

86-768 - 15626

DIAMOND DRILL REPORT

on

TIDE JOINT VENTURE
1986 PROGRAM
BERE GROUP

SKEENA MINING DIVISION

56° ~~27'~~ N 130° ~~05'~~ W 104B/~~100~~ 8E, 1E
16.7' 04.4'

for

TENAJON SILVER CORP.
NEWHAWK GOLD MINES
Owner/Operator: NORTHAIR MINES LTD.

by

James W. MacLeod, P. Eng.

Vancouver, B.C.
November 17, 1986

15,626

GEOLOGICAL BRANCH
ASSESSMENT REPORT

SUB-RECORDER RECEIVED	
DEC 1 1986	
M.R. # _____	\$ _____
VANCOUVER, B.C.	

TABLE OF CONTENTS

	Page
INTRODUCTION	1
SUMMARY	2
PROPERTY	4
LOCATION & ACCESS	6
HISTORY	7
GENERAL	8
GEOLOGY	9
MINERAL OCCURRENCES	10
DIAMOND DRILLING	11
CONCLUSIONS	12

MAPS

LOCATION MAP	5
PLAN OF CLAIMS	3

APPENDIX I

Log of Hole 86-1, Assay Data, Plan, Section

APPENDIX II

Log of Hole 86-2, Assay Data, Plan

APPENDIX III

Expenditure

APPENDIX IV

Engineer's Certificate

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.

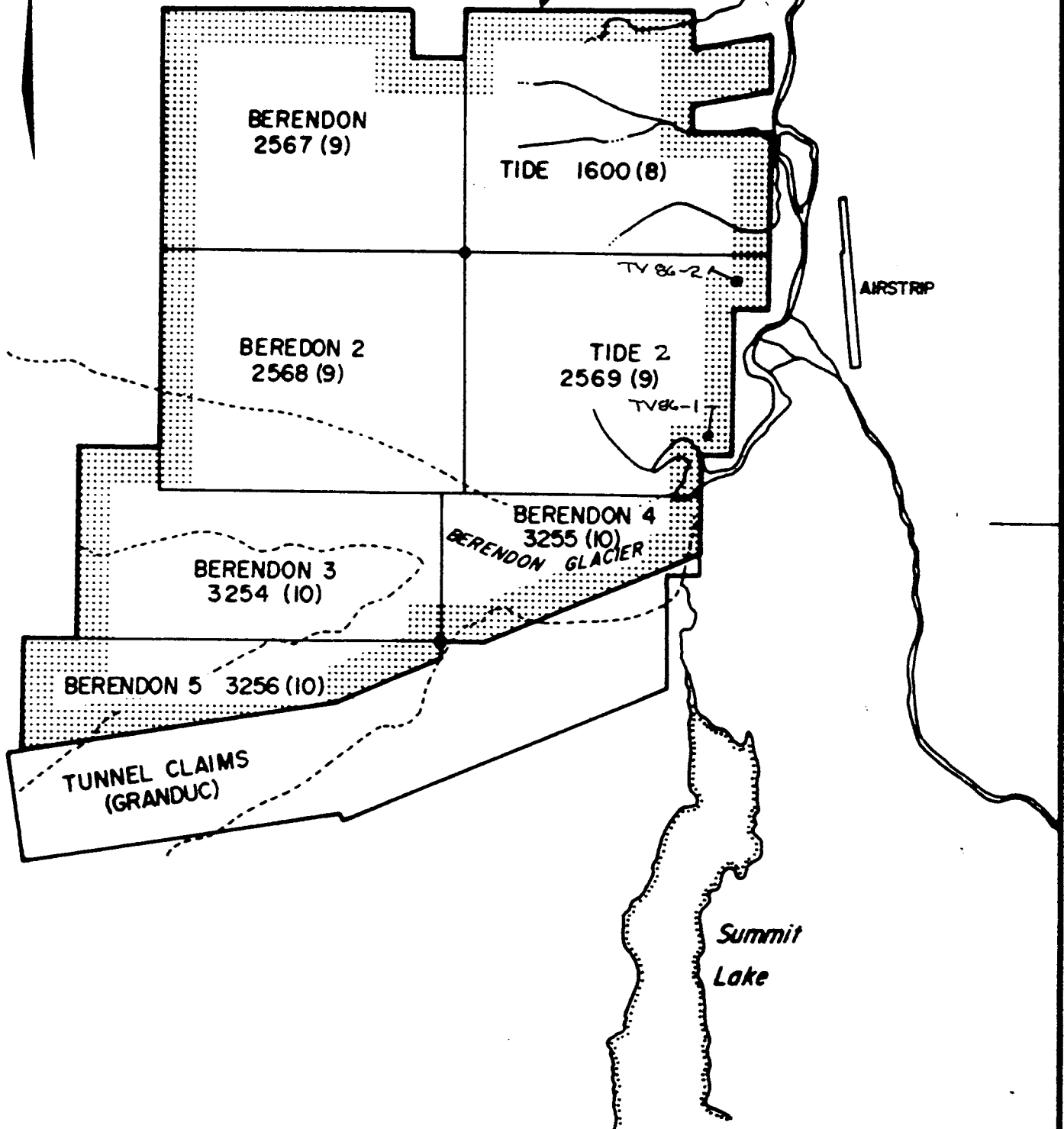
SUMMARY:

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

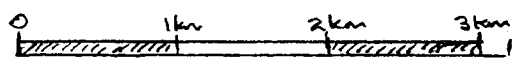
Hole 86-2 was drilled to test a copper-moly-silver soil anomaly in an area of extensive quartz flooding.

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 B1-8E
Date.	Aug. 1986	Scale. 1:50,000

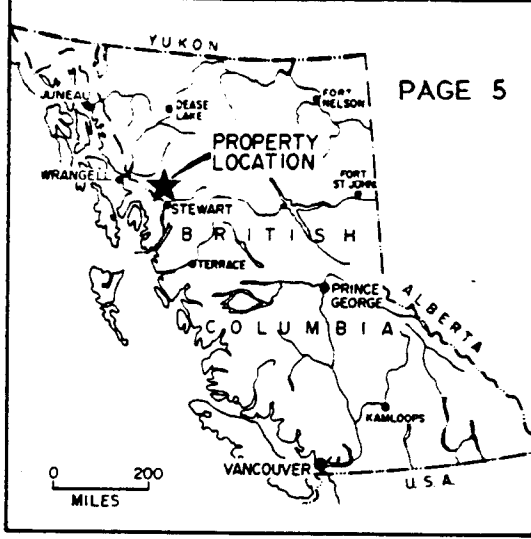
PROPERTY:

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.

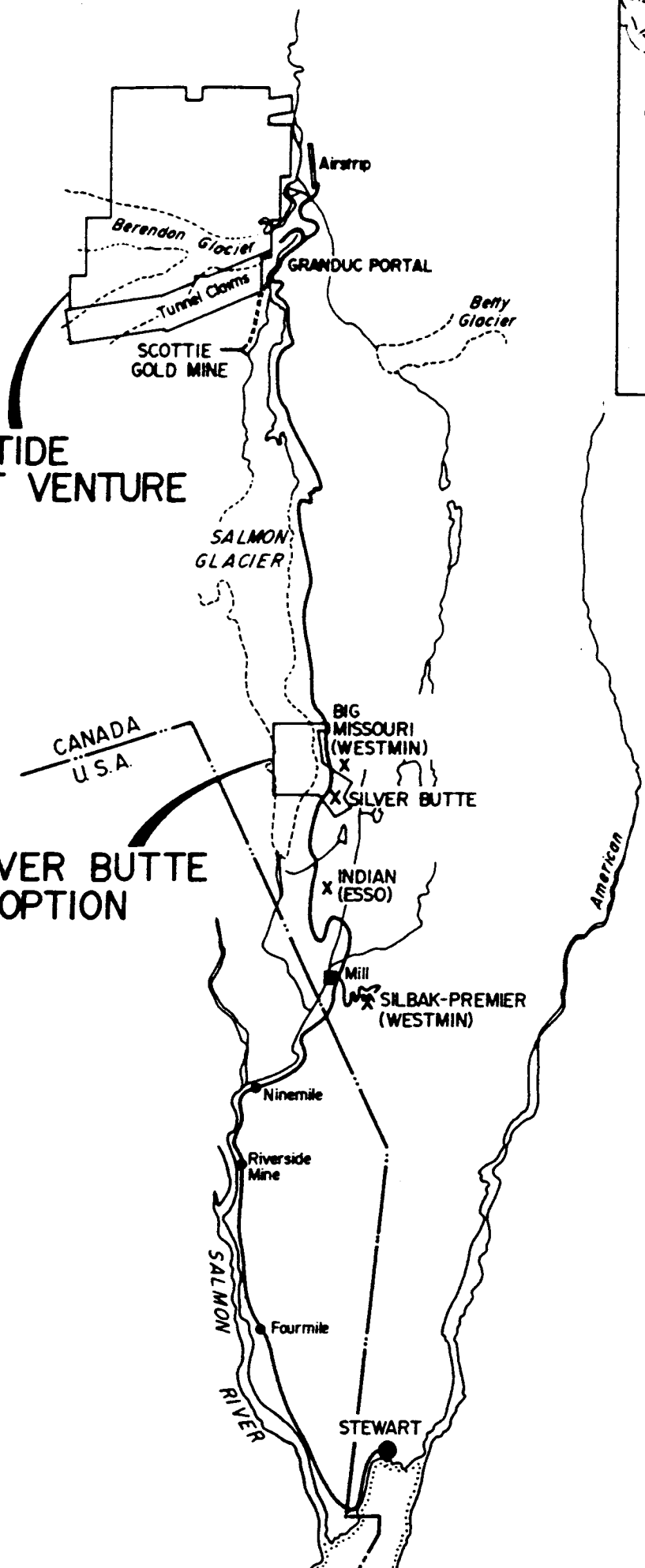
By agreement, Tenajon Silver Corp. and Newhawk Gold Mines Ltd., provide 100% of expenditure and Northair Mines has a 10% retained interest. Tenajon will increase its interest by 1% for each \$10,000 spent.



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:

Page 6

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.

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:

Page 12

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 black ink, appearing to read 'J.W. MacLeod', written in a cursive style.

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> <p style="margin-left: 40px;">① 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 veins, 70% arseno, 10% pyr, minor cp 17.7m - 12cm 8% fine line pyr stringers 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</p>
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> <p style="margin-left: 40px;">① 33.2m - 61cm, silicified shor 1% pyrite 54.1m - 92cm, sil with 1cm pyr & 1% arseno</p>

DRILLED BY CONNORS DRILLING LTD. SIGNED [Signature]

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 shingles, 1 to 2% pyr.</p> <p>@ 65.7 - 46cm, Breccia, 2% pyr.</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 shingles, 2 to 3% pyrite.</p> <p>@ 77.5m - 8cm qtz vein, 4% pyr @ <45° to core 95.2m - 2cm qtz vein, 5% pyr, 1% arseno</p>
105.18-107.32	<p><u>CONTACT ZONE</u>: black gougis clay material, 20% qtz/carb and sil fragments, 4% fine grained pyrite.</p> <p>NOTE: 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 pyrite shingles.</p> <p>@ 114.0m - 54cm irregular qtz/carb, 10% pyr.</p>
144.51-191.77	<p><u>ANDSITIC TUFF</u>: predominately grey green, fine grained, massive with weak banding in places. occasional qtz/carb and pyrite shingles.</p> <p>@ 175.8m - 51cm, silicified, chlorite lines, 4% pyr 179.6m - 31cm, 20% qtz/carb, 10% pyrite. 188.0m - 15cm, qtz/carb vein, 8% pyr. 188.2m - 31cm, qtz/carb shear, 4% pyr.</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	<u>SILICIFIED TUFFS</u> : pale green, aphanitic, generally massive, 3% disseminated pyrite.
196.34-204.57	<u>BANDED TUFFS</u> : mainly Andestic green tuff with occasional grey brown tuff.
<u>END OF HOLE</u>	
<u>ACID DIP TESTS</u>	<u>ETCH ANGLE</u> <u>TRUS. DIP ANGLE</u>
@ 76.2 m	54° 45°
152.4 m	55° 46°
<u>CORE SAMPLE DATA WITH ASSAYS ATTACHED</u>	
<u>COMPRISED OF SHEETS A & B.</u>	

DRILLED BY


 SIGNED

CORE SAMPLE DATA

HOLE NO: TV. 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 gtz v, 5% Limonitic stain	0.003	0.010
70628	8.84	9.53	0.69	ALTZARD Dio., SIL/carb ^{fine line} _{white.}	0.009	0.206
70202	14.86	15.29	0.43	15cm x 8cm gtz v, 5% pyr, 1% Arseno	0.077	5.327
70203	16.90	17.38	0.48	12cm gtz v, 8% pyr, minor Arseno	0.003	0.010
70204	17.38	17.68	0.30	2cm gtz 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 gtz, 4% Arseno, ^{20%} _{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 gtz/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, shored, 2% pyr	0.003	0.010
70632	54.06	54.98	0.92	SIL Diorite, 1.6cm 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 gtz vein, 4% pyr	0.012	0.029

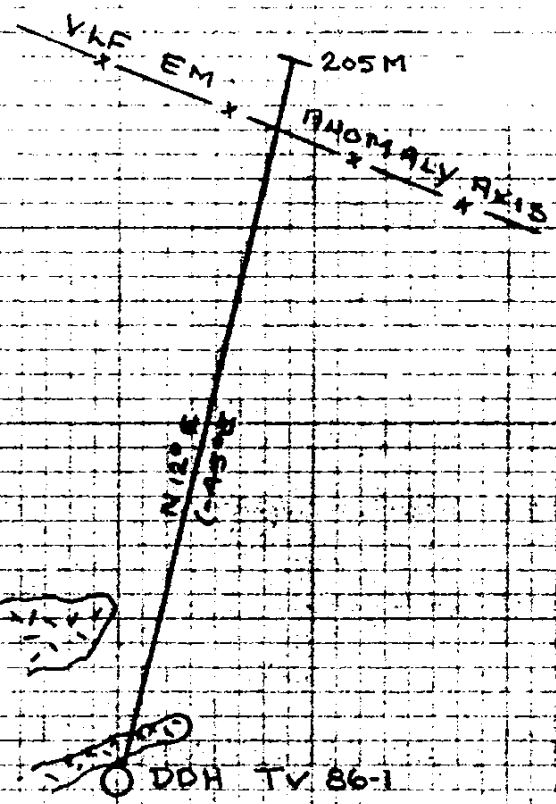
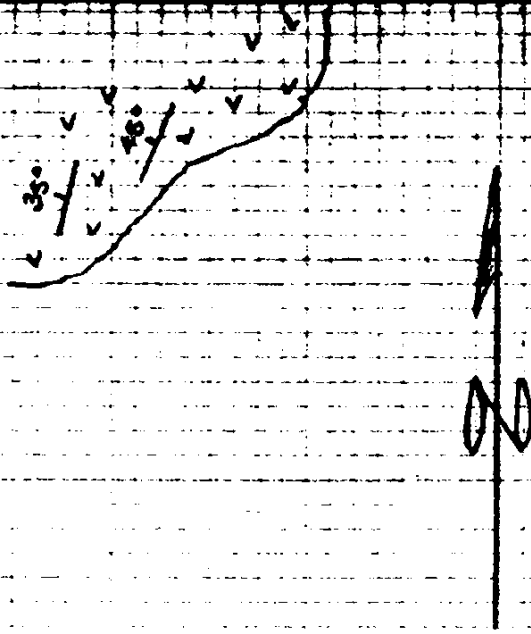
CORE SAMPLE DATA

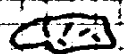
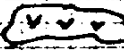

HOLE NO. TV. 86-1

No.	SAMPLES			DESCRIPTION	ASSAYS	
	TO METERS	FROM METERS	WIDTH		Au oz/Ton	Ag oz/Ton
70631	95.12	95.43	0.31	2cm qtz vein with 5% pyr 1% Arago	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

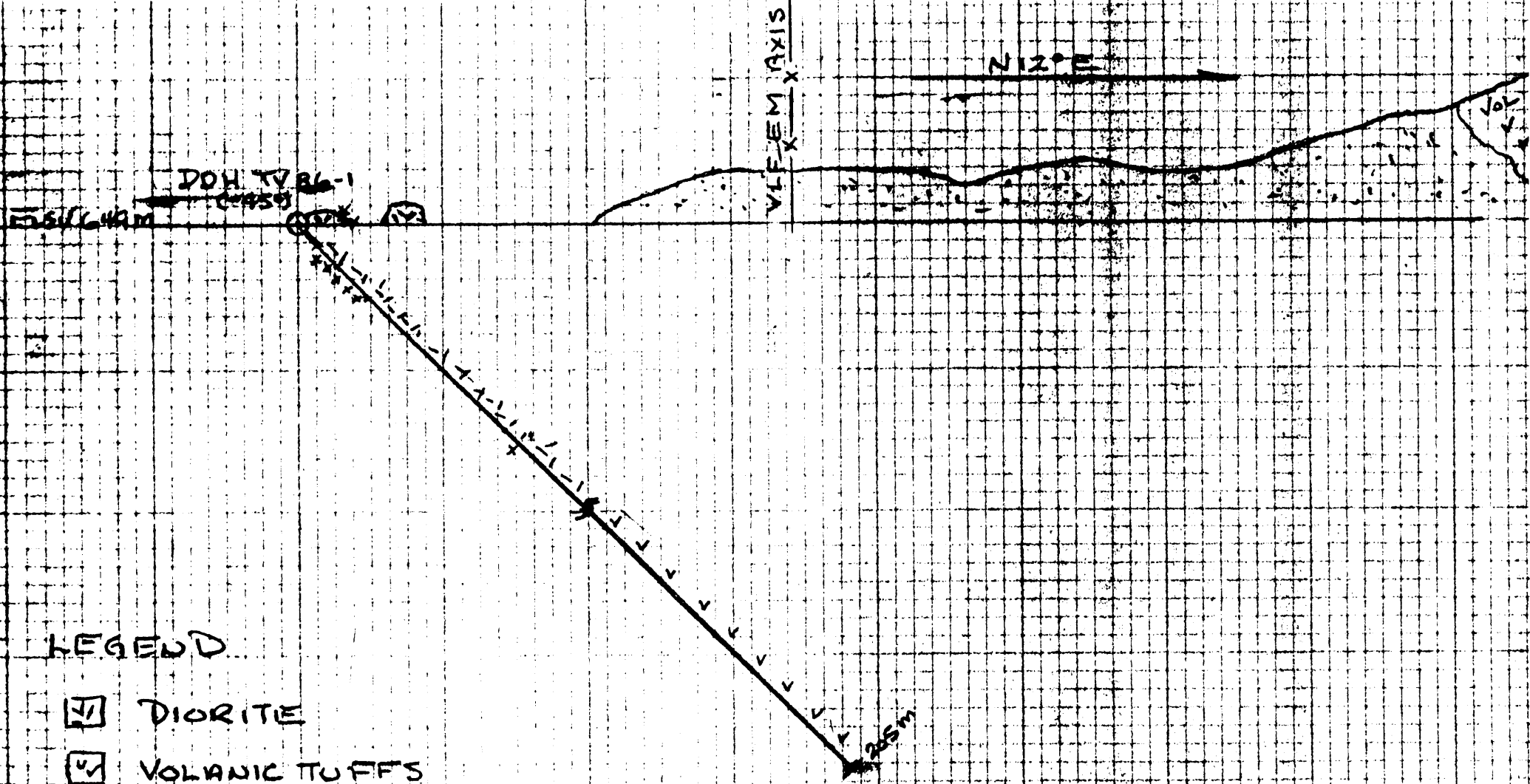
CORE LOGGED BY: A.W. DEAN, P. ENG

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



- LEGEND
-  DIORITE
 -  VOLCANIC TUFFS
 -  QTZ STRINGERS

TIDE JOINT VENTURE
PLAN SKETCH
SHOWING
DDH TV. 86-1
TIDE 2 CLAIM
 SCALE 1:1500



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
 5/23/86 AndDran

APPENDIX II

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	CASING
1.83-29.12	ANDESITIC TUFF: grey green, fine grained, occasional band of Flow Breccia with fragments 1 to 2cm, qtz/carb matrix and 3 to 5% Pyrite/Pur in places; minor blebs of sphalerite, chalcopyrite & galena as noted in core sample data Sheet No A @ 4.6m-15cm qtz/carb vein, 5% Pur 23.9m-5cm qtz/carb v. minor sp/qn
29.12-29.42	LAMPROPHYRE: black basalt, fine grained, vesicular textures with epidote in places, CNT @ 35° to core
29.42-38.21	ANDESITIC TUFF: grey green, intermittent bands of Flow Breccia with fragments 1 to 2cm contains qtz/carb shingles with 2% pur/pir, minor blebs of sphalerite, chalcopyrite & galena as per core sample sheet No A. @ 31.9m-2cm qtz/carb vein- 2% pur, minor qn
38.21-39.33	ANDESITIC TUFF: AS above, moderately sheared. 2% pur, minor blebs of qn/cr

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 meters, occasional Pthyr/Pyr shingles @ 30° to 45° to core. Minor blebs of chalcopryite, 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 chalcopryite 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 chalcopryite as noted in core sample sheet B.</p> <p style="text-align: center;">@ 85.98-86.58 shmr @ 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 chalcopryite 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>

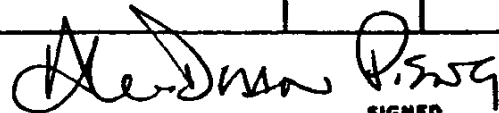
Alvin P. King

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 chalcopirite, sphalerite and galena as noted in core sample sheet B INCLUDES: @ 105.6m - 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% diao pyrite.
118.55-121.09	<u>Flow Breccia & ANDSITZ 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 five

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.
128.35-135.89	<u>Flow Breccia</u> : green, 1cm to 5cm fragments of Andesite & black tuff, occasional qtz/carb shinglers, 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 Breccia</u> : green, 1cm to 5cm fragments of Andesite & black tuff, occas. qtz/carb shinglers, 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 green massive
153.25-168.44	<u>Flow Breccia</u> : 1 to 5cm fragments, contains 10 to 15% qtz/carb shinglers with minor blips 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.

Alan P. Ing
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>ANDESITIC 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 ① 195.3 - 61cm 40% qtz carb, 5% pyr, 2% sp, ^{MINOR} cp
195.94-210.47	<u>ANDESITIC 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>KAMPLOPHYRE</u> ; Andesite, fine grained, massive, epidote in places. ② 220.0m - 20cm of vugs rich in epidote 224.0m - 30cm small vugs rich in epidote
233.64-246.44	<u>ANDESITIC 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	

[Signature]
SIGNED

CORE SAMPLE DATA

SHEET NO 4

HOLE NO: T.V. 86-2

SAMPLES				DESCRIPTION	ASSAYS	
NO	METERS		WIDTH		AU	Ag
	FROM	TO		02/TON	02/TON	
70221	4.57	4.88	0.31	15cm qtz/carb, 5% pyr	0.003	0.010
70222	6.71	8.23	1.52	Breccia, 30% qtz - 5% pyr.	0.008	0.047
70223	17.07	18.29	1.22	50% Breccia, 4% Pthyr, 1% Pyr, ^{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/AN	0.003	0.010
70227	25.76	26.07	0.31	Breccia, 1% blebs of SP/AN	0.003	0.010
70228	28.81	29.12	0.31	75% Breccia, ^{MINOR} blebs of AN	0.003	0.010
70229	31.81	32.11	0.30	Breccia, 2cm qtz/carb V, 2% pyr, ^{MINOR} AN	0.003	0.010
70230	32.11	32.65	0.54	Breccia, 2% pyr, ^{MINOR} AN	0.003	0.010
70231	34.35	34.96	0.61	50% Breccia, 2% pyr, ^{MINOR} SP/AN	0.003	0.010
70232	35.67	36.18	0.51	Breccia, 2% pyr, ^{MINOR} SP/CP	0.004	0.183
70233	38.21	39.33	1.12	Sheared Vol, 2% pyr, ^{MINOR} AN/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% pyr, 7% ^{MINOR} SP AN	0.023	0.066
70236	48.78	49.39	0.61	Breccia, 2% Pthyr, ^{MINOR} AN/CP	0.003	0.010
70237	50.46	50.91	0.45	Breccia, 2% Pthyr, ^{MINOR} AN/CP	0.003	0.010
70238	53.05	54.57	1.52	Breccia, 2% Pthyr shingles, ^{MINOR} CP	0.003	0.010

CORE SAMPLE DATA

SHEET No B
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 Pyrrh - minor CP	0.003	0.074
70240	65.55	67.07	1.52	70% Breccia, 4% Pyrrh & Pyrrh shingles	0.003	0.037
70241	67.07	68.60	1.53	70% Breccia, 4% Pyrrh/Pyr, minor CP	0.003	0.010
70241	68.60	70.12	1.52	50% Breccia, 3% Pyrrh/Pyr, minor CP	0.004	0.010
70243	70.12	71.65	1.53	60% Breccia, 3% Pyrrh/Pyr, minor CP	0.003	0.010
70244	71.65	73.17	1.52	fine line of 1/2 carb shing, 3% Pyrrh/Pyr ^{minor CP}	0.007	0.031
70245	73.17	74.70	1.53	20% Breccia, 3% Pyrrh/Pyr, minor CP	0.003	0.010
70246	74.90	75.30	0.40	Breccia, 3% Pyrrh/Pyr, minor CP	0.003	0.010
70247	78.56	80.49	1.93	80% Breccia, 3% Pyrrh/Pyr, minor CP	0.004	0.010
70248	80.49	82.01	1.52	90% Breccia, 3% Pyrrh/Pyr, minor CP	0.003	0.010
70249	82.01	83.54	1.53	70% Breccia, 3% Pyrrh/Pyr, minor CP	0.003	0.010
70250	83.54	85.06	1.52	60% Breccia, 3% Pyrrh/Pyr, minor CP	0.003	0.040
70251	85.06	85.98	0.92	40% Breccia, 3% Pyrrh/Pyr, minor CP	0.006	0.159
70252	90.04	90.85	0.81	Tuff, streaked, 3% Pyrrh/Pyr, minor CP	0.012	0.270
70253	90.85	91.16	0.31	Tuff, 10% 1/2 carb, 8% Pyrrh, 1% CP.	0.041	1.715
70254	91.16	92.68	1.52	Tuff, 10% 1/2 carb, 5% Pyrrh, minor CP	0.003	0.515
70255	92.68	94.21	1.53	Tuff, 5% Pyrrh, minor CP.	0.004	0.067
70256	97.16	98.48	1.32	Tuff, 3% Pyrrh shingles, minor CP	0.003	0.010
70257	98.48	100.00	1.52	Tuff, 3% Pyrrh, minor CP.	0.004	0.010
70258	100.00	101.52	1.52	Tuff, 3% Pyrrh shing, minor CP.	0.003	0.010
70259	101.52	103.05	1.53	Tuff, 3% Pyrrh shing, minor CP	0.003	0.057
70260	103.05	104.57	1.52	10% Breccia, 9% Pyrrh, minor CP	0.008	0.117
70261	104.57	105.34	0.77	30% 1/2 carb, 5% Pyrrh, minor CP/gw	0.003	0.143
70262	105.34	106.25	0.91	1cm, 2cm, 5cm, 40% Pyrrh, 1% sp, minor gw	0.009	0.274
70263	106.25	106.55	0.30	15cm, 55% Pyrrh, 5% sp, 2% gw, CP	0.014	1.709
70264	106.55	107.70	1.15	2-3cm of 30% Pyrrh, 1% gw, 1% sp, 1% CP	0.005	1.060
70265	107.70	108.00	0.30	30% gw, 3% CP, 1% sp, minor gw	0.046	3.724

CORE SAMPLE DATA

HOLE NO: T.V. 86-2

SHEET NO: C

No.	SAMPLES METERS			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		Au OZ/TON	Ag 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% gw/sp	0.003	0.701
70286	143.29	144.82	1.53	Breccia, 5% pyr string	0.015	0.140
70287	144.82	146.34	1.52	Breccia, 5% pyr string	0.004	0.296
70288	146.34	147.87	1.53	Breccia, 5% pyr string	0.003	0.194
70289	147.87	149.39	1.52	Breccia, 5% pyr string	0.004	0.025
70290	149.39	150.61	1.52	Breccia, 5% pyr string	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: IV 86-2

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

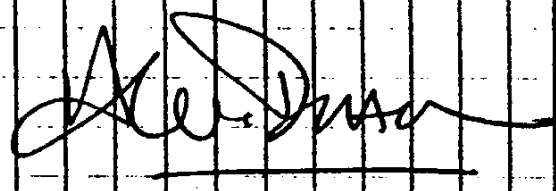
CORE SAMPLE DATA

HOLE NO: TV 86-2

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

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

ASSAYS BY: R. MacDONALD, ASSAYER
 FOR NEWCANIA JOINT VENTURE
 WAB IN STEWART BC.



NEWCANA JOINT VENTURE

ASSAY CERTIFICATE- Diamond Drill Core

CERTIFICATE #: TJ 1

DATE: Sept. 21/86

SAMPLE #	AU oz/ton	AG oz/ton	SAMPLE #	AU oz/ton	AG oz/ton
70225	0.005	0.026			
70222	0.008	0.047			
70216 (6)	0.003	0.010			
70210 (5)	0.004	0.010			
70201 (4)	0.003	0.010			
70215 (3)	0.012	0.029			
70223	0.003	0.109			
70221	0.003	0.010			
70217 (7)	0.003	0.010			
70207 (2)	0.003	0.010			
70218 (8)	0.007	0.059			
70206 (6)	0.003	0.010			
70220 (20)	0.004	0.010			
70205 (5)	0.003	0.010			
70224	0.003	0.010			
70226	0.003	0.010			
70203 (3)	0.003	0.010			
70213 (3)	0.005	0.010			
70219 (9)	0.003	0.010			
70214 (4)	0.003	0.010			

ASSAYER: Robert J. Donald

NEWCANA JOINT VENTURE

27

ASSAY CERTIFICATE- Diamond Drill Core

CERTIFICATE #: TJ 2

DATE: Sept 23/86

SAMPLE #	Au oz/ton	Ag oz/ton	SAMPLE #	Au oz/ton	Ag oz/ton
70211	0.060	0.250	70247	0.004	0.010
70208	0.049	0.077	70273	0.005	0.234
70212	0.720	0.484	70267	0.005	0.800
70202	0.077	5.327			
70619	0.003	0.010			
70259	0.003	0.057			
70240	0.003	0.037			
70601	0.003	0.160			
70615	0.010	0.010			
70278	0.003	0.126			
70271	0.003	0.039			
70242	0.004	0.010			
70286	0.015	0.140			
70204	0.063	0.392			
70209	0.004	0.010			
70272	0.005	0.362			
70617	0.008	0.078			
70610	0.003	0.258			
70299	0.006	0.192			
70300	0.021	0.150			
70620	0.004	0.016			
70611	0.003	0.296			
70270	0.004	0.136			
70613	0.003	0.186			

ASSAYER: Robert MacDonald

NEWCANA JOINT VENTURE

24

ASSAY CERTIFICATE- Diamond Drill Core

CERTIFICATE #: TJ 3

DATE: Sept. 24/86

SAMPLE #	Au oz/ton	Ag oz/ton	SAMPLE #	Au oz/ton	Ag oz/ton
70622	0.006	0.304			
70266	0.004	0.261			
70255	0.004	0.067			
70233	0.003	0.010			
70243	0.003	0.010			
70291	0.003	0.010			
70244	0.007	0.031			
70296	0.026	0.140			
70238	0.003	0.010			
70612	0.004	0.130			
70623	0.003	0.013			
98	0.005	0.092			
70268	0.003	0.219			
70625	0.003	0.010			
70258	0.003	0.010			
70256	0.003	0.010			
70606	0.006	0.263			
70257	0.004	0.010			
70274	0.009	1.156			
70275	0.007	0.117			
70282	0.004	0.131			
70621	0.003	0.010			
70245	0.003	0.010			
70284	0.004	0.071			

ASSAYER: Robert MacDonald

NEWCANA JOINT VENTURE

29

ASSAY CERTIFICATE- Diamond Drill Core

CERTIFICATE #: TJ 4

DATE: Sept 26/86

SAMPLE #	Au oz/ton	Ag oz/ton	SAMPLE #	Au oz/ton	Ag oz/ton
70280	0.003	0.116	70246	0.003	0.010
70262	0.009	0.274	70232	0.004	0.183
70227	0.003	0.010	70239	0.003	0.010
70261	0.003	0.143	70295	0.006	0.339
70294	0.003	0.010	70252	0.012	0.270
70239	0.003	0.074			
70253	(0.041)	(1.715)			
70277	0.003	0.010			
70264	0.005	1.060			
70228	0.003	0.010			
70230	0.003	0.010			
93	0.005	1.106			
70234	0.003	0.010			
70236	0.003	0.010			
70292	0.008	0.128			
70265	(0.046)	(3.724)			
70616	0.032	0.239			
70297	0.003	0.461			
70285	0.003	0.701			
70279	0.007	0.084			
70235	0.023	0.066			
70229	0.003	0.010			
70263	0.014	1.709			
70231	0.003	0.010			

ASSAYER: *Robert McDonald*

NEWCANA JOINT VENTURE

ASSAY CERTIFICATE- Diamond Drill Core

+
CHIP SAMPLES

CERTIFICATE #:

TENAJON

DATE:

Aug 30/86

SAMPLE #	Au oz/ton	Ag oz/ton		SAMPLE #	Au oz/ton	Ag oz/ton
70117	0.003	0.008	TENAJ	CORQUE		
70118	0.003	0.005	"			
70119	0.003	0.007	"			
70120	0.003	0.163	"			
70121	0.003	0.059	"			
70122	0.077	8.580	N BDRM	TENAJ Norm's 9/2 - calc		
70123	0.003	0.007	"			
70124	0.003	0.081				
70125	0.024	4.145	HG CRE	k schest + fls pyri		
70126	4.327	28.078	"	1" galena		TIDE
70127	0.047	2.126	"	1' qb + galena		
70128	0.004	0.254	H01231			
70129	0.005	0.371	"			
		101				

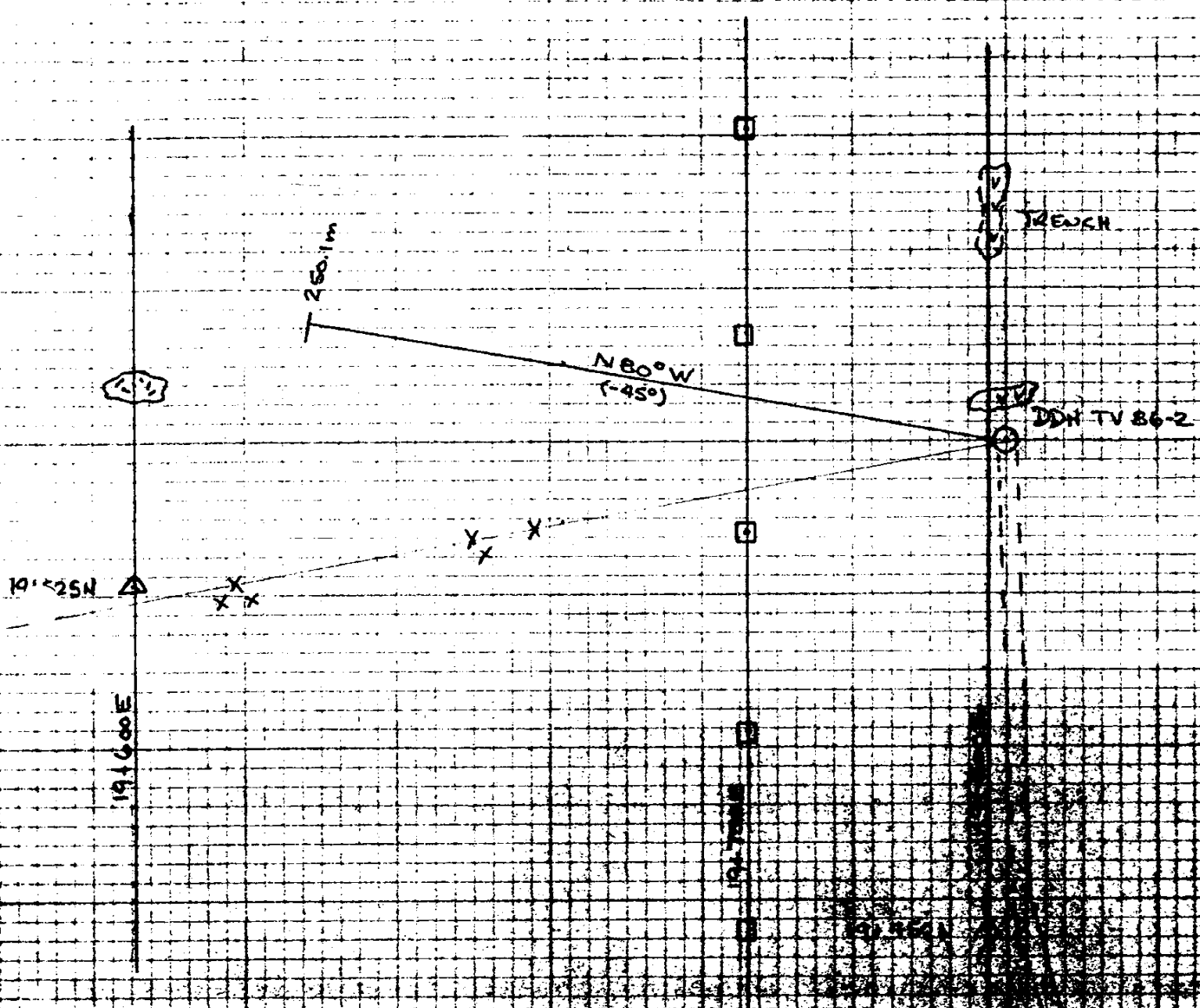
TSS

ASSAYER:

Robert MacDonald

13 @ 11"

J
5/9/86



LEGEND

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

TIDE 2 CLAIM
SKETCH SHOWING
DDH TV 86-2
TIDE 2 CLAIM
 SCALE 1:1500

APPENDIX III

EXPENDITURE

EXPENDITURE

<u>CONNORS</u> -	Hole 1 to 671'	
	Hole 2 to 455'	
	Invoice 13604 -	\$16,156.50
	Invoice 13605 -	14,728.00
A. W. Dean	14 days @ \$300 -	4,200.00
N. Wychopen	14 day @ \$150 -	2,100.00
J. W. MacLeod	5 days @ \$300 -	1,500.00
Assaying	105 @ \$11.0 -	<u>1,155.00</u>
		\$39,839.50



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	
						1020'			\$19,917.00

FIELD COST WORK

DATE	OPERATION	MAN HRS	RIG HRS	COMMENTS
<u>DRILLING</u>				
05/09/86	REAMING	4.0	2.0	

Howe 2 455-823
 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 ²⁶	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	12.0	MOVE OVER 8 MHRS.
13/09/86	TRAVEL	10.0	.0	TO & FROM DRILL
14/09/86	SET UP/DOWN	54.0	9.0	MOVE OVER 8 MHRS.
14/09/86	TRAVEL	12.0	.0	TO & FROM DRILL
15/09/86	SET UP/DOWN	42.0	7.0	MOVE OVER 8 MHRS.
15/09/86	TRAVEL	12.0	.0	TO & FROM DRILL
		<u>295.0</u>	<u>59.0</u>	

TIDE Man Hrs
 55x34 - 1870.00
 BEBE GP \$14,728.00
 8x34 - 272.00
 7,176.00
\$7,448.00

CSB

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

11,800.00

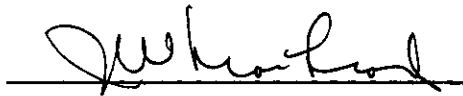
APPENDIX IV

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

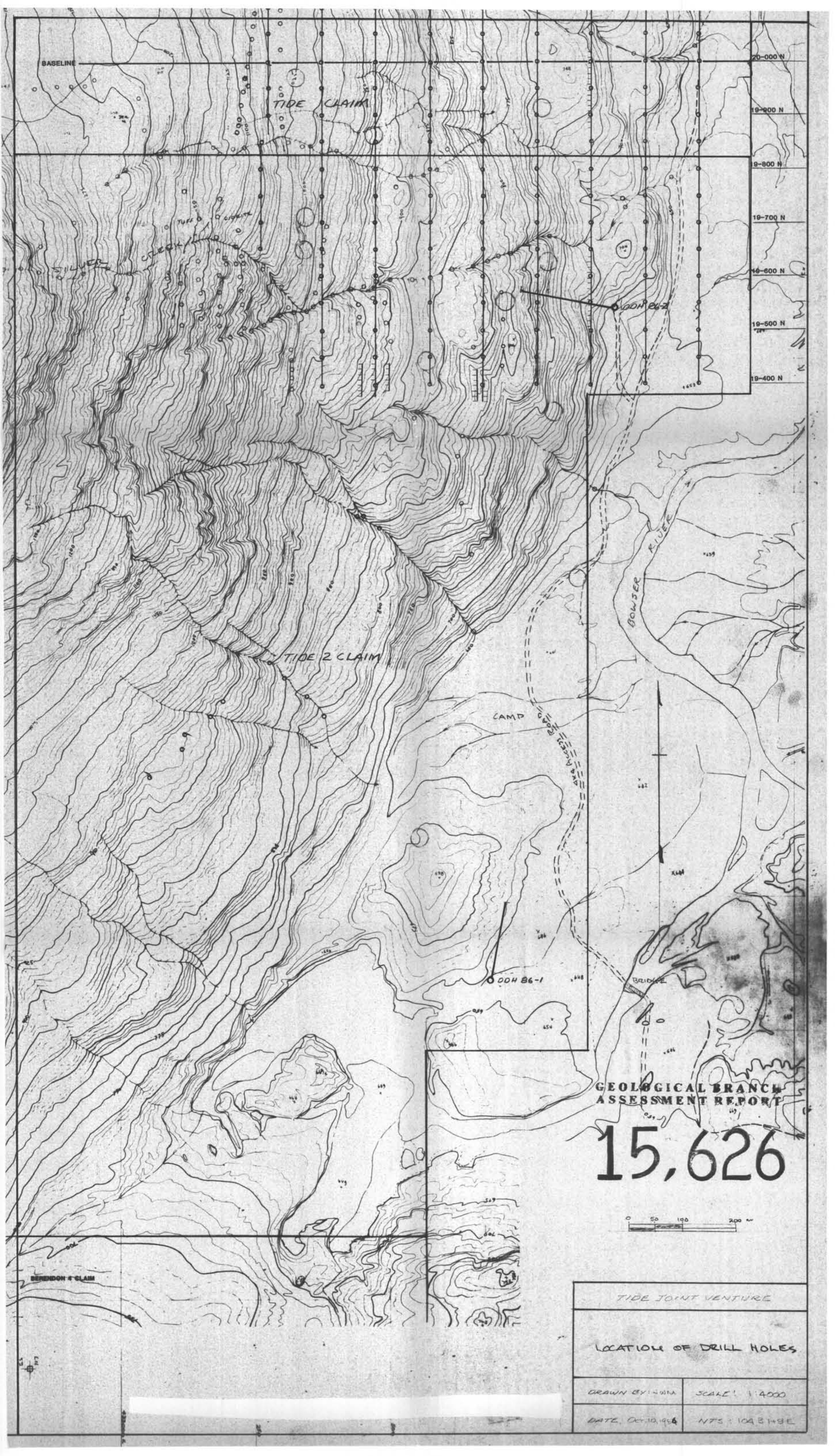
I, Alexander W. Dean of 1327 Lake Bonavista Drive S.E., Calgary, Alberta, do hereby certify that:

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.

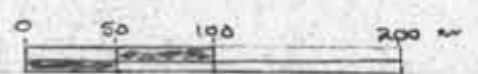
A handwritten signature in black ink, appearing to read 'A.W. Dean', written over a horizontal line.

A.W. Dean, P. Eng.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,626



TIDE JOINT VENTURE	
LOCATION OF DRILL HOLES	
DRAWN BY: JUNA	SCALE: 1:4000
DATE: OCT. 10, 1966	NTS: 1043148E