/Pyr, minor CP	0.003	0.010
70244	71.65	73.17	1.52	fine line of carb shing, 3% Pyrr/Pyr	0.007	0.031
70245	73.17	74.70	1.53	20% Breccia, 3% Pyrr/Pyr, minor CP	0.003	0.010
70246	74.90	75.30	0.40	Breccia, 3% Pyrr/Pyr, minor CP	0.003	0.010
70247	78.56	80.49	1.93	80% Breccia, 3% Pyrr/Pyr, minor CP	0.004	0.010
70248	80.49	82.01	1.52	90% Breccia, 3% Pyrr/Pyr, minor CP	0.003	0.010
70249	82.01	83.54	1.53	70% Breccia, 3% Pyrr/Pyr, minor CP	0.003	0.010
70250	83.54	85.06	1.52	60% Breccia, 3% Pyrr/Pyr, minor CP	0.003	0.090
70251	85.06	85.98	0.92	40% Breccia, 3% Pyrr/Pyr, minor CP	0.006	0.159
70252	90.04	90.85	0.81	Tuff, streaked, 3% Pyrr/Pyr, minor CP	0.012	0.270
70253	90.85	91.16	0.31	Tuff, 4% of carb 8% Pyr, 1% CP.	0.041	1.715
70254	91.16	92.68	1.52	Tuff, 10% of carb, 5% Pyr, minor CP	0.003	0.515
70255	92.68	94.21	1.53	Tuff, 5% Pyr, minor CP.	0.004	0.067
70256	97.16	98.48	1.32	Tuff, 3% pyr shingls, minor CP	0.003	0.010
70257	98.48	100.00	1.52	Tuff, 3% pyr, minor CP.	0.004	0.010
70258	100.00	101.52	1.52	Tuff, 3% pyr shing, minor CP.	0.003	0.010
70259	101.52	103.05	1.53	Tuff, 3% pyr shing, minor CP	0.003	0.057
70260	103.05	104.57	1.52	10% Breccia, 9% pyr, minor CP	0.008	0.117
70261	104.57	105.34	0.77	30% reg, 9% carb, 5% pyr, minor CP/gn	0.003	0.143
70262	105.34	106.25	0.91	1cm, 2cm, 5cm, 40% pyr, 1% sp, minor gn	0.009	0.274
70263	106.25	106.55	0.30	15cm, 55% pyr, 5% sp, 2% gn, CP	0.014	1.709
70264	106.55	107.70	1.15	2-3cm of 30% pyr, 1% gn, 1% sp, 1% CP	0.005	1.060
70265	107.70	108.00	0.30	30% of 3, 3% CP, 1% sp, minor gn	0.046	3.724

CORE SAMPLE DATA

HOLE NO: T.V. 86-2

SAMPLES				ASSAYS		
No.	METERS			DESCRIPTION	Au	Ag
	FROM	TO	WIDTH		OZ/TON	OZ/TON
70266	108.00	109.45	1.45	Breccia, 3% pyr minor CP/SP	0.004	0.261
70267	109.49	110.98	1.45	Breccia, 15% qtz, 3% pyr, minor CP	0.005	0.800
70268	110.98	112.50	1.52	Breccia, 10% qtz/carb, 4% pyr, minor CP	0.003	0.219
70269	112.50	113.95	1.45	Breccia, 15% qtz/carb, 4% pyr, minor CP	0.003	0.398
70270	113.95	115.47	1.52	Andesite, 10% qtz carb string, 2% pyr	0.004	0.136
70271	118.55	119.69	1.14	50% Breccia, 3% pyr, minor CP	0.003	0.039
70272	119.69	121.09	1.40	40% Breccia, 3+4% pyr, minor CP	0.005	0.362
70273	124.70	126.01	1.31	20% qtz/carb, 4% pyr, minor qtz	0.005	0.234
70274	128.35	129.88	1.53	Breccia, 3% pyr, minor CP/SP	0.009	1.156
70275	129.88	131.40	1.52	Breccia, 3% pyr, minor CP/SP	0.007	0.117
70276	131.40	132.93	1.53	Breccia, 3% pyr, minor CP/SP	0.003	0.032
70277	132.93	133.54	0.61	15cm qtz/carb, 10% pyr, 1% sp	0.003	0.010
70278	133.54	135.06	1.52	10% qtz/carb, 2% pyr, minor sp	0.003	0.126
70279	135.06	135.88	0.82	10% qtz/carb, 2% pyr, minor sp	0.007	0.084
70280	138.03	138.82	0.79	Breccia, 4% pyr, minor sp	0.003	0.116
70281	138.82	139.43	0.61	30% qtz, 5% pyr, 5% sp, 1% CP/GW	0.012	3.443
70282	139.43	140.85	1.42	Breccia, qtz/carb string, 2% pyr	0.004	0.131
70283	140.85	142.07	1.22	Breccia, qtz/carb string, 2% pyr	0.010	0.080
70284	142.07	142.99	0.92	Breccia, qtz/carb string, 2% pyr	0.004	0.071
70285	142.99	143.29	0.30	2cm qtz/carb with 20% pyr, 3% qtz/sp	0.003	0.701
70286	143.29	144.82	1.53	Breccia, 5% pyr stringers	0.015	0.140
70287	144.82	146.34	1.52	Breccia, 5% pyr stringers	0.004	0.296
70288	146.34	147.87	1.53	Breccia, 5% pyr stringers	0.003	0.194
70289	147.87	149.39	1.52	Breccia, 5% pyr stringers	0.004	0.025
70290	149.39	150.61	1.52	Breccia, 5% pyr stringers.	0.009	0.165
70291	154.62	156.15	1.53	15% qtz/carb, 3% pyr minor CP	0.003	0.010
70292	158.03	158.59	0.56	40% qtz/carb, 5% pyr, 1% sp, minor CP	0.008	0.128

CORE SAMPLE DATA

HOLE NO: TV 86-2

SHEET NO 1

SAMPLES				DESCRIPTION	ASSAYS	
NO.	METERS		WIDTH		Fe g/t	Ag g/t
	FROM	TO				
70293	161.58	161.89	0.31	8cm qtz with 4% sp, 1% cp.	0.005	1.106
70294	161.89	163.11	1.22	two, 2cm qtz/carb, 3% pyr, minor sp/cp	0.003	0.010
70295	163.11	164.63	1.52	20% qtz/carb, 3% pyr, minor sp/cp	0.006	0.339
70296	164.63	166.16	1.53	20% qtz/carb, 3% pyr, minor sp/cp	0.026	0.140
70297	166.16	166.77	0.61	40% qtz/carb, 10% pyr, 1% sp/cp	0.003	0.451
70298	166.77	168.44	1.67	Beccia, 3% Pyr	0.005	0.092
70299	168.44	170.00	1.56	Tuff, 5% euhedral pyrite	0.006	0.192
70300	170.00	171.49	1.49	Tuff, 3% pyr	0.021	0.150
70601	171.49	173.02	1.53	20% qtz/carb, 3% pyr minor sp/cp	0.003	0.160
70602	173.02	175.30	2.28	5% qtz/carb, 2% pyr minor sp/cp	0.004	0.298
70603	175.30	176.83	1.53	10% qtz/carb, 4% pyr, minor sp/cp	0.003	0.133
70604	176.83	178.35	1.52	15% qtz/carb, 4% pyr minor sp/cp	0.003	0.417
70605	178.35	179.88	1.53	15% qtz/carb, 4% pyr minor sp/cp	0.003	0.033
70606	179.88	181.40	1.52	15% qtz/carb, 4% pyr, minor sp/cp	0.006	0.263
70607	181.40	182.93	1.53	12% qtz/carb, 4% pyr minor sp/cp	0.012	0.648
70608	182.93	184.45	1.52	10% qtz/carb, 3% pyr minor sp/cp	0.005	0.079
70609	184.45	185.98	1.53	10% qtz/carb, 3% pyr, minor sp/cp	0.003	0.206
70610	185.98	187.50	1.52	10% qtz/carb, 3% pyr, minor sp/cp	0.003	0.258
70611	187.50	189.02	1.52	10% qtz/carb, 3% pyr, minor sp/cp	0.003	0.296
70612	189.02	190.55	1.53	10% qtz/carb, 3% pyr, minor sp/cp	0.004	0.130
70613	190.55	192.07	1.52	10% qtz/carb, 3% pyr, minor sp/cp	0.003	0.186
70614	192.07	193.60	1.53	15% qtz/carb, 3% pyr, minor sp/cp	0.003	0.248
70615	193.60	195.33	1.73	5% qtz/carb, 3% pyr, minor sp/cp	0.010	0.010
70616	195.33	195.94	0.61	40% qtz/carb, 5% pyr, 2% sp, Mj	0.032	0.239
70617	195.94	197.56	1.62	Tuff, 5% qtz/carb, 2% pyr, minor cp	0.008	0.078
70618	197.56	199.39	1.83	Tuff 5% qtz/carb 2% pyr, minor cp	0.003	0.078
70619	199.39	201.52	2.13	Tuff 5% qtz/carb, 2% pyr, minor cp	0.003	0.010
70620	201.52	203.05	1.53	Tuff 5% qtz/carb, 2% pyr, minor cp	0.004	0.016
70621	203.05	204.57	1.52	10% qtz/carb, 2% pyr, minor sp/cp	0.003	0.010
70622	204.57	206.10	1.53	10% qtz/carb, 3% pyr, minor sp/cp	0.006	0.304
70623	206.10	207.62	1.52	10% qtz/carb, 3% pyr, minor sp/cp	0.003	0.013
70624	207.62	209.15	1.53	5% qtz/carb, 2% pyr, minor sp/cp	0.003	0.110
70625	209.15	210.47	1.32	5% qtz/carb, 2% pyr, minor sp/cp	0.003	0.010

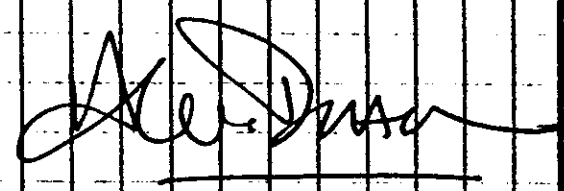
CORE SAMPLE DATA.

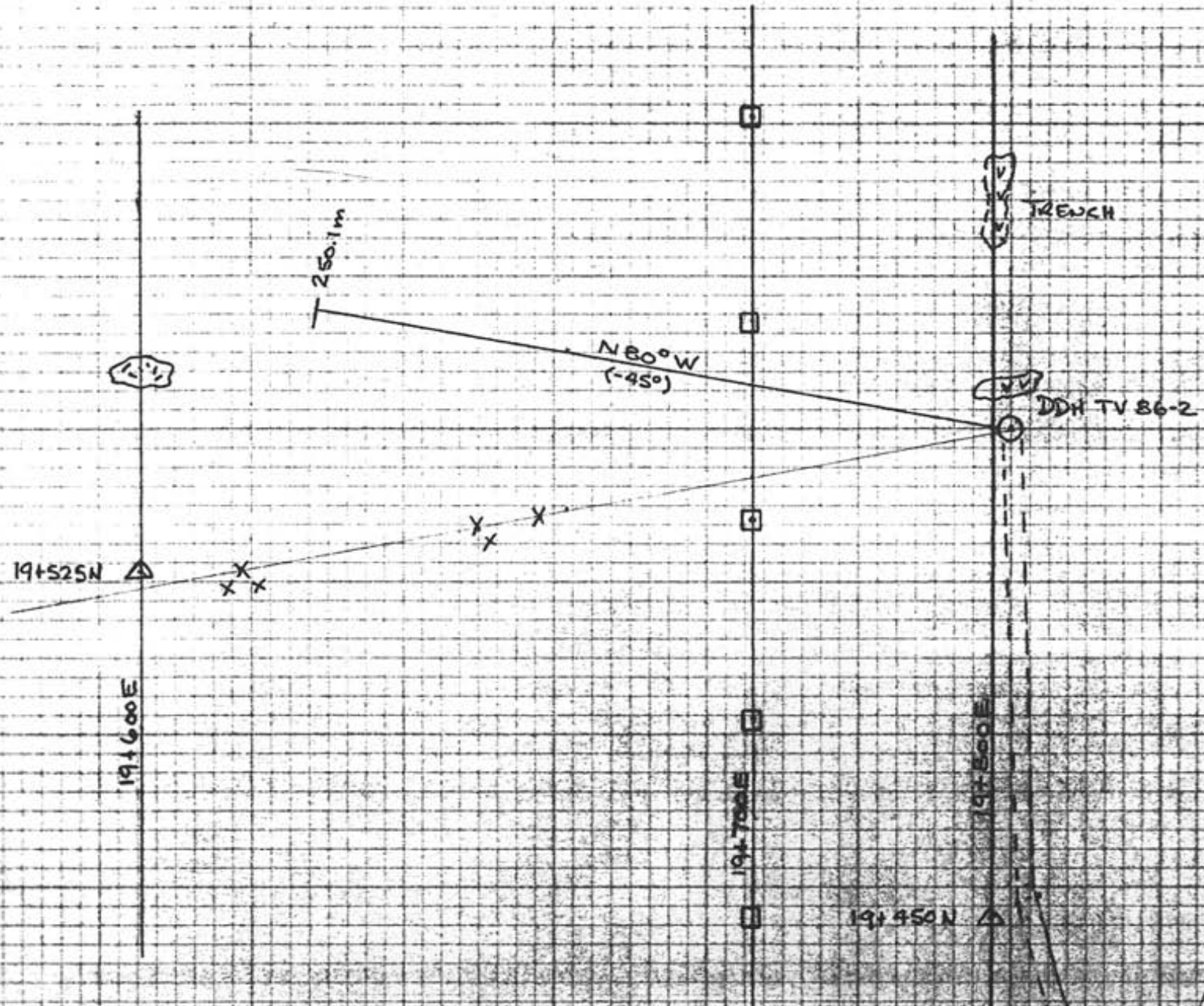
HOLE NO: TV 86-2

SAMPLES				DESCRIPTION	ASSAYS	
NO.	METERS				AU	Ag
	FROM	TO	WIDTH		OZ/TON	OZ/TON
70626	238.11	241.16	3.05	70% Breccia, 2% Pyr, minor sp/cr	0.004	0.158
70627	247.87	250.92	3.05	Breccia, 25% Pyr, minor sp/cr	0.003	0.045

CORE LOGGED BY: A.W. DEAN P.Eng

ASSAYS BY: R. MACDONALD, ASSAYER
FOR NEWCANIA JOINT VENTURE
NAB IN STEWART BC.





LEGEND

- D DIORITE
- V VOLCANIC BRECCIA
- XX BULL QTZ STOCKWORKS
- SOIL COPPER GEOCHEM ANOMALOUS VALUE

TIDE JOINT VENTURE
SKETCH SHOWING
DDH TV 86-2
TIDE 2 CLAIM.

SCALE 1:1500

APPENDIX III

EXPENDITURE

EXPENDITURE

CONNORS INVOICE 13605		
HOLE TV 86-2 - 455-823 -		\$7448.00
A. W. DEAN 2 days @ \$300 -		600.00
N. WYCHOPEN 2 days @ \$150 -		<u>300.00</u>
		\$8348.00



INVOICE NO: 13604
 DATE: September 30, 1986
 CONTRACT NO: 21-646

Connors Drilling Ltd. 2007 West Trans Canada Highway, Kamloops, B.C. Canada V1S 1A7 (604) 374-3366 Telex: 04-88391

Tenajon Silver Corporation
 860 - 625 Howe Street
 Vancouver, B.C.
 V6C 1X9

SURFACE DIAMOND DRILLING
 STEWART, B.C.
AUGUST 31 - SEPTEMBER 4, 1986

MOBILIZATION

TO DISCHARGE POINT AT LUMP SUM \$ 3,500.00

FOOTAGE FEE

HOLE #	SIZE	ANGLE	OPERATION	FROM	TO	FEET	RATE	
TV86-1	BW	-45	OVERBURDEN	0'	3'	3'	24.00	\$ 72.00
TV86-1	BQ	-45	CORING	3'	474'	471'	19.50	<u>9,184.50</u>
								9,256.50

FIELD COST WORK

DATE	OPERATION	MAN HRS	RIG HRS	COMMENTS
31/08/86	MOB/DEMOB	8.0	.0	UNLOAD PUMP ETC. AT SITE
01/09/86	MOB/DEMOB	28.0	.0	UNLOAD TRUCK/BUILD SET UP
01/09/86	TRAVEL	6.0	.0	TO SITE AND BACK
02/09/86	MOB/DEMOB	34.0	.0	FINISH SETTING UP
02/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
03/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
04/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
		<u>100.00</u>	<u>.0</u>	

100 MAN HOURS @ 34.00

3,400.00

TIDE

\$16,156.50



INVOICE NO: 13605
 DATE: September 30, 1986
 CONTRACT NO: 21-646

Connors Drilling Ltd. 2007 West Trans Canada Highway, Kamloops, B.C. Canada V1S 1A7 (604) 374-3366 Telex: 04-88391

Tenajon Silver Corporation
 860 - 625 Howe Street
 Vancouver, B.C.
 V6C 1X9

SURFACE DIAMOND DRILLING
 STEWART, B.C.
 SEPTEMBER 5 - 15, 1986

DRILL # 1

FOOTAGE FEE

HOLE #	SIZE	ANGLE	OPERATION	FROM	TO	FEET	RATE		
TV86-1	BQ	-45°	CORING	474'	671'	197'	19.50	\$ 3,841.50	TIDE
TV86-2	BW	-45°	OVERBURDEN	0'	6'	6'	24.00	144.00	
TV86-2	BQ	-45°	CORING	6'	823'	817'	19.50	15,931.50	\$19,917.00
						1020'			

FIELD COST WORK

DATE	OPERATION	MAN HRS	RIG HRS	COMMENTS
05/09/86	REAMING	4.0	2.0	

Howe 2 455-923
 362' @ 19.50
 \$ 7,176.00
 \$ 12,682.00

OTHER

05/09/86	TRAVEL	8.0 ²⁶	.0	TO & FROM DRILL
06/09/86	MOVING	2.0 ¹³	1.0	MOVE OVER 8 MHRS.
06/09/86	SET UP/DOWN	14.0	7.0	MOVE OVER 8 MHRS.
06/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
07/09/86	MOVING	24.0	12.0	MOVE OVER 8 MHRS.
07/09/86	SET UP/DOWN	18.0	9.0	MOVE OVER 8 MHRS.
07/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
08/09/86	TRAVEL	8.0	3.0	TO & FROM DRILL
09/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
10/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
11/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
12/09/86	TRAVEL	8.0	.0	TO & FROM DRILL
13/09/86	SET UP/DOWN	39.0 ³⁰	12.0	MOVE OVER 8 MHRS.
13/09/86	TRAVEL	10.0	.0	TO & FROM DRILL
14/09/86	SET UP/DOWN	54.0 ⁵²	9.0	MOVE OVER 8 MHRS.
14/09/86	TRAVEL	12.0	.0	TO & FROM DRILL
15/09/86	SET UP/DOWN	42.0 ³²	7.0	MOVE OVER 8 MHRS.
15/09/86	TRAVEL	12.0	.0	TO & FROM DRILL
		295.0	59.0	

TIDE Man Hrs
 55x34 - 1870.00
 BEFORE GP \$14,728.00
 8x34 - 272.00
 7176.00
 TIDE GP \$7448.00
 CSB

295 MAN HOURS @ 34.00 \$10,030.00
 59 RIG HOURS @ 30.00 1,770.00

\$11,800.00

APPENDIX IV

ENGINEER'S CERTIFICATE

CERTIFICATE

I, James W. MacLeod, of 1220 Arbutus Street, in the City of Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. That I am a Consulting Engineer, with a business address at Suite 860, 625 Howe Street, in the City of Vancouver, in the Province of British Columbia.
2. That I am a graduate of the University of Alberta with a degree of B. Sc. in Mining Engineering.
3. That I have actively practiced my profession in mineral exploration since graduation in 1946.
4. That I am a registered Professional Engineer in the Province of British Columbia.
5. That I have been associated with the various programs on the Tide Joint Venture property since 1980 and that I reviewed the core with A.W. Dean, P. Eng., the on site manager.



J.W. MacLeod, B. Sc., P. Eng.

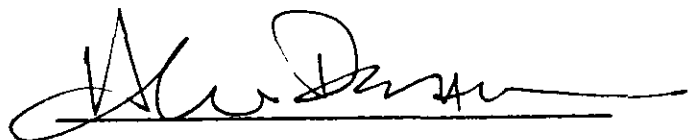
DATED at the City of Vancouver,
Province of British Columbia,
this 17th day of November 1986.

CERTIFICATE

I, Alexander W. Dean of 1327 Lake Bonavista Drive S.E., Calgary, Alberta, do hereby certify that:

1. I am a graduate of the Michigan Technological University holding a B.Sc. in Geological Engineering, 1958.
2. I am registered as a Professional Geologist of the Province of Alberta, and registered as a Professional Engineer of the Province of British Columbia.
3. I have practiced my profession for 28 years mainly in Canada and the U.S.A.
4. The accompanying drill core logs for diamond drill holes T.V. 86-1 and T.V. 86-2 were compiled in the field on the Tide Joint Venture property during the period August 31 to September 14, 1986.

Dated at Calgary, Alberta, this 30th day of October, 1986.

A handwritten signature in black ink, appearing to read 'A.W. Dean', written over a horizontal line.

A.W. Dean, P. Eng.