84-1172- 13039

1984 Assessment Report

Diamond Drilling

Property:	GRAND UNION
Claim:	Inez Fr., Cliff, Rand Fr., Grand Union, Star Shine, Risk Fr., Peggy Fr., Lucy, etc.
Commodity:	Copper, Silver
Location:	Erie Creek
	Four Km W of Salmo 49°20, 117°23
	N.T.S. 82F/6W
	~~New Westminster~~ M.D. NELSON
Consultant	L. Sookochoff, P.Eng
and	Sookochoff Consultants Inc.
Author:	311-409 Granville Street
	Vancouver, B.C., V6C 1T2
Owner and	HOMESTEAD RESOURCES INC.
Operator:	Vancouver, B.C.
Submittal Date:	September 6, 1984.

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1984 Exploration Results

of the

GRAND UNION PROPERTY

PART A

SUMMARY

HOMESTEAD RESOURCES INC. holds 22 contiguous claims on Erie Creek 20 km east of Castlegar and adjacent to the former gold producer - the Second Relief Mine - from which some 100,000 ounces of gold were produced from 1900 to 1959.

The Second Relief vein is persistent for a distance of "a thousand feet" and is developed by eleven levels. Massive sulphide gold bearing zones over widths of "eighteen inches" in addition to free gold and pyrrhotite, chalcopyrite and arsenopyrite in zones up to "seven feet" in width occur within the veined structure. Grades mined and processed were up to 0.5 oz Au/ton in 1937.

On the HOMESTEAD GRAND UNION PROPERTY, Relief-Arlington Mines explored and developed two veins - the Rand and Inez. The veins could be traced for up to 750 meters on surface and were developed by two levels for up to 450 meters to the Cliff claim (Rand) which was not owned by Relief-Arlington.

Relief-Arlington reported that the final 82 meters of the 268 meter long Rand No.1 drift returned an average of .25 oz Au/ton across a minimum mining width of .9 meters. In addition the Rand No.2 drift disclosed intervals of mineralization averaging 0.31 oz Au/ton.

Surface channel samples taken from the vein near the end of the underground workings returned up to .623 oz Au/ton across 0.6 meters.

The Inez workings reportedly contain a 120 meter mineralized zone which averages 0.32 oz Au/ton over "four feet". The lower drift reportedly contained three mineralized sections over 55 meters averaging 0.38 oz Au/ton across "four feet".

Samples taken (1984) from the Inez vein 700 meters from the No.2 adit returned values of up to .359 oz Au/ton across 2.64 meters (8.66 feet). The mineralized zone averages .305 oz Au/ton across one meter over a strike length of 35 meters.

Diamond drilling (1984) in the sampled area in the Inez vein returned up to 9.92 oz Au/ton over .46 meters.

Geophysical and geochemical surveys completed over localized areas of the property disclosed an indicated eastward extension of the Second Relief Vein on to the Grand Union Property.

In addition other correlative anomalous areas indicate potential mineral bearing structures.

CONCLUSIONS

The Rand and Inez Vein systems offer the potential for the development of sufficient gold bearing material to establish an economic mine-mill complex.

The potential for developing tonnage on the Rand-Inez Vein structures are:

1) Within the bounds of the present drifts where previous assays indicate that potentially economic gold values are indicated. The workings should be made accessible to check the extent of stoping (if any) in these areas.

2) Below the vein system and more so the Rand No.1 drift level where the 82 meter mineralized zone (.25 oz Au/ton) was not explored or developed by the lower No.2 level.

3) Along the westward extension of the Rand vein system where previous inderground development was terminated due to property boundary limits.

4) Along the westward extensions where the Inez 1984 surface sampling and diamond drilling indicated economic gold bearing zones.

Additional areas of locating potential mineralized zones are:

1) Along the eastward extension of the Second Relief Vein system where geophysical and geochemical anomalies suggest a continuation of the mineralized structure.

2) Within the delineated correlative anomalous areas as indicated from the 1984 exploration program.

Although the more significant gold values appear to be restricted to the quartz veins within the Rand-Inez systems, gold mineralization and thus potentially large tonnage zones could and do occure within rhyolite (Inez) dacitic or dioritic (Second Relief) units. These gold bearing volcanic units should be explored for in association with quartz veining, massive sulphide zones or along volcanic-sedimentary contacts. Inherent characteristics of these conformable units would provide clues as to potential gold content.

RECOMMENDATIONS

A two stage diamond drilling program is recommended to develop mineral zones on the Rand, Inez and Second Relief vein systems. In conjuction with the drilling, follow-up geochemical and geophysical surveys would be initiated over prime areas as determined in the 1984 program. The cost of the recommended exploration and development program is estimated at $500,000.

Respectfully submitted

Laurence Sookochoff, P.Eng.

September, 6, 1984
Vancouver, B.C.

Report on the

1984 Exploration Results

of the

GRAND UNION PROPERTY

PART B

INTRODUCTION

During the 1984 exploration season, HOMESTEAD RESOURCES INC. completed an exploration program of geochemical, geophysical and geological surveys, surface rock sampling and diamond drilling on the Grand Union Property.

The program was initiated upon the recommendations as set out in a Geological Report on the property by J. S. Kermeen, P.Eng. dated January 16, 1984.

John Robins geologist, supervised the field program under the direction of the writer. D. Vieweger of Homestead Resources was the field co-ordinator of the project. Geotronic Surveys of Vancouver carried out the VLF-EM survey, recce geological mapping and the interpretation of the geophysical and geochemical results. The results of the surveys are summarized with detailed results presented by D. Mark, geophysicist of Geotronic Surveys under separate cover dated September 5, 1984.

Information for this report was obtained from sources as cited under bibliography and from personal property examinations carried out on May 10, May 29-30 and June 13, 1984.

PROPERTY

The property consists of 22 contiguous claims comprised of three crown granted claims, 14 reverted crown grants, two staked two post claims and three grid claims totaling 37 units. Particulars are as follows:

Claim Name	Lot No.
Crown Grants	
Inez Fr.	14669
Cliff	2915
Rand Fr.	14666

Claim Name	Record No.	Lot No.	Expiry Date
Reverted Crown Grants			
Grand Union	590	2467	April 14, 1987
Star Shine	1147	2466	August 8, 1986
Risk Fr.	1148	14655	August 8, 1986
Peggy Fr.	1149	14656	" "
Lucy	1150	14661	" "
Gus Fr.	1151	14662	" "
Eva Fr.	1152	14665	" "
Dolly	1314	14664	October 26, 1986
Rhodes Fr.	1315	14667	" "
Amos	1316	14670	" "
Lee	1831	14658	July 22, 1986
Pitt	1832	14659	" "
Winnie	1833	14660	" "
Dale	1834	14663	" "

	Units	Record No.	
Staked			
Lil Geez		592	April 14, 1987
Digit		1181	August 8, 1986
Rush #1	15	3552	October 26, 1984
Rush #2	10	3553	October 26, 1984
Deejay	12	3452	August 9, 1986*

* Assessment work approval pending.

The claim status was obtained from the Nelson Gold Commissioners office on September 4, 1984. Any legal aspects pertaining to the claim group is beyond the scope of this report.

LOCATION AND ACCESS

The property is located 418 kilometers east of Vancouver and 40 km northwest of Trail where smelting facilities are located. Castlegar, which is served daily by commercial airline is 20 air kilometers east and 75 km by road via Trail.

Access is provided from the southern trans provincial highway No.3 four km west of Salmo and 35 km east of Trail, by a secondary logging road northward for 18 km. Four wheel drive roads provide access to some showings on the property.

WATER AND POWER

Sufficient water for all phases of the exploration program would be available from Erie Creek - the main creek on the property - or from numerous other water courses within the property boundaries.

HISTORY

The history of the immediate area stems from the Second Relief Mine where production from the Second Relief Vein was sporadic prior to 1933 and continuous from 1933 to 1941. Production totalled some 250,000 tons of 0.39 oz/ton Au and 0.13 oz/ton Ag from eleven levels.

A 1939 report by Relief-Arlington Mines Ltd., the operator of the Second Relief for the year 1938, reported treating 29,367 tons of ore (34.74% of the tonnage received from the mine) averaging 0.44 oz Au/ton from which 12,344 ounces of gold and 3,733 ounces of silver were recovered. In 1937 26,822 tons were milled grading 0.5 oz Au/ton with 13,170 ounces of gold and 3,569 ounces of silver recovered. At the end of 1938 reserves were estimated at 83,261 tons averaging 0.30 oz Au/ton

In 1939 31,498 tons were milled averaging 0.49 oz Au/ton with 14,896 oz Au and 3,675 oz Ag recovered.

In 1940 mining was carried out on the 11th level of the Second Relief which was the lowest limit of the underground workings. Tonnage treated at the mill for the year was 31,680 averaging 0.351 oz Au/ton with 10,603 oz of gold and 3,634 oz of silver recovered.

Reserves on the Rand, Inez and main Second Relief Veins were reported by Arlington Relief Mines in 1940 (as of Dec. 31, 1939) at 19,417 tons averaging 0.26 oz Au/ton.

From 1900 to 1959 production totalled (MINDEP) 100,235 oz Au, 27,856 oz Ag, 555 lb Cu, 2,330 ob Pb and 324 lb Zn.

The first mention of the Inez and Rand veins was in 1936 (Cockfield) when

> *"a vein has been traced continuously for about 800 feet by a series of open units. It strikes north 70 degrees east and dips 75 degrees northwest and ranges from 1 to 3 feet wide"*

In 1937 the "vein... has been opened by drifting over a length of several hundred feet."

In 1938 "on the showings... 1,406 feet of trenching was done by hand and 4,290 feet of stripping was done by bulldozer as well as 1,689 feet of drifting, 176 feet of crosscutting and 766 feet of diamond drilling."

Additional mention in an annual report was that the exploration work on the Inez and Rand veins by Relief-Arlington Mines was explored for a distance of "942 feet" from a new drift No.2 driven from a point vertically below No.1 adit driven in 1937.

There was not any mention of production from the Inez or Rand veins (MINDEP) however if any material was processed the production would probably have been included in the Second Relief production statistics.

In 1969 Calmark Exploration Ltd. carried out geochemical and magnetometor surveys in addition to underground and surface geological mapping and some underground work over ground presently held by Homestead Resources.

The magnetometer survey results showed magnetic relief in some areas over the Rand and Inez veins. Other trends were paralleling the intrusive contact, paralleling Erie Creek and the westerly dipping andesite dykes.

Soils from the geochemical survey were only assayed for mercury. Mercury anomalous readings were recorded associated with shearing, weakly mineralized quartz veins and several old workings. Other anomalies were associated with disseminated magnetite in the granodiorite, with quartz veining and with a diorite prophyry.

A mercury and magnetometer anomaly was delineated along the eastern extension of the Second Relief Vein.

In 1981 two ore shipments were made to the Trail smelter by HOMESTEAD RESOURCES. The material was taken from the surface on the Digit Fraction and was comprised of 22.37 tons averaging 0.275 oz Au/ton and 7.78 tons averaging 0.4490 oz Au/ton.

GEOLOGY

The geology of the property is described in a report by Wayland S. Read, P.Eng. for Calmark Resources Ltd. dated November 29, 1969.

Generally a granodioritic Nelson intrusive is in contact with rocks of the Rossland Formation in a general east-west trend through the property.

The granodiorite with minor variations from quatz diorite to monzonite is medium to coarse grained greyish white in color. Augite is abundant, hornblende and biotite minor.

Volcanic members of the Rossland-Beaver Mountain Group consist mainly of very hard dark colored andesites and darker andesitic porphyries, augite and feldspar being the most prominent phenocyrsts.

Interbedded or interformational argillites, slates, andesites and minor tuffs are present. The argillites are soft, finely laminated grayish colored rocks slates being somewhat harder and darker in color.

Diorite porphyry dykes are of a fine grained dioritic ground mass of feldspar and mafics. The dykes are reportedly pre-mineral.

Other dykes include coarse grained quartz-eye porphyry or feldspar porphyry with grayish rounded pheocrysts of quartz and anhedial phenocrysts of feldspar.

The greenstones are intruded by diorite tongues of various widths. At or near the contacts between these rocks very persistent fracturing varying in intensity occurs. These fractures in some cases are filled with quartz and in other cases the country rock is altered and highly silicified.

Preliminary 1984 geological mapping results are reported on by D. Mark in a report on the property dated August 22, 1984.

The Second Relief vein varies in width with the vein and mineralized wall rock up to "seven feet" in width. The vein is persistent for a distance of a "thousand feet" in strike and is developed by eleven levels. The vein is cut by numerous dykes varying in width from a "few inches up to twenty feet". The dykes diminish in width generally to the west, dip steeply to the east and cut the vein at an acute angle.

A major fault displaces the vein "ninety feet to the north in the 4th level.

On the Grand Union Property the Rand and Inez veins are located within 700 meters to the west and approximately 300 meters north of the westward projection of the Second Relief Vein and were explored by Relief-Arlington Mines during the period of production from the Second Relief property.

The Rand Vein could be traced underground from the No.2 to the No.1 tunnel, and on surface from the No.1 tunnel for a total distance of 420 meters westward.

The veins converge to the east-northeast and may be less than 15 meters apart at the portal crosscut. The Rand vein has been cut off at the portal crosscut by a strong fault containing seven to twelve cm of gouge and crushed wallrock. The strike of the fault is N68°E and dips from 69° to 80° NW

The Inez vein could be traced for 750 meters west -south west from the No.2 tunnel. At the portal the vein is on a hanging wall of a banded, hard, light buff(one meter thick) rhyolite dyke that has a strong fault paralleling the footwall.

Mineralization

At the Second Relief pyrhotite, chalcopyrite, arsenopyrite and pyrite predominate with gold occuring with all sulphides. Free gold also occurs as very fine flakes and minute particles. Solid sulphides over widths of "eighteen inches" occur and could be consistent for up to "thirty feet" These massive sulphide zones generally return high gold values.

Sulphides in very fine stringers occur in the wall rocks along fractures.

On the Rand Vein the No.2 adit reportedly disclosed eight short mineralized lenses with an aggregate length of 41 meters which averaged 0.31 oz Au/ton across"four feet".

Documented results of sampling by Relief-Arlington Mines indicates that in the final 82 meters (271 ft.) of the 268 meter (880 foot) Rand No.1 drift averages .25 oz Au/ton (face samples) across a minimum mining width of .9 meter (FIGURE 4).

The intervals, widths and assay results are as follows:

Intervals (feet)	Average width (inches)	Assay (oz Au/ton)
25	38.8	.196
34	36.2	.223
27	36.0	.108
13	36.6	.308
14	36.0	.198
39	36.4	.068
43	36.6	.577
26	82.6	.301
50	36.5	.180
271 (82 meters)		

The amount of stoping in this area, if any, is not known.

Relief-Arlington Mines reported that surface exposures on the Inez Vein disclose a generally narrow, erratically mineralized and possiblly discontinuous structure which converges northeastward on the Rand vein. The northeasterly section of this structure shows the greatest strength and in a strike length of 120 meters mineralized lenses with an aggregate length of 70 meters were uncovered which averaged 0.32 oz Au/ton over "four feet".

Underground drifting in 1938 below the best part of the northeasterly section on the surface cut, in a drift length of 66 meters, three ore lenses aggregating 55 meters in length reportedly averaged 0.38 oz Au/ton across "four feet".

Thirteen additional workings on nine separate mineral occurrences other than those on the Rand and Inez vein systems were located in a 1969 exploration program.

Assays of samples taken by J. Kermeen (1983) from a portion of the Inez vein which cuts across the northwest portion of the Digit claim assayed up to 1.96 oz Au/ton (grab) and .70 oz Au/ton across 37 cm.

1984 Exploration Program

During the 1984 exploration season HOMESTEAD RESOURCES INC. completed geochemical and geophysical surveys and recce geological mapping in addition to diamond drilling.

Channel samples were taken by J. Robins (1984) from vein exposures 700 meters southwest of the No.2 adit on the Inez vein and 250 meters southwest of the terminus of the Inez underground workings (Figure 6) and on the Rand Vein 235 meters west of the No.1 adit at or near the western terminus of the underground workings (FIGURE 15)

Sample Site	Location	Length (cm)		Assay oz Au/ton	Weighted Avg
Channel 1	Inez vein	10		.018	
		15		.047	
		34		.031	
		24		.430	
		90	129cm	.022	.130
		15		.301	
		60		.007	
		248			
Channel 2	5 meters west of Chan 1	90		.582	
		15		.006	
		150	270cm	.050	.256
		15		.550	
		43		.024	
		313			
Channel 3	6 meters west of Chan 2	30		.217	
		15		.015	
		30	135cm	.145	.134
		60		.094	
		75		.006	
		30		.094	
		30		.006	
		10		.072	
		20		.009	
Channel 4	12 meters west of Chan 3	150		.042	
		44		.230	
		160	264cm	.235	.359
		60		.785	
		20		.008	
Channel 5	5 meters west of Chan 5	50		.336	

Channels 1-5 were taken across the vein structure along a strike length of 35 meters. Channel 5 was restricted in length due to overburden.

Over a strike length of 25 meters (1-4) the mineralized zone averages two meters in width with a weighted assay value of .249 oz Au/ton.

Sample Site	Location	Length (cm)	Assay oz Au/ton	Weighted Avg
Channel 6	INEZ vein	120	.486	
	90 meters south of Chan 5	80	.008	.486
Channel 7	19 meters SW of Chan 6	90	.011	
		100	.206	.206
Channel 8	16 meters SW of Chan 8	20	.010	
		50 100cm	.128	.187
		50	.246	

Over a strike length of 35 meters the mineralized zone averages one meter in width with a weighted assay value of .305 oz Au/ton.

Sample Site	Location	Length (cm)	Assay oz Au/ton	Weighted Avg
Channel 9	INEZ Vein	30	.005	
		70	.008	
Channel 10	25 meters west of Chan 9	110	.208	
		50 160cm	.126	
		30	.022	
Channel 11	Rand Vein 240 meters west of Adit No.1	80	.003	
		60	.620	
Channel 12	one meter east of Chan 11	100	.202	

A drill hole - WDH-11, at this site returned "12 feet" of .765 oz Au/ton. The true width would be approximately one meter.

DIAMOND DRILLING

Winkie diamond drill holes were put down to test the southwestern extension of the Inez vein. One hole was located on the Rand Vein in an old shaft area 250 meters west of Adit 1. Particulars are as follows:

Drill Hole No.	Location		Depth (ft)	Strike	Dip
	Vein	Claim			
WDH 84-01	Inez	Inez Fr.	17	030	-40°
WDH 84-02	"	"	50	-	-90°
WDH 84-03	"	"	20	-	-45°
WDH 84-04	"	"	49	-	-90°
WDH 84-05	"	"	20	-	-90°
WDH 84-06	"	"	50	-	-90°
WDH 84-07	"	"	44	310	-73°
WDH 84-08	"	"	32	130	-75°
WDH 84-09	"	"	13	-	-90°
WDH 84-10	"	"	41	-	-90°
WDH 84-11	Rand	Rand Fr.	27	160	-80°
			363 (110 meters)		

The drill holes and assay results are shown in drill hole sections in attached Appendix I.

Generally the results of the drilling disclosed a gold bearing quartz vein with values of up to 9.92 oz Au/ton over .46 meters in WDH 84-09. An adjacent assay returned .554 oz Au/ton over 1.5 meters. The true width of the zone would be in the order of .7 meters.

Three BQ diamond drill holes (84-01,02,07) were put down to test the northeastern extension of the Inez-Rand Vein system. Also four short drill holes tested the Inez Vein 200 meters southwest of the No.2 adit. Particulars are as follows: (Figure 3,8&9)

Drill Hole No.	Location		Depth (ft)	Strike	Dip
84-01	NE projection of Inez Vein	Rand Fr.	202	310	-15°
84-02	"	"	366	300	-15°
84-03	Inez Vein	Digit	151	285	-37°
84-04	"	"	76	285	-15°
84-05	"	"	55	295	-15°
84-06	"	"	85	295	-40°
84-07	NE projection of Inez Vein	Rand Fr.	525	80	-45°
			1460	(445 meters)	

The northeastern extension of the veins was not located. Drill holes 84-03 and 83-04 on the Inez Vein (FIGURE 8) returned values of up to .163 oz Au across "2.0 feet".

GEOCHEMICAL SURVEY

In D. Marks report on the results of the Geochemical and VLF-EM surveys dated August 22, 1984 he concludes that:

1) Anomalous VLF-EM results correlate with the Rand Vein.

2) five other string parallel and sub-parallel conductors to the Rand Vein have been delineated.

3) The eastern extensions to the Second Relief vein on to the Grand Union Property was determined in the geochemical and VLF-EM surveys.

For detailed results the reader is referred to D. Marks report.

RECOMMENDED EXPLORATION PROGRAM

It is recommended that a two stage program of diamond drilling should be initiated to test the vertical and horizontal extensions of the Inez-Rand vein systems. In addition, diamond drilling to test the extension of the Second Relief Vein should be carried out.

In conjunction with the drilling program, follow up surface geophysical and geochemical surveys should be completed as per D. Mark's recommendations (August 22, 1984).

ESTIMATED COST OF RECOMMENDED EXPLORATION PROGRAM

STAGE I

Diamond Drilling - 2500 meters § $80	$200,000
Allowance for geophysical and geochem surveys and field expenses	30,000
Engineering, supervision and reports	20,000
	$250,000

STAGE II

Diamond drilling - 2500 meters § $80	$200,000
Allowance for trenching and follow-up surveys	30,000
Engineering, supervision and reports	20,000
	$250,000
Two stage estimated cost:	$500,000

The second stage of the recommended program would only be initiated on the completion of and encouraging results of the first stage.

Respectfully submitted

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

Laurence Sookochoff, P.Eng.
Consulting Geologist

September 6, 1984
Vancouver, B.C.

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MARK, D.G. - Geochemical/Geophysical Report on Soil Geochemistry and VLF-EM Surveys over the Grand Union Property, August 22, 1984

READ, W.S. - Geological Report on the Rand Group of claims for Calmark Explorations Ltd, November 29, 1969.

RELIEF-ARLINGTON MINES LIMITED - Annual Report of the President and Managing Director for the Year 1938 and 1940.

CERTIFICATE AND CONSENT

I, Laurence Sookochoff, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a Consulting Geologist with offices at 311-409 Granville Street, Vancouver, B.C., V6C 1T2.

I further certify that:

1. *I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology*
2. *I have been practising my profession for the past eighteen years.*
3. *I am registered with the Association of Professional Engineers of British Columbia.*
4. *The information for this report was obtained from sources as cited under bibliography and from a personal property examination carried out on May 10, 29-30, 1984 and June 13, 1984.*
5. *I have no direct, indirect or contingent interest in the property described herein or in the securities of HOMESTEAD RESOURCES INC. nor do I expect to receive any.*
6. *This report may be utilized by HOMESTEAD RESOURCES INC. for inclusion in a statement of material [illegible]*

PROFESSIONAL ENGINEER
PROVINCE OF
LAURENCE SOOKOCHOFF

Laurence Sookochoff, P.Eng.
Consulting Geologist.

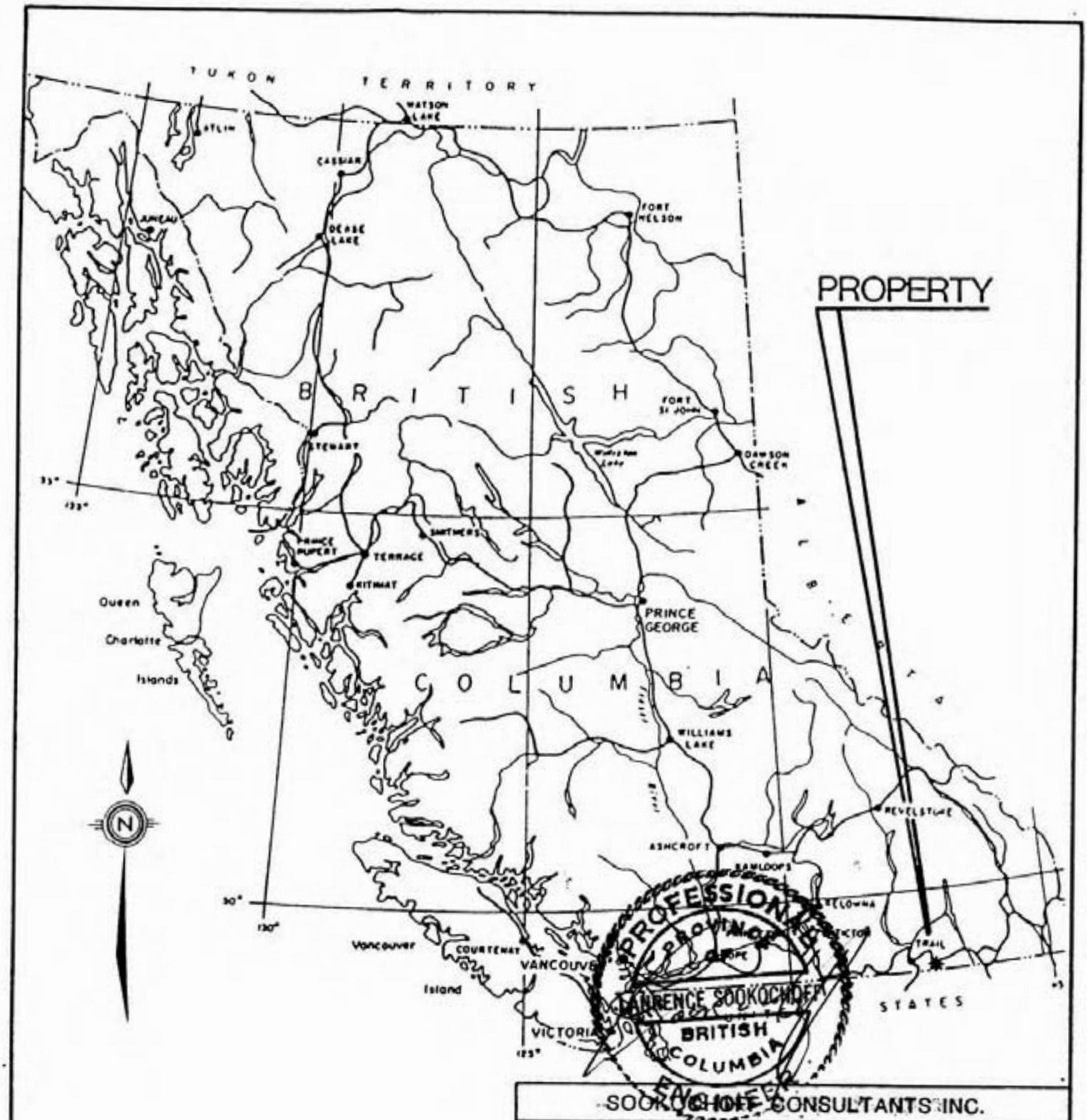
September 6, 1984
Vancouver, B.C.

STATEMENT OF COSTS

HOMESTEAD RESOURCES INC.

DIAMOND DRILLING PROGRAM

1460 feet - BQ diamond drill core at $28 per foot	$40,880
363 feet - AQ diamond drill core at $20 per foot	7,260
Assaying	3,250
Engineering and supervision	6,350
Associated field expenses	3,160
Report	2,000
	$62,900



SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

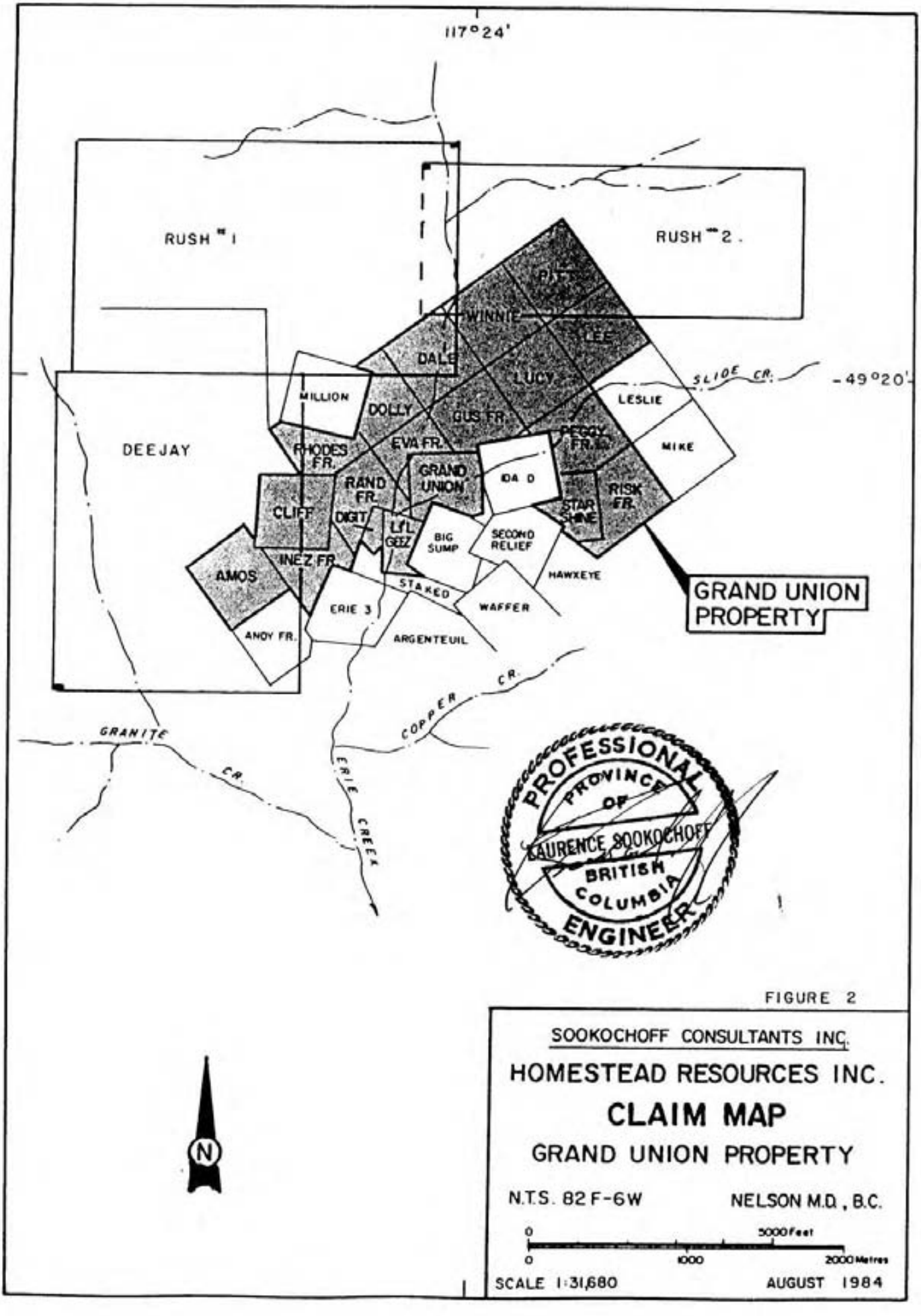
GRAND UNION PROPERTY

ERIE CREEK - SALMO AREA

NELSON MINING DIVISION

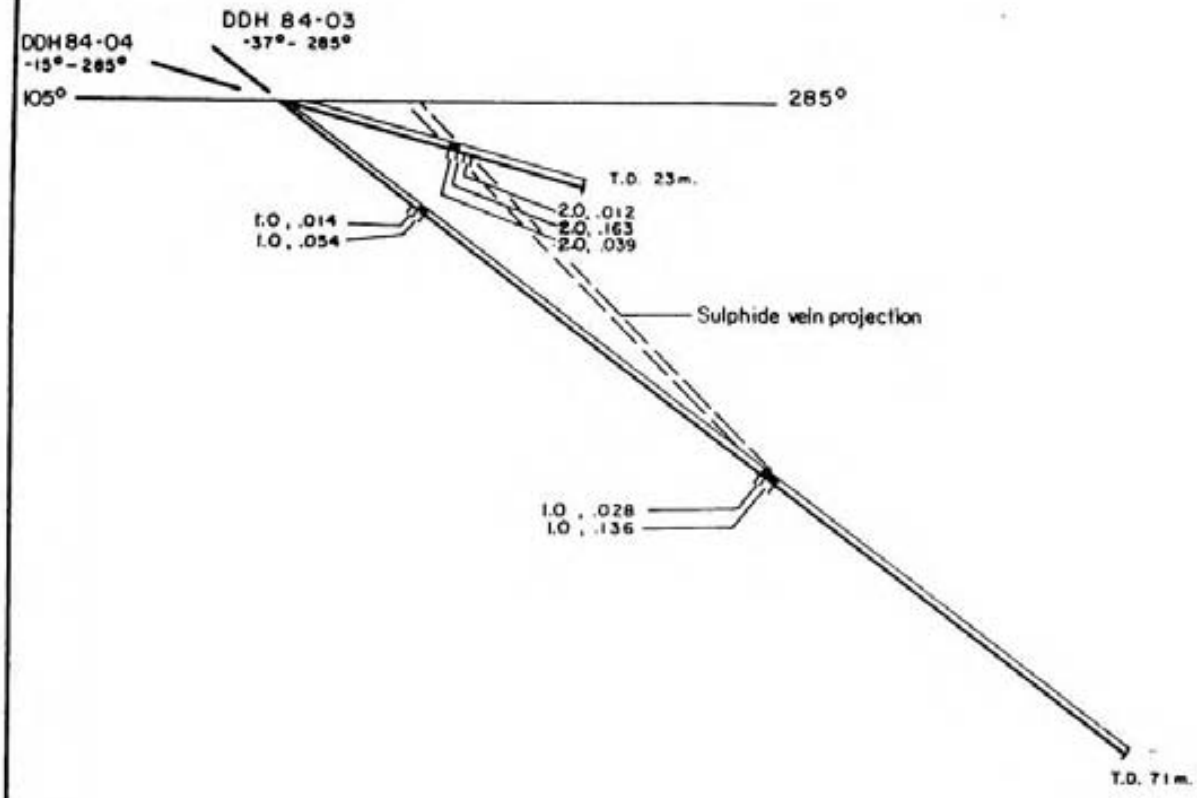
LOCATION MAP

SCALE	DATE	NTS	JOB NO.	SHEET NO.
1:6,300,000	AUGUST, 1984	84F/6		1


117°24'
RUSH "1
RUSH "2.
WINNIE
LEE
DALE
LUCY
SLIDE CR.
-49°20'
LESLIE
MILLION
DOLLY
GUS FR.
PEGGY FR.
MIKE
DEEJAY
RHODES FR.
EVA FR.
GRAND UNION
IDA D
RAND FR.
CLIFF
DIGIT
LIL GEEZ
BIG SUMP
SECOND RELIEF
STAR SHINE
RISK FR.
INEZ FR.
AMOS
HAWKEYE
STAKED
ERIE 3
WAFFER
ANDY FR.
ARGENTEUIL
GRAND UNION PROPERTY
COPPER CR.
GRANITE CR.
ERIE CREEK
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF
N
FIGURE 2
SOOKOCHOFF CONSULTANTS INC.
HOMESTEAD RESOURCES INC.
CLAIM MAP
GRAND UNION PROPERTY
N.T.S. 82 F-6W
NELSON M.D., B.C.
0
5000 Feet
0
1000
2000 Metres
SCALE 1:31,680
AUGUST 1984

APPENDIX 1

DRILL HOLE SECTIONS



EXPLANATION

Drill hole

Assay interval in ft., oz/ton Au

Andesite

Sulphide vein

Andesite

FIGURE 8

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

VERTICAL SECTION

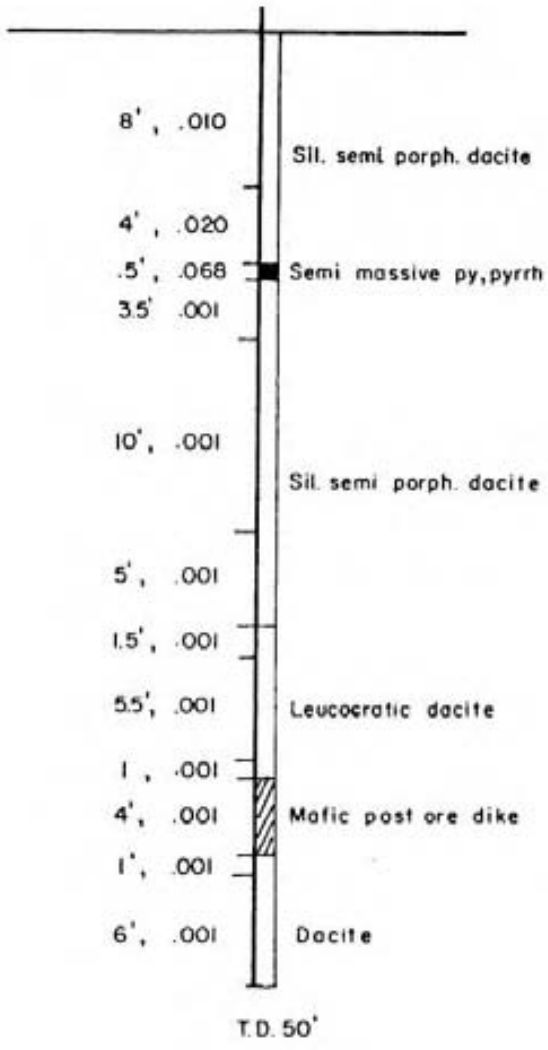
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 5 10 20 30 metres

0 10 50 100 feet

SCALE 1:500 AUGUST 1984



EXPLANATION

Drill hole

Assay interval in ft., oz/ton Au — Geology

FIGURE 9

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

VERTICAL SECTION
WDH 84-02
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 10 20 Feet
0 5 Metres

SCALE 1 : 120 AUGUST 1984

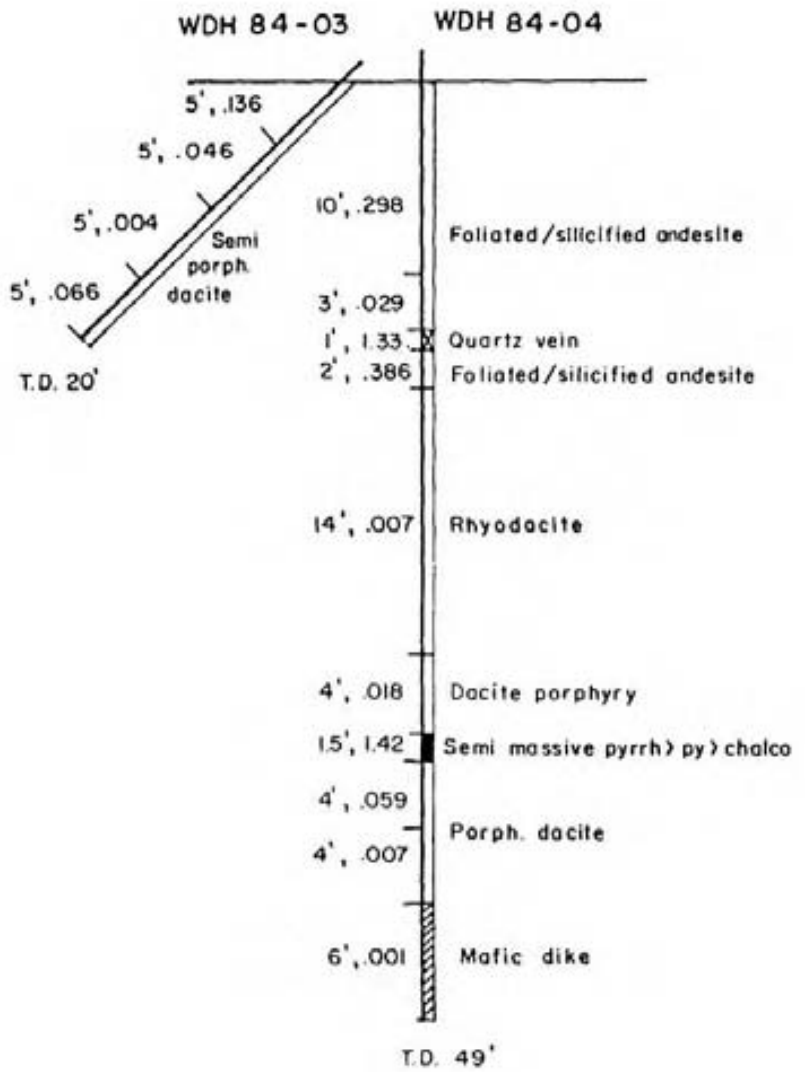


FIGURE 10

EXPLANATION

Drill hole

Assay interval in ft., oz/ton Au — Geology

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

VERTICAL SECTION

WDH 84-03 & 04

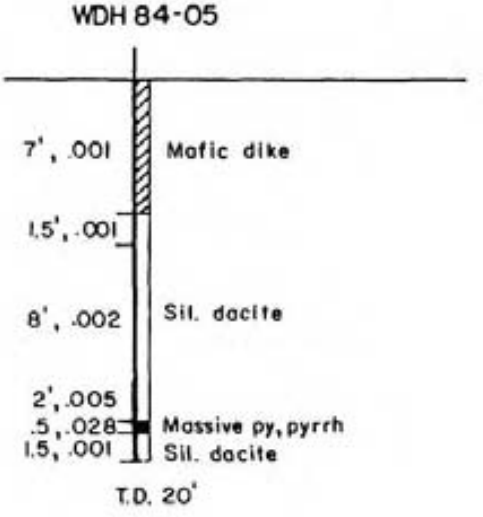
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 10 20 Feet

0 5 Metres

SCALE 1 : 120 AUGUST 1984



EXPLANATION

Drill hole

Assay interval in ft., oz/ton Au — Geology

FIGURE 11

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

VERTICAL SECTION
WDH 84-05
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 10 20 Feet

0 5 Metres

SCALE 1 : 120 AUGUST 1984

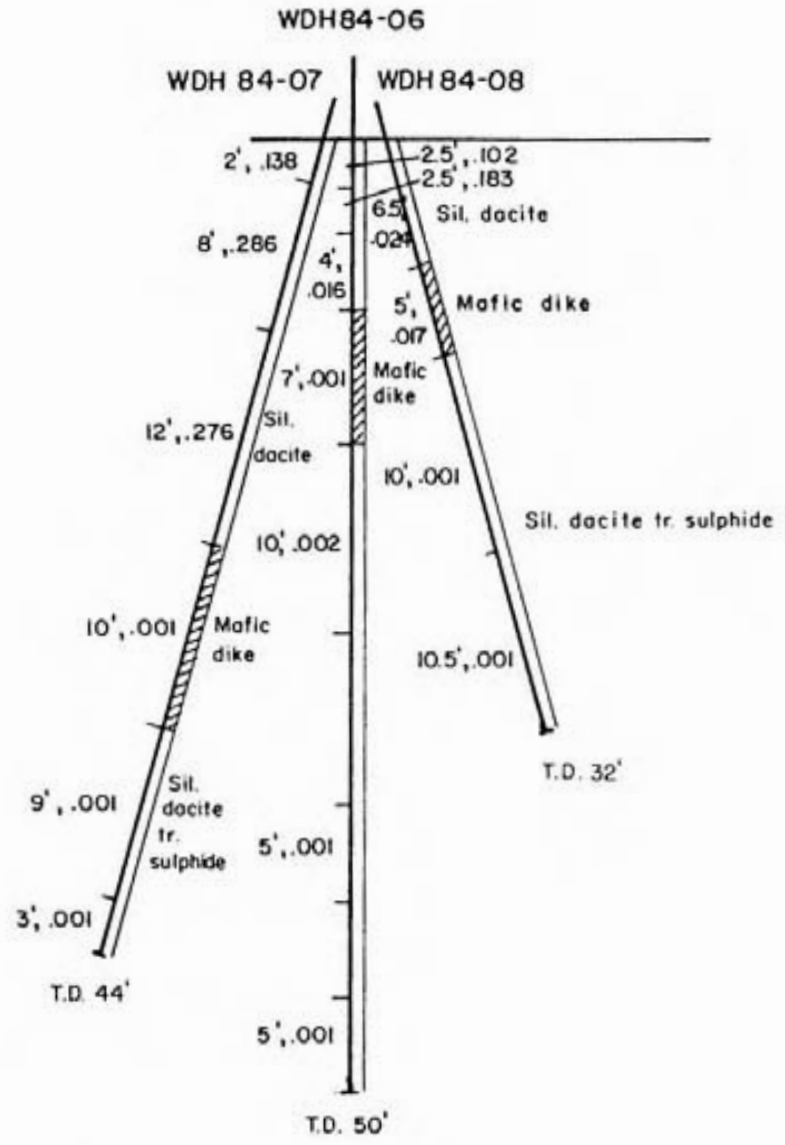


FIGURE 12

EXPLANATION

Drill hole

Assay interval in ft., oz/ton Au — Geology

SOOKOCHOFF CONSULTANTS INC.

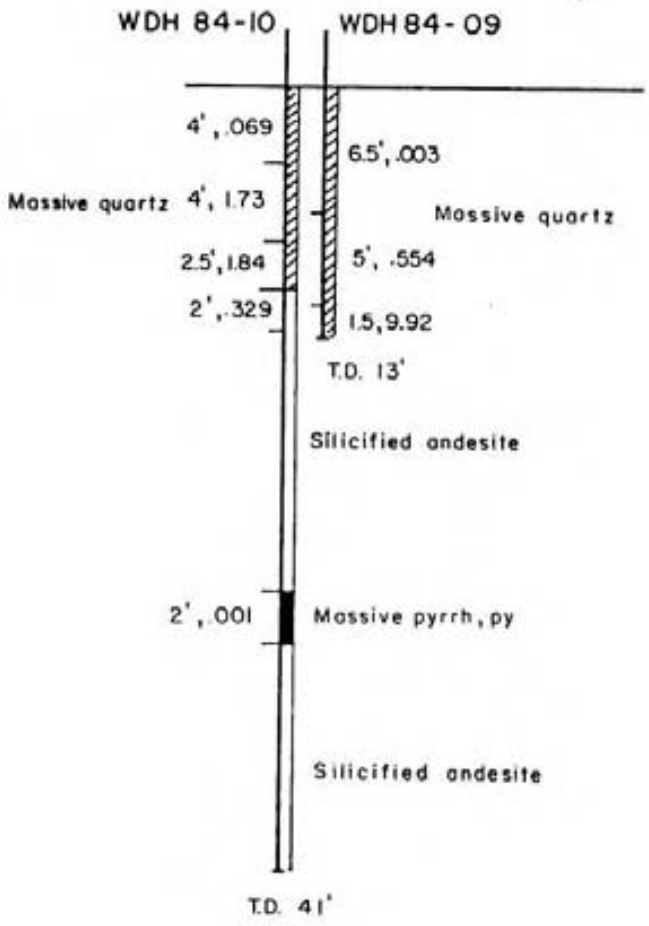
HOMESTEAD RESOURCES INC.

VERTICAL SECTION
WDH 84-06,07 & 08
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 10 20 Feet
0 5 Metres

SCALE 1 : 120 AUGUST 1984



EXPLANATION

Drill hole

Assay interval in ft., oz/ton Au — Geology

FIGURE 13

SOOKOCHOFF CONSULTANTS INC.

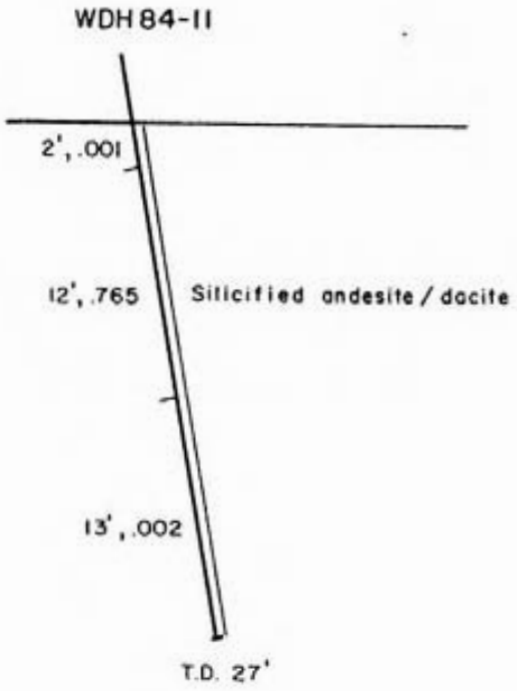
HOMESTEAD RESOURCES INC.

VERTICAL SECTION
WDH 84-09 & 10
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 10 20 Feet
0 5 Metres

SCALE 1 : 120 AUGUST 1984



EXPLANATION

Drill hole

Assay interval in ft., oz/ton Au — Geology

FIGURE 14

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

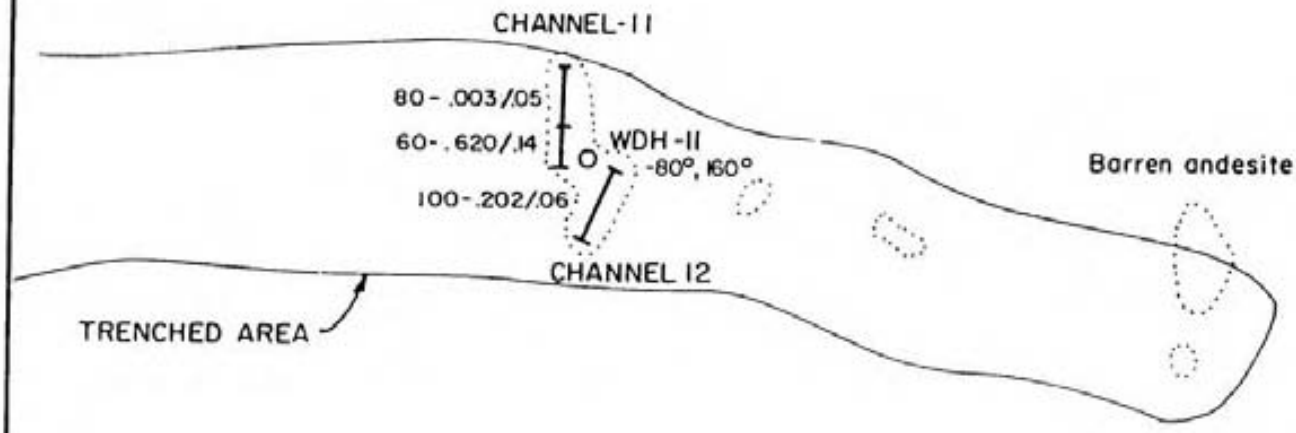
VERTICAL SECTION
WDH 84-11
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 10 20 Feet

0 5 Metres

SCALE 1 : 120 AUGUST 1984



LEGEND

- OUTCROP
- O WINKIE DRILL HOLE
- CHANNEL SAMPLE
- 100-.202/.06 LENGTH IN cm. - Au / Ag IN oz/ton

FIGURE 15

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

ASSAY PLAN
CHANNEL 11 & 12
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 5 10 20 FEET
0 1 2 3 4 5 METRES

SCALE 1:100 AUGUST 1984

APPENDIX II

DIAMOND DRILL HOLE SAMPLE RECORD SHEET

LOCATION & DESCRIPTION

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

GRAND UNION PROPERTY

DRILL HOLE SAMPLE RECORD SHEET

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
		WDH-01				
4601	0-4	FRACTURED DACITE + QTZ	1.4702	.35		
4602	4-9	SEMI PORPH DACITE MIN-MOD PY	.006	.01		
4603	9-11	" "	.040	.05		
4604	11-13.5	QTZ DACITE SEIM-MASSIVE	3.96	.76		
4605	13.5-17	SEMI PORPH DAITE	.295	.06		
		WDH-84.02				
4606	0-8	SEMI PORPH DACITE	.010	.01		
4607	8-12	" "	.020	.01		
4608	12-12.5	SEMI MASSIVE PY> PYRRH>CHALCO	.068	.04		
4609	12.5-16	SLICIFIED SEMI PORPH DACITE	.001	.01		
4610	16-26	" "	.001	.01		
4611	26-31	" "	.001	.01		
4612	31-32.5	LEUCOCRATIC DACITE-MIN-PY	.001	.01		
4613	32.5-38	F.G. DACITE MIN-MOD PY	.001	.01		
4614	38-39		.001	.01		
4615	39-43	MAFICDIKE PAST VEIN	.001	.01		
4616	43-44	DACITE MIN PY	.001	.01		
4617	44-50	" "	.001	.01		

WDH-84.03

4618	0-5	SEMI PORPH DACITE MIN-MOD PY		.136	.05
4619	5-10	"	"	.046	.23
4620	10-15	"	"	.004	.01
4621	15-20	"	"	.066	.01

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
		WDH-84.04				
4622	0-10	FOLIATED SIFICFIED AND + CHALCO	.298			
4623	10-13	" "	.029			
4624	13-14	FRACTURED QTZ VEIN	1.33			
4625	14-16	FOLIATED SILICIFIED AND	.386			
4626	16-30	RHYODACITE MINOR PY	.007			
4627	30-34	DACITE PORPH MINOR PY	.018			
4628	34-35.5	SEMI MASS. PYRR>PH> CHALCO	1.42			
4629	35.5-39	PORPH DACITE MIN PY	.059			
4636	39-43	" "	.007			
4637	43-49	MAFIC DIKE	.001			
		WDH-84.05				
4630	0-7	POST VEIN MAFIC DIKE MOD PY	.001			
4631	7-8.5	SILICFOUS DACITE MIN-MOD PY	.001			
4632	8.5-16	" "	.002			
4633	16-18	" "	.005			
4634	18-18.5	SEMI MASSIE PY PYRR	.028			
4635	18.5-20	SIL DACITE MIN-MOD PY	.001			

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
4576	0-2.5	SIL DACITE MOD-MG PY>PYRR. TR CHALCO	.102	.07		
4577	2.5-5	" "	.183	.07		
4578	5-9	SILICFID DACITE MINOR PY	.016	.02		
4579	9-16	MAFIC DIKE	.001	.01		
4580	16-26	SIL. DACITE TR-MIN PY	.002	.02		
4581	35-40	" "	.001	.01		
4582	45-50	" "	.001	.01		
		WDH 84-07				
4569	0-2	SIL. DACITE/ANDESTE TR.CHALCO	.138	.04		
4570	2-10	SILICFID DACITE NO VISIBLE CHALCO	.286	.05		
4571	10-22	" "	.276	.05		
4572	22-32	MAFIC DIKE	.001	.01		
4573	32-41	SIL. AND/DACITE MINOR SUPHIDES	.001	.01		
4574	41-44	MAFIC DIKE (CONTACT 11 TO CA)	.001	.01		
		WDH 84-08				
4565	0-6.5	SIL DACITE MIN SILPHIDG	.024	.01		
4566	6.5-11.5	MAFIC DIKE	.017	.01		
4567	11.5-21.5	SIL. DACITE TR SULPHIDES	.001	.01		
4568	21.5-32	" "	.001	.01		

WDH 84-09

4562	0-6.5	MSSIVE QTZ MINOR-TR SULPHIDES	.003	.01
4563	6.5-11.5	MSSIVE QTZ MAJOR SEMIMASSIVE MIN-TR CHALCO	.554	.09
4564	11.5-13	MSSIVE QTZ MINOR SULPHIDES	9.92	1.05

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
		WDH 84-10				
4554	0-4	QTZ VEIN SECTIONS MASSIVE-MIN PY>PYRR> CHALCO	.069	.05		
4555	4-8	" "	1.73	.20		
4556	8-10.5	" "	1.84	.18		
4557	10.5-12.5	SIL AND.ALONG INLETS	.329	.13		
4558	12.5-26.5	" "	.004	.04		
4559	26.5-27.5	" "	.007	.13		
4560	27.5-29.5	MSSIVE PY>PYRR	.001	.01		
4561	29.5-41	SIL. AND/DACITE MIN PY ALONG OCCASIONAL NO VEINLETS	.001	.01		
		WDH 84-11				
4551	0-2	SIL ANDESTITE/DACITE	.001	.01		
4552	2-14	" " MOD-MAJ PY>>PYR>> CHALCO	.765	.21		
4553	14-27	" " TR-MIN SULPHIDES	.002	.01		
		WDH 84-12				
4583	0-5	PORPH DACITE/AND MIN-MOD PY	.006	.02		
4584	24.5-29.5	" "	.003	.01		
4585	29.5-32	GREY CARBONACEOUS TUFF	.001	.01		
4586	40-45	SEMI PORPH AND/DACITE MIN TR. SULPHIDES	.001	.01		
4587	53-58	" "	.056	.01		

SAMPLE NUMBER	INTERVAL	LOCATION AND DESTINATION	ASSAY RESULTS AU	AG	CU	PB
		WDH 84-10				
94313	68-71	ARGILLITE MOD DISS PY	.001	.08	.01	
314		NO SAMPLE TAKEN				
315	90-95	GREY TUFF	.001	.03	.01	
316	95-100	ANDESITE	.001	.102	.01	
317	114.5-115	SILICEOUS ZONE	.001	.03	.01	
318	116-118	BRECCIA SKARNED MOD-MAJ PY	.001	.04	.04	
319	148.6-149.6	SKARN BRECCIA MOD-MAJ PY	.002	.05	.04	
320	165.5-168	SKARN BRECCIA	.001	.09	.23	
321	191-196	HEAVILY SKARNED ZONE	.001	.04	.04	
322	200-202	ANDESITE MOD PY ALONG FRACTURES	.002	.04	.06	
323	123-124	SKARN BRECCIA MOD-MAJ PY MOD PYRR	.004	.16	.73	
		DDH 84-02				
326	60-61	ANDESITE IRON STAINED MINOR PY	.001	.03	.01	
327	90-93	ANDESITE (PORPH IN PLACES)	.001	.01	.01	
328	174-175	GREY ANDESITE (DACITE) MOD PY ALONG FRACTURES	.007	.09	.03	
329	187-189	" "	.001	.03	.01	
330	209.5-210.5	ANDESITE MOD PY ALONG FRACTURES	.001	.03	.01	

331	211-212	ANDESITE MIN PY	.001	.04	.01
332	327.5-328	ANDESITE	.001	.10	.01
333	355-356.5	GREY AND (DACITE)	.001	.05	.01
334	19-22	EPIDOTIZED FAULT ZONE	.001	.04	.01
335	22-24	" "	.001	.05	.03
94344	292-294	GREY ANDESITE (DACITE) QTZ RICH SECTIONS SOME EPIDOTE	.001	.06	.01

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
		DDH 84-03				
94336	33-38	GEOCHAN PORPH ANDESITE	5ppb	0.1ppm	26ppm	
337	38-40	PORPH ANDESITE	.001	.05	.01	
338	40-41	PORPH ANDESITE	.014	.06	.05	
339	41-42	SMALL VEIN MAJ PY	.054	.09	.10	
340	42-43	PORPH ANDESITE	.005	.05	.03	
341	43-45	PORPH ANDESITE	.001	.18	.01	
342	45-50	GEOCHAM PORPH ANDESITE	5ppb	0.1ppm	39ppm	
3216	132-133	SULPHIDE VEIN	.002	.10	.01	
3217	133-134	SULPHIDE VEIN	.028	.03	.01	
943218	136-138	PORPH DACITE	.136	.04	7.04	
		DDH 84-04				
94324	53-55	MOD CHALCO DACITE	.039	.10	.15	
94325	57-59	WALL DACITE	.012	.08	.11	
94343	55-57	WALL DACITE	.163	.18	.24	

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
		DDM 84-06				
3219	67-67.5	SMALL PY VEIN	.004	.06	.01	.01
3220	83-84	SIL DAITE	250 ppb	5 ppm	1813 ppm	122 ppm

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
		DDH 84-07				
3201	29-30	SKARNED GREY PORPH ANDESTE	.001	.01	.02	
3202	35-35.5	TUFF	.002	.03	.03	
3203	38-39	TUFF	5PPB	5PPM	84PPM	
3204	69-70	FAULT ZONE	5PPB	9PPM	32PPM	
3205		NO SAMPLE				
3206	89-90	FAULT	.001	.01	.01	
3207	81-83	FAULT FAULT ZONE	5PPB	.2PPM	5PPM	
3208	96.5-97.5	STR. QTZ	.069	.17	.01	
3209	102-103	CONTACT FAULT	5PPB	.3PPM	3PPM	
3210	255-256	DACITE	5PPB	.3PPM	10PPM	
3211	316-318	DACITE	.005	.01	.01	
3212	302-303	TUFF	5PPB	.1PPM	.5PPM	
3213	378.5-379	SMALL FAULT	250PPB	1.0PPM	48PPM	
3214	395-396	PYRITE	210PPB	1.4PPM	469PPM	
3215	272	PORPH DACITE	5PPB	.1PPM	8PPM	
3220	512-516	EPID FAULT BRECCIA	.250PPB	5.3PPM	1813PPM	
3221	428-429	SMALL QTZ 11 CA	.30107	.0402	.02	

APPENDIX III

CHANNEL SAMPLE RECORD SHEET

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

GRAND UNION PROPERTY

CHANNEL SAMPLE RECORD SHEET

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
CHANNEL 1						
116	3222	10CM ANDESITE FOOT WALL MOD PY	.018	.14	.2 .01	.14
117	3223	QTZ PYRH VEN PY PYRR	.049	.04	.04.01	
118	3224	34CM ANDESITE MOD PY	.031	.04	.08.01	.17
119	3225	24CM QTZ VEIN MAJ PY	.430	.14	.04.01	.15
120	3226	90CM ANDESTE MOD-PY	.022	.02	.05	
121	3221	15CM QTZ VEIN MOD-MAJ PY-PYRR		.01	.05	
122	3227	60CM SILICFED AND-DACITE	.007	.04	.03	
CHANNEL 2						
123	3228	43CM ANDESTE MOD PY	.024	.04	.09	
124	3229	15CM SMALL QTZ VEIN		.07	.03	
125	3230	150CM ANDESITE	.05	.01	.04	
126	3231	15CM QTZ PYRITE VEIN	.066	.03	.03	
127	3232	90 CM ANDESTE		.21	.05	
CHANNEL 3						
128	3233	20CM AND MOD PY	.009	.02	.03	
129	3234	10CM VEIN MAJOR PY	.072	.06	.06	
130	3235	30CM ANDESTE MIN PY	.006	.02	.05	
131	3236	30CM VEIN 2 PY PYRCH	.094	.07	.16	

132	3237	75CM AD.	.006	.01	.04
133	3238	60 CM ADD QTZ VEIN	.094	.08	.12
134	3239	30CM ANDESITE MIN CHAL.	.145	.05	
156	3246	15CM SHEARED QTZ VEIN	.015	.03	.05
157	3247	30CM ANDESITE		.09	.04
CHANNEL 4					
135	3240	20CM SIL. ANDESITE	.008	.14	.02
136	3241	60CM SHEARED VEIN PY		.09	.02
137	3242	160CM SHEARED AND 2 SMALL QTZ VEINS		.05	.12
138	3243	44CM SHEARED QTZ VEIN + ANDESTITE	.250	.04	.03
139	3244	150CM SHEARED AND 2 SMALL QTZ VEINS		.08	.05.01
CHANNEL 5					
140	3245	150CM SHEARED QTZ ANDESTE 50 CM		.08	.09.01

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

GRAND UNION PROPERTY

CHANNEL SAMPLE RECORD SHEET

SAMPLE NUMBER	INTERVAL	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
CHANNEL 6						
4756	0-80CM	SIL. AND. MIN PY	.008	.03		
4757	80-200CM	SHEARED QTZ VEIN IN SIL. ANDESTE	.486	.11		
CHANNEL 7						
4758	0-100CM	SHEARED QTZ VEIN	.206	.09		
4759	100-150CM	LESS SHEAREDSIL. AND	.011	.04		
CHANNEL 8						
4760	0-50CM	SHEARED QTZ	.246	.11		
4761	50CM-100CM	SIL. AND	.128	.07		
4762	100-120CM	SIL. AND	.010	.05		
CHANNEL 9						
4763	0-30CM	SILICIEO MIN-MOD PY	.022	.09		
4764	30-80CM	MSS QTZ VEIN NO VISIBLE SULPHIDES	.126	.12		
4765	80-29CM	SMALL QTZ	.208	.07		
CHANNEL 10						
4766	0-70CM	SIL. AND. MIN PY	.008	.02		
4767	70-100	QTZ VEIN	.005	.01		
CHANNEL 11						
4638	0-100CM	SL. AND SEMI MASS. PY THROUGHOUT	.202	.06	.18	
4639	100CM-160CM	MOD PY	.620	.14	.16	
4640	160CM-140CM	MIN-MOD PY	.003	.01	.07	

APPENDIX IV

GRAB SAMPLE RECORD SHEET

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

GRAND UNION PROPERTY

GRAB SAMPLE RECORD SHEET

SAMPLE NUMBER	TAKEN BY	LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
4588	R.A.	600 E. LINE @ Dump	.386	.01		
4589	J.R.	6N 13W GRAB ASH TUFF	.001	.01		
4590	J.R.	L00 2+50N (B) ASH TUFF	.001	.01		
4591	J.R.	L00 2+50N (A) ASH TUFF	.001	.01		
4592	J.R.	L21N 12W IRON STAINED ARGILLITE	.001	.01		
4593	D.V.	GRANITE CREEK RD.	.006	.07		
4594		CUTTINGS FROM DDH-11	.069	.06		
4768	D.V.	OLD ADIT 14N 19E (475M) SAMPLE ACROSS 10" VEIN	.489	.08		

HOMESTEAD 1984

GRAB SAMPLE RECORD SHEET

SAMPLE		LOCATION AND DESCRIPTION	ASSAY RESULTS AU	AG	CU	PB
3250	JR115	SELECTIVE GRAB NEAR DDH8403				
4751	JR111	SELECTIVE GRAB NEAR DOH8403				
4752	JR112	SELECTIVE GRAB NEAR DOH403				
4753	JR114	SELECTIVE GRAB NEAR DOH403				
	JR112		1.09	.44	.10&	
4754	JR150	AMOS L 00 75M WEST IRON STAINED DACITE				
4755	JR155	AMOS L 3N 425W ARGILLITE FLOAT				

APPENDIX V

ASSAY RECORD SHEET

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED MAY-31-84

DATE REPORTS MAILED June 4/84

ASSAY CERTIFICATE

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

ASSAYER _____ DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT# HOMESTEAD FILE# 84-0919B

SAMPLE	CU %	AG OZ/T	AU OZ/T
3051	-	.01	.005
3052	-	.15	.122
3053	-	.07	.015
3054	.29	.17	.072
3057	.08	.09	.093
3058	.09	.03	.017

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE

DATE RECEIVED: MAY 31 1984 DATE REPORT MAILED: June 4/84 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT # HOMESTEAD FILE # 84-0919A

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
3059	2	992	1	81	.8	11	22	691	3.49	13	2	ND	2	45	1	2	2	70	2.18	.11	2	3	.24	32	.12	2	.99	.01	.02	2
3060	3	534	2	152	.3	12	20	1030	5.19	10	2	ND	2	38	2	2	2	229	.89	.13	3	5	1.28	109	.20	2	2.37	.03	.24	2
3061	4	710	2	147	.6	13	25	874	6.15	10	3	ND	2	32	2	2	2	231	.82	.12	5	4	1.38	73	.19	2	2.37	.03	.26	2

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED MAY-31-84

DATE REPORTS MAILED June 2/84

GEOCHEMICAL ASSAY CERTIFICATE

A .50 GM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL:HNO3:H2O AT 90 DEG. C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER. ELEMENTS ANALYSED BY AA : CU AG AU*
SAMPLE TYPE : CORE - CRUSHED AND PULVERIZED TO -100 MESH.
AU* - 10 GM, IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.

ASSAYER _____ DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT# HOMESTEAD FILE# 84-0918A

SAMPLE	CU PPM	AG PPM	AU* PPB
H-84-1-106	66	.4	5
H-84-1-144	265	.3	10
H-84-1-181	395	.1	15

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED MAY-31-84

DATE REPORTS MAILED June 2/84

ASSAY CERTIFICATE

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

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

SOOKOCHOFF PROJECT# HOMESTEAD FILE# 84-0918B

SAMPLE	CU %	AG OZ/T	AU OZ/T
3055	1.10	.62	.152
3056	.20	.13	.018

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MAY 31 1984 DATE REPORT MAILED: June 2/84 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT # HOMESTEAD FILE # 84-0918A

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
M-84-1-168	4	2495	3	185	2.8	12	23	1575	6.39	18	2	ND	2	31	5	2	2	90	4.89	.07	2	8	.12	11	.13	2	1.45	.01	.01	7	65

1E ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124

DATE RECEIVED: JUNE 7 1984

DATE REPORT MAILED: June 11/84

ASSAY ICP ANALYSIS

1.00 GRAM OF SAMPLE IS DIGESTED WITH 50ML OF 3-1-3 OF HCL-HNO3-H2O AT 95 DEG. OF WATER BATH FOR ONE HOUR AND IS DILUTED TO 100ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB.AND TA. DETECTION LIMIT FOR MOST METALS IS .01% SAMPLE TYPE: P1-CORE P2-ROCK AU* 10 GRAM REGULAR ASSAY

ASSAYER: DEAN TOYE. CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT # HOMESTEAD FILE # 84-1009B PAGE 1

SAMPLE#	CU %	PB %	ZN %	AG OZ/T	AU OZ/T
94313	.01	.01	.04	.08	.001
94315	.01	.01	.02	.03	.001
94316	.01	.01	.01	.10	.001
94317	.01	.01	.01	.03	.001
94318	.04	.01	.01	.04	.001
94319	.04	.01	.04	.05	.002
94320	.23	.01	.48	.09	.001
94321	.04	.01	.01	.04	.001
94322	.06	.01	.01	.04	.002
94323	.73	.01	.05	.16	.004
94324	.15	.01	.02	.10	.039
94325	.11	.01	.01	.08	.012
94326	.01	.01	.01	.03	.001
94327	.01	.01	.01	.01	.001
94328	.03	.05	.51	.09	.007
94329	.01	.01	.02	.03	.001
94330	.01	.01	.02	.03	.001
94331	.01	.01	.01	.04	.001
94332	.01	.01	.01	.10	.001
94333	.03	.01	.01	.05	.001
94334	.01	.01	.01	.04	.001
94335	.01	.01	.01	.05	.001
94337	.01	.01	.01	.05	.001
94338	.05	.01	.01	.06	.014
94339	.10	.01	.01	.09	.054
94340	.03	.01	.01	.05	.005
94341	.01	.01	.01	.04	.001
94343	.24	.01	.01	.18	.163
94344	.01	.01	.01	.04	.001
STD C-8	1.07	1.08	1.99	5.42	-

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JUNE 7 1984

DATE REPORT MAILED: June 11/84.

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: ..... DEAN TOYE. CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT # HOMESTEAD FILE # 84-1009A

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
94336	26	1	44	.1	5
94342	39	4	59	.1	5

SAMPLE#	CU %	AG OZ/T	AU OZ/T
94345	.03	.05	.001
94346	.03	.04	.001

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-ROCK P2-CORE

DATE RECEIVED: JUNE 15 1984 DATE REPORT MAILED: June 19/84 ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT # HOMESTEAD FILE # 84-1119 PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
10N 3W	1	86	8	28	.2	22	11	130	2.84	2	2	ND	2	98	2	2	2	43	1.53	.08	5	24	.41	38	.08	6	2.96	.16	.28	2
9N 6W	1	3	4	7	.1	1	1	47	1.10	9	2	ND	2	9	1	2	2	22	.20	.05	3	3	.12	14	.10	2	.25	.05	.05	2
8N 7W	3	13	5	26	.1	10	1	303	2.92	22	2	ND	2	57	2	2	3	149	.52	.10	5	27	1.12	34	.10	7	2.21	.14	.27	2
7N 7W	1	24	19	33	.3	21	13	110	3.97	6	2	ND	2	90	2	4	2	47	2.32	.10	5	22	.26	15	.07	5	3.56	.18	.15	2
6N 6W-1	1	21	3	37	.1	7	9	441	3.55	3	2	ND	2	70	2	2	2	26	1.68	.08	3	6	.20	42	.05	2	3.04	.05	.05	4
6N 6W-2	2	26	4	43	.1	9	10	136	3.29	2	2	ND	2	48	2	2	2	29	1.51	.06	2	6	.16	52	.04	2	1.85	.11	.10	2
5N 5W	2	88	14	23	.3	9	12	224	3.84	2	3	ND	2	105	2	5	2	56	6.26	.08	4	10	.25	59	.04	4	5.56	.29	.07	2
5N 4W	2	11	1	25	.2	4	3	151	2.15	2	2	ND	2	89	1	2	2	96	2.79	.06	2	7	.25	363	.07	5	5.18	.27	.21	2
HA-1	2	17	3	5	.3	2	1	50	.64	2	2	ND	2	40	1	2	2	20	.76	.09	3	10	.05	37	.09	4	.41	.02	.09	2
HA-2	2	12	5	59	.2	6	5	642	2.19	3	2	ND	2	27	1	2	2	49	.27	.07	4	10	.66	164	.13	4	1.47	.08	.82	2
HA-4	3	18	10	51	.3	5	2	389	3.13	21	2	ND	2	15	1	2	4	173	.15	.03	2	12	1.18	374	.27	2	2.54	.06	1.44	2
HA-5	4	30	13	66	.2	5	3	152	4.08	33	2	ND	2	19	1	2	2	70	.08	.08	2	15	.36	56	.17	7	.99	.04	.11	2
STD A-1	2	30	39	184	.3	35	10	1006	2.73	10	2	ND	2	34	2	2	2	57	.66	.10	7	68	.67	253	.09	8	2.02	.02	.19	2

SAMPLE#	PB PPM	ZN PPM	AU* PPB
84-7 210	3	73	5
84-7 310	3	159	5
84-7 315	18	128	15

ACME ANALYTICAL LABORATORIES LTD.
52 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124

DATE RECEIVED: JUNE 18 1984

DATE REPORT MAILED: June 27/84.

ASSAY ICP ANALYSIS

1.00 GRAM OF SAMPLE IS DIGESTED WITH 5OML OF 3-1-3 OF HCL-HNO3-H2O AT 95 DEG. OF WATER BATH FOR ONE HOUR AND IS DILUTED TO 100ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB.AND TA. DETECTION LIMIT FOR MOST METALS IS .01% SAMPLE TYPE: ROCK CHIPS AU* 10 GRAM REGULAR ASSAY

ASSAYER: DEAN TOYE. CERTIFIED B.C. ASSAYER

L. SOOKOCHOFF FILE # 84-1134B

SAMPLE#	CU %	PB %	ZN %	AG OZ/T	AU OZ/T
3201	.02	.01	.03	.01	.001
3202	.03	.01	.06	.03	.002
3206	.01	.01	.01	.01	.001
3208	.01	.01	.01	.17	.069
3211	.01	.01	.01	.01	.005
3216	.01	.01	.01	.01	.002
3217	.02	.01	.01	.01	.028
3218	.07	.01	.01	.04	.136
3219	.01	.01	.01	.01	.004
3221	.02	.01	.01	.04	.301
3222	.20	.01	.05	.14	.018
3223	.04	.01	.03	.04	.047
3224	.08	.01	.17	.04	.031
3225	.04	.01	.15	.14	.430
3226	.05	.01	.01	.02	.022
3227	.03	.01	.01	.01	.007
3228	.09	.01	.39	.04	.024
3229	.03	.01	.06	.07	.550
3230	.04	.01	.08	.01	.050
3231	.03	.01	.01	.03	.066
3232	.05	.01	.03	.21	.582
3233	.03	.01	.02	.02	.009
3234	.06	.01	.09	.06	.031
3235	.05	.01	.04	.02	.009
3236	.16	.01	.02	.07	.072
3237	.04	.01	.02	.01	.006
3238	.12	.01	.09	.08	.094
3239	.03	.01	.01	.05	.145
3240	.02	.01	.02	.01	.008
3241	.02	.01	.01	.14	.785
3242	.12	.01	.03	.09	.235
3243	.03	.01	.03	.05	.230
3244	.05	.01	.02	.04	.042
3245	.09	.01	.01	.08	.336
3246	.05	.01	.02	.03	.015
3247	.04	.01	.01	.09	.207
JR-112	.10	.01	.01	.44	1.090
STD C-8	1.07	1.08	2.00	5.50	-

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JUNE 18 1984

DATE REPORT MAILED: June 22/84

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-ROCK P2-B SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER

L. SOOKOCHOFF PROJECT # HOMESTEAD FILE # 84-1134A

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
3203	84	12	70	.5	5
3204	32	6	64	.4	5
3207	5	12	68	.2	5
3209	3	6	103	.3	5
3210	10	6	37	.3	5
3212	15	10	76	.1	5
3213	48	26	113	1.0	250
3214	469	16	59	1.4	210
3215	8	1	38	.1	5
3220	1813	122	211	5.3	250
STD A-1/AU 0.5	30	39	186	.3	500

CME ANALYTICAL LABORATORIES LTD.
52 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 TELEX 04-53124

DATE RECEIVED: JUNE 25 1984

DATE REPORT MAILED: June 29/84

ASSAY ICP ANALYSIS

1.00 GRAM OF SAMPLE IS DIGESTED WITH 50ML OF 3-1-3 OF HCL-HNO3-H2O AT 95 DEG. OF WATER BATH FOR ONE HOUR AND IS DILUTED TO 100ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB.AND TA. DETECTION LIMIT FOR MOST METALS IS .01% SAMPLE TYPE: ROCK CHIPS AU* 10 GRAM REGULAR ASSAY

ASSAYER: D. Toye DEAN TOYE. CERTIFIED B.C. ASSAYER

L.SOOKOCHOFF PROJECT # HOMESTEAD FILE # 84-1247B PAGE 1

SAMPLE#	CU %	PB %	ZN %	AG OZ/T	AU OZ/T
3248	.01	.01	.01	.02	.017
3249	.01	.01	.01	.01	.001
3250	.14	.01	.01	.11	.195
4751	.44	.01	.01	.33	.048
4752	.32	.01	.01	.91	2.010
4753	.59	.01	.01	1.20	3.450
STD C-8	1.07	1.08	2.00	5.50	-

#13

ANALYTICAL LABORATORIES LTD.
2 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
ONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JUNE 25 1984

DATE REPORT MAILED: June 29/84

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-ROCK P2-9 SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye DEAN TOYE. CERTIFIED B.C. ASSAYER

L. SOOKOCHOFF PROJECT # HOMESTEAD FILE # 84-1247A PAGE 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AU* PPB
4754	23	4	53	.3	185
4755	65	1	44	.4	475

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED JULY 6 1984

DATE REPORTS MAILED July 19/84

ASSAY CERTIFICATE

SAMPLE TYPE : CORE - CRUSHED AND PULVERIZED TO -100 MESH.
AG & AU BY FIRE ASSAY

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

L. SOOKOCHOFF PROJECT# HOMESTEAD FILE# 84-1451 PAGE# 1

SAMPLE	AG** OZ/T	AU** OZ/T
4601	.35	1.470
4602	.01	.006
4603	.05	.040
4604	.76	3.960
4605	.06	.295
4606	.01	.010
4607	.01	.002
4608	.04	.068
4609	.01	.001
4610	.01	.001
4611	.01	.001
4612	.01	.001
4613	.01	.001
4614	.01	.001
4615	.01	.001
4616	.01	.001
4617	.01	.001
4618	.05	.136
4619	.23	.046
4620	.01	.004
4621	.01	.066
4622	.08	.298
4623	.05	.029
4624	.35	1.330
4625	.13	.386
4626	.01	.007
4627	.01	.018
4628	.24	1.420
4629	.01	.059
4630	.01	.001
4631	.01	.001
4632	.01	.002
4633	.01	.005
4634	.01	.028
4635	.01	.001
4636	.01	.007
4637	.07	.001

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JULY 7 1984

DATE REPORT MAILED: July 13/84

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: DEAN TOYE. CERTIFIED B.C. ASSAYER

AMAZON PROJECT # WAYSIDE FILE # 84-1464 PAGE 1

SAMPLE#	CU PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
3261	21	69	.2	8	5
3262	91	179	.4	12	5
3263	89	90	.3	14	5

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED JULY 19 1984

DATE REPORTS MAILED July 21/84

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK & CORE
AG & AU BY FIRE ASSAY

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

SOOKOCHOFF PROJECT# HOMESTEAD FILE# 84-1659 PAGE# 1

SAMPLE	AG** OZ/T	AU** OZ/T
4576 CORE	.07	.102
4577 CORE	.07	.183
4578 CORE	.02	.016
4579 CORE	.01	.001
4580 CORE	.02	.002
4581 CORE	.01	.001
4582 CORE	.01	.001
4583 CORE	.02	.006
4584 CORE	.01	.003
4585 CORE	.01	.001
4586 CORE	.01	.001
4587 CORE	.01	.056
4588 ROCK	.23	.386
4589 ROCK	.01	.001
4590 ROCK	.01	.001
4591 ROCK	.01	.001
4592 ROCK	.02	.001
4593 ROCK	.07	.006
4594 ROCK	.06	.069
4756 ROCK	.03	.008
4757 ROCK	.11	.486
4758 ROCK	.09	.206
4759 ROCK	.04	.011
4760 ROCK	.11	.246
4761 ROCK	.07	.128
4762 ROCK	.05	.010
4763 ROCK	.09	.022
4764 ROCK	.12	.126
4765 ROCK	.07	.208
4766 ROCK	.02	.008
4767 ROCK	.01	.005
4768 ROCK	.08	.489

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED JULY 23 1984

DATE REPORTS MAILED July 26/84

ASSAY CERTIFICATE

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

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

SOOKOCHOFF PROJECT# HOMESTEAD FILE# 84-1718 PAGE# 1

SAMPLE	CU %	AG OZ/T	AU OZ/T
4638	.18	.06	.202
4639	.16	.14	.620
4640	.01	.01	.003

APPENDIX VI

DIAMOND DRILL LOGS

PROPERTY GRAND UNION
COMPANY HOMESTEAD RESOURCES
LOGGED BY J. ROBINS

HOLE NO. DDH. 84-01
BEARING 310°
DIP 15°
LENGTH 202 A

LATITUDE
DEPARTURE
ELEVATION

From	To	Recovery %	Description / Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	Assays Cu %
0	63.5'		OB							
63.5	90.5'		ARGILLITE Aphanitic to very fine grained, very hard, banding visible in sections 20° to core axis. Banding outlined by fine M. coloured bands and very thin lamellae of pyrite and fine dissemination	94313	68-71		3.0	.001	.08	.01
79	80'		FAULT/SHEAR ZONE Andesite is intensely fractured and becomes "punky" in sections (easily crumbled)							
82.5	83'		Felsic-silicious zone small 3-4mm quartz veinlets in random orientation is somewhat brecciated.							
83	85'		Breccia with small intensely sheared (punky) zone @ 85' 10cm wide.							
85	90.5'		Argillite @ 85' 10° to core axis and becomes less defined with depth. In some areas fractures are heavily filled with pyrite (only in very thin layers however 1 mm) 1mm)							
90	95'		GREY TUFF Rock is almost totally altered to clay except for small 1-2mm shards and fragments of glassy composition. Contact @ about 30° to core axis	94315	90-95		5.0	.001	.03	.01
95	114.5'		DARK GREY GREEN ANDESITE 95-103 small calcite stringers, rock is softer and somewhat lighter in color altered.	94316	95-100		5.0	.001	.102	.01
95	114.5		ARGILLITE Minor dissem. py 106' banding @ 20° 110' banding @ 40°							

PROPERTY GRAND UNION
COMPANY HOMESTEAD RESOURCES
LOGGED BY J. ROBINS

HOLE NO. DDH 84-01
BEARING 310°
DIP 15°
LENGTH 202 A

LATITUDE
DEPARTURE
ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au	Assays Ag	Assays Cu
									oz/ton	oz/ton	%
114.5-115'			SILICEOUS ZONE (Rhyolite flow?) Rock is generally aphantic almost pure $S.O_2$ Banding is not all continuous could be lapilli tuff?		94317	114.5-115		0.5	.001	.03	.01
115-116'			GREY PORPH. ANDESITE Small phenocryst of feldspar in grey fine grained andesitic ground mass.								
116-132'			BRECCIA Rock is generally H. green-grey, very fine grained matrix with large clasts of andesite 1cm-10cm, Rock has a sheared appearance in places (with blotches of red-brown carbonaceous material) There is also some epidote alteration in places with interstitial spaces containing pyrite mod-major and occasional massive blebs.		94323	123-124		1.0	.004	.16	.73
132-133'			GREY PORPH. ANDESITE	Mod. py along fractures @133							
133-133.5			BRECCIA with skarned zones	Min-Mod. py in blebs and along fractures							
133.5-138			GREY PORPH. ANDESITE								
138-141'			BRECCIA with mixings of grey porph. andesite brecciated zones are skarned and contain mod-min pyrite in places								
143-144'			GREY PORPH. ANDESITE More phenocrysts than in other sections, also somewhat larger, some edidote alteration.								

OPERTY GRAND UNION

MPANY HOMESTEAD RESOURCES

GGED BY J. ROBINS

HOLE NO. DDH 84-01

BEARING 310°

DIP 15°

LENGTH 202 A

LATITUDE

DEPARTURE

ELEVATION

om	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au	Assays Ag	Assays Cu
									oz/ton	oz/ton	%
-160'			SKARNED (BRECCIA?) ZONE (same as breccia but not distinguishable) 148.5-149.5' epidotized section, small chalco blebs 1cm in minor amounts.		93219	148.5-148.6		1.3	.002	.05	.04
-172.5'			SKARNED BRECCIA & GREY PORPH. ANDESITE 167' major pyrite, minor chalco, mod. pyrrhotite		94320	165.5-168		2.5	.001	.09	.23
.5-179.5'			GREY PORPH. ANDESITE Occasional skarned patches	Minor py, minor pyrrhotite							
.5-190			PURPLISH GREY SEMI PORPH. ANDESITE Occasional skarned zones, minor-mod. py along fractures 188 epidotized zone 10cm wide								
-198'			HEAVILY SKARNED ZONE Rock appears to have been remitted with partial recrystallization Generally H. colored to grey white in places with purple skarned zones 193' epidotized section		94321	191-196		5.0	.001	.04	.04
-202'			DARK GREY ANDESITE with some skarned patches mod. pyrite especially along fractures		94322	200-202		2.0	.002	.04	.06
			Note: presence of skarned patches and lighter color could be caused by the near proximity to the contact with granodioritic? body to the north of here								

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

BEARING 300°

DIP 15°

LENGTH 366 ft.

DEPARTURE

ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	Assays %
0-10'			OB								
10-40'			FAULT ZONE Green epidotized intensly sheared fault breccia. Rock is very soft with clotts of altered andesite. In places the rock is totally altered to clay. Carbonates present throughout the fault zone.		94334 94335	19-22 22-24		3.0 2.0	.001 .001	.04 .05	.01 .03
40-56.5'			LIGHT GREY-GREEN ALTERED ANDESITE (DACITE) Moderately epidotized, intensly fractured with carbonate infilling very fine grained.								
56.5-57'			FAULT ZONE Epidotized, dark grey-green.								
57-62'			DARK GREY-GREEN ANDESITE Contains spherulitic phenocrysts of feldspar and quartz up to 1 cm aphanitic ground mass.		94326	60-61 (iron stained) zone min. py		1.0	.001	.03	.01
62-68'			GREY PORPHYRITIC ANDESITE (DACITE?) Softer than the darker andesite (due to alteration?) and and is characteristically fractured with carbonate infilling								
68-80'			GR. TUFF. Rocks very soft, altered to clay in places. Glass shards are augite to spherulthe 0.5cm, same as seen in DDH 84-01.								
80-82'			GREY ANDESITE (DACITE) Altered, soft, fractured, fine grained								
82-83'			SILICEOUS ZONE (flow banded rhyolite) White with dark bands possibly a rhyolite flow? Rock is aphantic and glassy with small, poorly developed phenocrysts. Contact @ 40° to core axis.								

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

BEARING 300°

DIP 15°

LENGTH 366'

DEPARTURE

ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	Assays Cu %
83-85.6'			GREY TUFF								
85.6-86.5'			Siliceous zone (flow banded rhyolite?) same as above								
86.5-99'			Dark grey green ANDESITE fractured with small feldspar phenocryst in sections (1mm) in aphanitic ground mass		94327	90-93		3.0	.001	.01	.01
99-109			Felsic zone, Dacitic very fractured	mod. py @ 103							
109-174'			Dark grey green andesite, oc occasional bands of minor-mod py 1mm along fractures	occasional thin bands of py							
174-190'			Grey andesite (dacite?) small quartz veinlets, slightly purplish in places	min- mod py along fractures	94328 94329	174-175 187-189		1.0 2.0	.007 .003	.09 .03	**.03** **.01**
190-216'			Dark grey green andesite @ 206' small siliceous zone (rhyolite) 15cm @ 209.5' mod-maj py in fracture	 mod-maj py in fracture @ 209.5	94330 94331	209.5-210.5 211-212		1.0 1.0	.001 .001	.03 .04	.01 .01
216-218'			Grey andesite								
218-262'			Dark grey green andesite finely banded, trace py	 trace py							
262-269'			Grey (porphyrite) andesite								
269-273'			Dark grey green andesite								
273-280'			Grey (porphyritic) andesite								
280-285'			Dark grey green andesite								
285-286'			Grey porphyritic dyke very altered, same as seen earlier								
286-291'			Dark grey green andesite								

COMPANY HOMESTEAD RESOURCES

LOGGED BY

BEARING 300°

DIP 15°

LENGTH 366

DEPARTURE

ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	Assays %
291-294'			Grey andesite quartz rich sections, some epidote alteration		94344	292-294		2.0	.001	.06	.01
294-300'			Grey white andesite (porphyritic) distinct flow banding 40° to core axis								
300-308'			Dark grey green andesite								
303-313'			Grey andesite (porphyritic)								
313-318'			Andesite dark grey green								
318-320'			Grey (porphy) andesite								
320-329'			Dark grey green andesite		94332	327.5-328		0.5	.001	.10	.01
329-332'			Grey (porphy) andesite								
332-366'			Grey (porphy) andesite, fine grained in sections		94333	355-356.5		1.5	.001	.05	.01
END OF HOLE 366'			Note: with the exception of the grey porphyrite dyke, the entire core consisted of andesite which varied between a very hard, fine grained, dark grey andesite and a softer porphyrite light grey (altered) andesite which is usually fairly fractured. In some areas narrow siliceous zones were encountered usually in the grey andesite and resembled aphanitic rhyolitic flows or possibly a siliceous ppt								

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS
Just downslope from vein O.C. (10m)

BEARING 285°

DIP 37°

LENGTH 151 ft.

DEPARTURE

ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	Assays %
0'-3'			O.B.								
3'-113'			Grey green porphyritic andesite. generally very hard, fine grained with small 5mm phenocrysts and feldspar. Rock contains scattered siliceous zones altered to epidote. Minor pyrite is often found in these areas. No distinct flow banding seen. Overall the rock is fairly competent.								
			13.5-14.5' epidotized and siliceous zone with some iron staining. trace py.								
			27-28 silicified and epidotized zone, minor py.								
			35 Small 10cm epidoted zone 30-40° to core axis		94336	33-38 geochem		5.0	5ppb	.1ppm	26pp
					94337	38-40		2.0	.001	.05	.01
			40-42 Grey green porph. andesite with mod-maj py, trace chalco		94338	40-41		1.0	.014	.06	.05
			@41.5 small vein 3-5 cm wide bearing oxidized major py, carbonates		94339	41-42		1.0	.054	.09	.10
			have been removed leaving cavities . Vein is a dark black		94340	42-43		1.0	.005	.05	.03
			color, orientation - 30° to axis		94341	43-45		2.0	.001	.18	.01
			75-75.5 Small epidotized section min. py		94342	45-50		5.0	5ppb	.1ppm	39pp
			Small "skarned" redish brown zones.								
			84-87 Epidotized zone with minor-mod. pyrite, trace chalco, rock has a light green color.								
			90-113 Epidotized ,silicified section 92' small aphanitic dark green 5cm thick @ 30° . Dyke co small chilly zone 1-2 mm. on both sides.								
			Rock contains abundant siliceous epidote veinlets minor py.								

PROPERTY [illegible] HOLE NO. [illegible] LATITUDE _____

COMPANY HOMESTEAD RESOURCES BEARING 285° DEPARTURE _____

LOGGED BY J. ROBINS DIP 37° ELEVATION _____

LENGTH 151 ft.

From	To	Recovery %	Description / Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	Assays Cu %
114-151'			DARK GREEN ANDESITE WITH INTERLAYERED LIGHT GREEN DACITE Mottled appearance due to epidote alteration Minor pyrite.							
132-134'			SULPHIDE VEIN Rock is very siliceous with some small quartz stringers, it has a black weathered appearance due to pyrites being oxidized and removed. Pyritized cavities contain moderate to major py.	3216 3217	132-133 133-134		1.0 1.0	.002 .028	.10 .03	.01 .01
134-136			Tuffaceous mudstone - argillite very fine grained dark grey, soft and carbonaceous some small scale bedding.							
136-138			Heavily pyritized porph. dacite very siliceous, grey dacite with major pyrite in blebs and also concentrated along fractures.	3218	136-138		2.0	.136	.04	7.04
138-140			Grey porph. dacite							
140-151			Dark green andesite, some epidotized sections							
			END OF HOLE							

PROPERTY GRAND UNION PROPERTY

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

HOLE NO. DDH 84-04

BEARING 285°

DIP 15°

LENGTH 76'

LATITUDE

DEPARTURE

ELEVATION

DDH 84-04
HOMESTEAD RESOURCES
ERIE CREEK, B.C.

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au	Assays Ag	Assays C
									oz/ton	oz/ton	%
0			No overburden								
0-76' (23.1 m)			ANDESITE Generally dark green, very fine grained, hard, semi porphyritic in places (dacite?) Overall the rock has a mottled appearance with abundant patches of light green epidotized andesite.								
			27-28' MINOR QUARTZ STRINGERS with calcite along fractures	minor pyrite							
			34.5-35' 6" of TUFFACEOUS MUDSTONE - (massive, some shards, carbonaceous) ARGILLITE								
			38-39.5' ANDESITE WITH MINOR SKARNED PATCHES skarned areas localized along fractures	mod pyrite in blebs							
			51-53' HEAVILY PYRITIZED ANDESITE	major pyrite 2-4% semi massive - blebs mod chalco pyrite							
			53-55' SANDED SULPHIDE VEIN		94324	53-55		2.0	.039	.10	.15
			59-60' TUFFACEOUS MUDSTONE - ARGILLITE		94343	55-57		2.0	.163	.18	.24
					94325	57-59		2.0	.012	.08	.11
			60-76 SLIGHTLY PURPLISH COLORED SEMI PORPH ARGILLITE OR DACITE	Minor pyrite							
76'			END OF HOLE								

PROPERTY GRAND UNION PROPERTY

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

HOLE NO. DDH 84-05

BEARING 295°

DIP 15°

LENGTH 55'

LATITUDE

DEPARTURE

ELEVATION

DDH 84-05
HOMESTEAD RESOURCES
ERIE CREEK, B.C.

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au	Assays Ag
0			No overburden							
0-43'			ANDESITE Dark green grey, hard, fine grained, porphyritic in places dacite? (white feldspar phenocrysts). Mottled appearance due to epidote alteration 22' small 1 cm quartz vein.	Min-mod pyrite						
43-44'			SILICEOUS ZONE (rhyolite flow?) Light colored, very hard, quartz rich, flow fractures	mod pyrite						
44-44.6'			TUFFACEOUS MUDSTONE - ARGILLITE							
44.6-52'			HEAVILY PYRITEZED SILICEOUS DACITE Light colored, very hard, with quartz veinlets, carbonate in fractures	Massive- semimassive pyrite pyrrhotite and in small quartz veinlets						
52-55'			ANDESITE Dark green grey with minor pyrite	minor pyrite						
55'			END OF HOLE							

PROPERTY GRAND UNION PROPERTY

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

HOLE NO. DDH 84-06

BEARING 295°

DIP 30°

LENGTH 85'

LATITUDE _____

DEPARTURE _____

ELEVATION _____

HOMESTEAD RESOURCES
DDH 84-06
ERIE CREEK, B.C.

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	Assays %
0			No overburden								
0-73'			ANDESITE Dark green grey, very hard, semi porph. in places (dacite?) Rock has mottled appearance due to abundant epidotized sections								
			41-41.5' ALTERED SECTION AND PORPHYRYTIC DACITE iron stained orange color								
			67' SMALL PYRITIZED VEIN	Mod pyrite	3219	67-67.5		0.5	.004	.06	.01
73-84.5'			SILICEOUS RHYOLITIC- DACITE ROCK H. grey with some cruditized sections, some evidence and flow banding @ 30-40° minor skarned patches along fracture	min-mod py along fractures and ll to flow	3220	83-84		1.0	250ppb	5 ppm	181 pp
84.5-85'			TUFFACEOUS MUDSTONE - ARGILLITE Light-dark grey carbonaceous, shards								
85'			END OF HOLE								

PROPERTY GRAND UNION PROPERTY

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

HOLE NO. DDH 84-07

BEARING 80°

DIP 45°

LENGTH 525'

DEPARTURE

ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	Assays C %
0-28'			OVERBURDEN								
28-35.5'			GREY PORPH ANDESITE contains minor skarned sections hard, med-lt. grey colorwith white feldspar phenocrysts 28-30' Rock contains minor-mod py in skarned sections carbonates along fractures dominant fractures @ 65° to core axis	min-mod py 1-2%	3201	29-30'		1.0'	.001	.01	.02
			also minor manganese (dendritic pyrolusite) along fractures		3202	35-35.5		0.5	.002	.03	.03
25.5-38'			GREY TUFF Light grey, very soft carbonaceous tuff with small vitreas shards (glass) and larger lapilli sized sub angular clasts 1 cm In places small crystals of feldspar (kspar) are seen as poorly developed porphyroblasts Contact with surrounding units is irregular 50-60 with some brecciation near contact	minor-mod in blebs 1% minor pyrolusite along fractures							
38-44'			Interlayered dacite and tuff Tuff has kspar crystals up to 3 cm.	minor py.	3203	38-39		1.0	5ppb	5ppm	84pp
44-51'			GREY TUFF								
51-54.5'			SEMI PORPH. GREY DACITE Carbonate along fractures								
54.5-55.5'			GREY TUFF								

PROPERTY GRAND UNION PROPERTY

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

BEARING 80°

DIP 45°

LENGTH 525'

DEPARTURE

ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au	Assays Ag	Assays C
									oz/ton	oz/ton	%
55.5-69.5'			SEMI PORPH GREY DACITE Contain some carbonate veinlets, with minor disseminated pyrite rock becomes progressively more altered towards 69.5 with breccia present from 67.5-69.5'	minor pyrite							(
69.5-102.5'			FAULT ZONE Pale green heavily altered epidotized fault breccia with sections of gouge clasts in breccia consistance and andesite and dacite.		3204	09-70		1.0	5ppb	9ppm	32pp
			Rock is very soft crumbly with the matrix almost totally altered to clay minerals. 86.5' - sheared quartz vein? feldspar in surrounding dacite altered to bright orange.		3207	81-83'		2.0	5ppb	.2ppm	5ppm
			89-90' Iron stained section		3206	89-90		1.0	.001	.01	.01
			96.5-97-5' 2 small zones as sheared quartz with mod-major py in places. (2 zones 5 cm wide each) Contact with footwall @ 70° to core axis	Mod-major py	3208	96.5-97.5		1.0	.069	.17	.01
102.5-210'			PREDOMINANTLY DARK GREEN GREY F.G. ANDESITE WITH small sections of grey porph. dacite. contacts between andesite and dacite @ 20° 128-132 fractures present ll to core axis. minor small flow banding (alignment to feldspars) @ 20-30° to core axis		3209	102-103		1.0	5ppb	.3ppm	3ppm
210-215'			HEAVILY EPIDOTIZED FRACTURED GREY DACITE Fractured and sheared in places minor gouge								
215-216'			DARK GREEN ANDESITE								
216-236.5'			EPIDOTIZED GREY GREEN PORPH. DACITE AND ANDESITE Fractured with minor gouge								

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

BEARING 80°

DIP 45°

LENGTH 525'

DEPARTURE

ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au	Assays Ag	Assays C
									oz/ton	oz/ton	%
236.5-237'			TUFFACEOUS MUDSTONE Grey soft, calcereous								
237-239'			GREY GREEN PORPH DACITE								
239-250			DARK GREEN GREY F.G. ANDESITE with occasional small bands of porph. dacite and 2 small bands of tuffaceous mudstone 2-6 cm.								
250-257'			INTERLAYERED F.G. DARK GREEN ANDESITE & PORPH. H. grey green dacite contacts @ 70° to core axis Some green epidotized sections 10cm wider		3210	255-256		1.0	5ppb	.3ppm	10pp
257-258'			ARGILLITE Grey soft bedded argillite								
258-298.5'			LIGHT GREY GREEN PORPH. DACITE with occasional sections of andesite		3215	272					
298.5-304'			PINK FELDSPAR PORPHYRITIC TUFF Fine grained tuffaceous rock, mildly carbonaceous, medium soft with glass shards dished in places 50° to core axis. phenocrysts are large pink poorly developed		3212	302-303		1.0	5ppb	.1ppm	.5pp
304-309'			BRECCIATED ZONE H. grey green epidotized andesite.								
309-404'			LIGHT GREY GREEN PORPH DACITE & DARKER GREEN ANDESITE Numerous small epidotized sections. 316-318 Small quartz veins ll core axis. Bull quartz snow white minor py 353-356 Breccia with quartz stringers mod py in blebs 378-379 Small fault 379-404 Scattered blebs of py 1-2% mod. fractured		3211 3213 3214	316-318 378.5-379 395-396		2.0 0.5 1.0	.005 250ppb 210ppb	.01 1 ppm 4 ppm	.01 48pp 469pp
404-427			DARK GREY GREEN ANDESITE Semi porph. with minor sections of dacite								
427-429			SMALL VEIN ll to core axis 3-4 cm (true thickness) Snow white minor py		3249	428-429		1.0	.301	.04	.02
429-430			BRECCIATED ZONE OF QUARTZ AND ANDESITE								

PROPERTY GRAND UNION PROPERTY

COMPANY HOMESTEAD RESOURCES

LOGGED BY J. ROBINS

HOLE NO. DDH 84-07

BEARING 80°

DIP 45°

LENGTH 525'

LATITUDE

DEPARTURE

ELEVATION

From	To	Recovery %	Description	Mineralization	Sample Number	Sample From	Sample To	Sample Width	Assays Au oz/ton	Assays Ag oz/ton	(
430-512'			Dark green ANDESITE some smaller sections and porph. dacite	minor py in places							
512-516			Light green grey epidotized fault breccia	mod. py dissem. trace min. chalco	3248	512-516		4.0	.017	1.2	.59
516-525			Dark green grey andesite and lighter grey green Dacite								
525			END OF HOLE								

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,039

RHODES FR.

DOLLY

DALE

WINNIE

EVA FR.

GUS FR.

LUCY

CLIFF

RAND FR.

RAND VEIN

AMOS

GRAND UNION

INEZ FR.

INEZ VEIN

DIGIT

LI'L GEEZ

PROPERTY OUTLINE
(GRAND UNION PROPERTY)

SECOND RELIEF VEIN

PEGGY FR.

STAR SHINE

RISK FR.

BL 0+00

LEGEND

Soil sample location
Creek
Road
Cirque

Cu sub-anomaly and anomaly
Pb
Zn
Ag
As

0 30 100 200 METRES

To accompany geochemical & geophysical report by David S. Mark, Geophysicist, July 1984

GEOTRONICS SURVEYS LTD.

HOMESTEAD RESOURCES LTD.

GRAND UNION PROPERTY
SALMO AREA
NELSON M.D., B.C.

SOIL GEOCHEMISTRY SURVEY
COMPILATION MAP

Drawn by:	Date	Project No.	N.T.S.	Scale	Sheet No.
F.F.C.	July 1984		82F-6 W	1:4000	

LEGEND

- 4 MINERAL DIKES
- 3 NELSON GRANODIORITE
- 2 ROSSLAND ANDESITE FLOWS
- 1 INTERBEDDED ARGILLITES, SLATES & ANDESITES

- GEOLOGICAL CONTACT
- VEIN
- ACCESS ROAD
- ADIT
- DIAMOND DRILL HOLE
- NEWLY ENCOUNTERED SULPHIDE VEIN
- WORKINGS OR TRENCH
- PROPERTY BOUNDARY
- SEE DETAIL MAP

PITT L14659
WINNIE L14660
DALE L14663
DOLLY L14664
MILLION L14691
LEE L14658
LUCY L14661
LESLIE
GUS FR. L14662
PEGGY FR. L14656
MIKE
RHODES FR. L14667
EVA FR. L14665
IDA D
GRAND UNION L2467
RAND FR. L14666
LAURA L14668
CLIFF L-2915
RISK FR. L14655
STAR SHINE L2466
DIGIT
LIL GEEZ
BIG BUMP L2464
SECOND RELIEF
STAKED
AMOS L14670
INEZ FR. L14669
APEX FR. L14675
HAWKEYE
WAFFER L2468
ERIE 3
ANDY FR. L14671
ARGENTEUIL L3326

SLIDE CREEK
Hemlock Creek
ERIE CREEK

SEE FIGURE 4
SEE FIGURE 15
SEE FIGURE 6
MINE GRID
INEZ VEIN
RAND VEIN
SECOND RELIEF VEIN (surface)
Approx. area stoped on Second Relief vein
Probably Million Vein
Loc. of surface trench showing 1984 Inez vein
Grab sample JR 82 1.09 oz/ton Au
DDH 84-01 -45° 310° 202'
DDH 84-02 -45° 300° 366'
DDH 84-03 -45° 295° 51'
DDH 84-04 -45° 285° 76'
DDH 84-05 -45° 295° 55'
DDH 84-06 -45° 295° 85'
DDH 84-07 -45° 90° 525'
No 1 ADIT
No 2 ADIT
No 2 SHAFT
VEIN EXPOSURE Channel 11-12 WDH-11
VEIN EXPOSURES Channel 1-5 WDH 1-5 Channel 9-10 WDH-9,10
Channel 6-8 WDH 6-8
Corner post of AMOS grid 1.6 km at 90° to location of channel samples 1-5
Two boreen qtz.
Sheared diorite & some qtz
Alt. qtz. & altered diorite
Lens sparse sulphides & qtz. in coved
coved, qtz
coved rusty & argillite some qtz
qtz & sulphide
qtz vein
10' funnel on vein qtz
Irreg. vein
No vein
Disem. py
sparse disem. py

5000'
4500'
4000'
3900'
3700'
5500'

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,039

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

FIGURE 3

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

CLAIM MAP

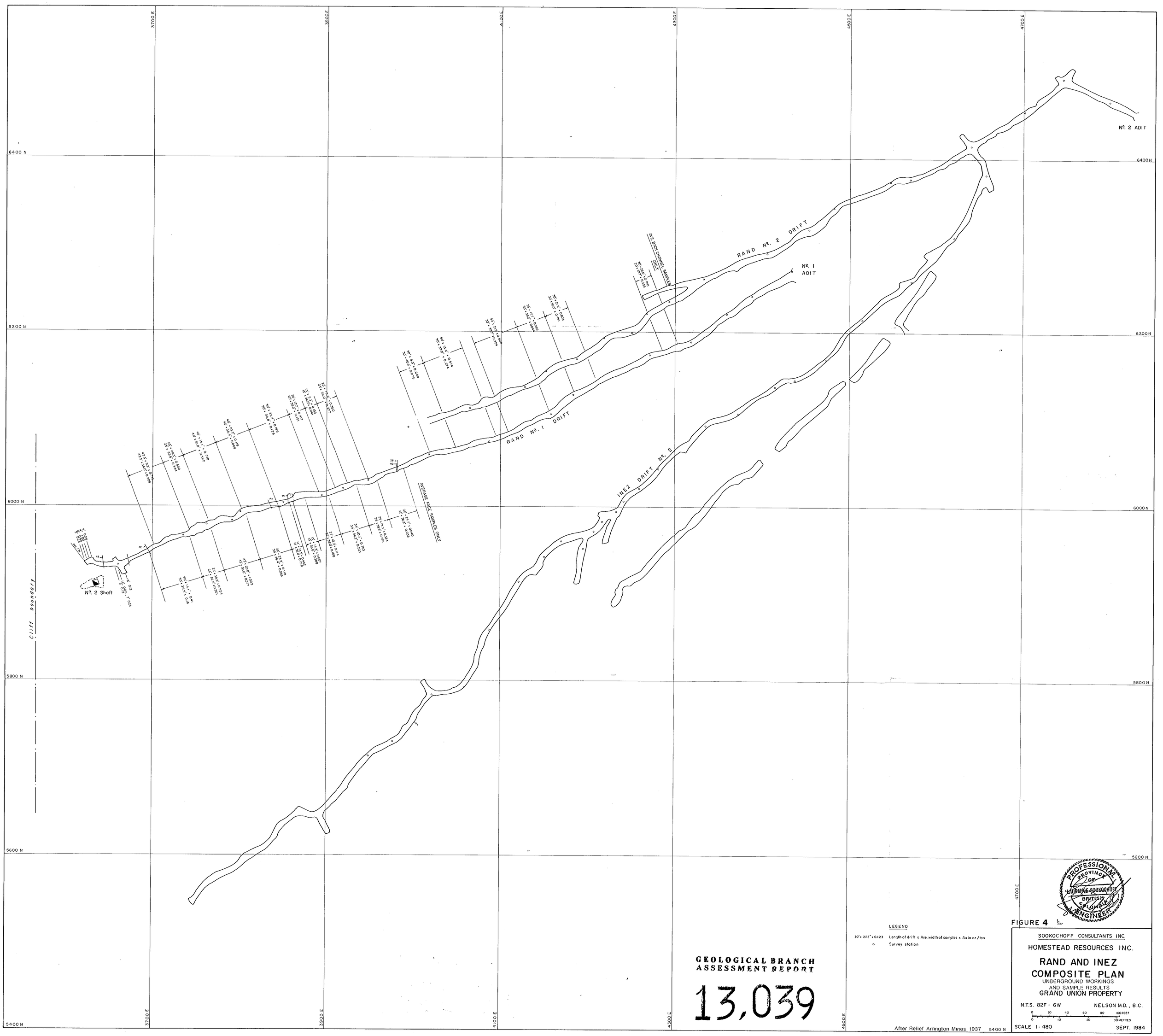
(GEOLOGY and WORKINGS)

GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 500 1000 FEET
0 100 200 300 METRES

SCALE 1:4000 AUGUST 1984



LEGEND

30' x 27.2' x 0.123 — Length of drift x Ave. width of samples x Au in oz/ton

o — Survey station

After Relief Arlington Mines 1937

GEOLOGICAL BRANCH
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PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

FIGURE 4

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

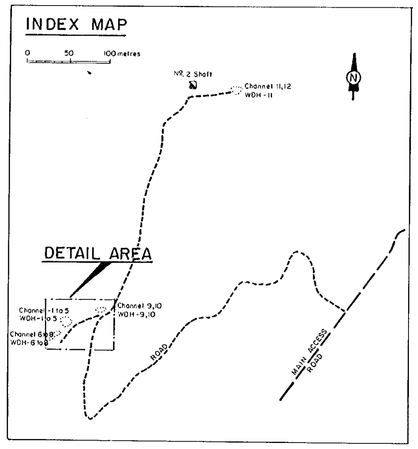
RAND AND INEZ COMPOSITE PLAN

UNDERGROUND WORKINGS
AND SAMPLE RESULTS
GRAND UNION PROPERTY

N.T.S. 82F - 6W — NELSON M.D., B.C.

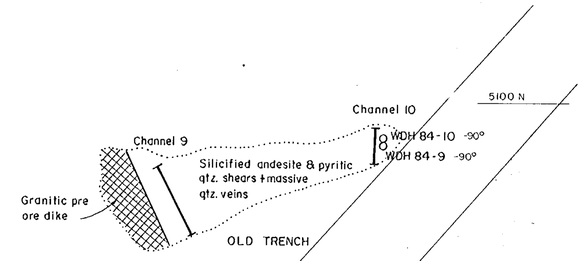
0 20 40 60 80 100 FEET
0 10 20 30 METRES

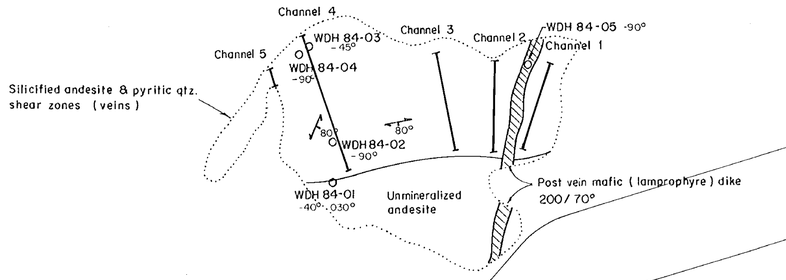
SCALE 1 : 480 — SEPT. 1984

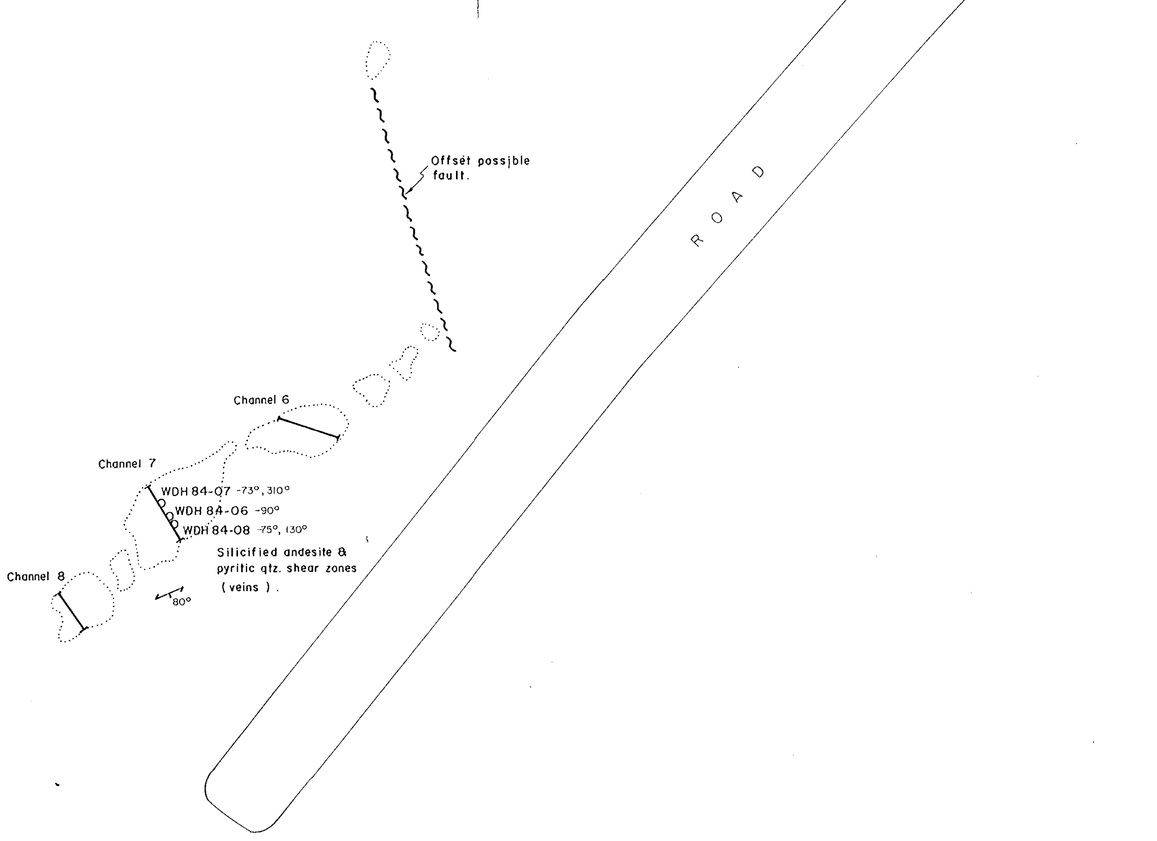


3300 E

5100 N







LEGEND

- Outcrop
- Channel Sample Location
- O Winkie Drill Hole

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PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

FIGURE 5

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

CHANNEL SAMPLES AND WINKIE DRILL HOLES

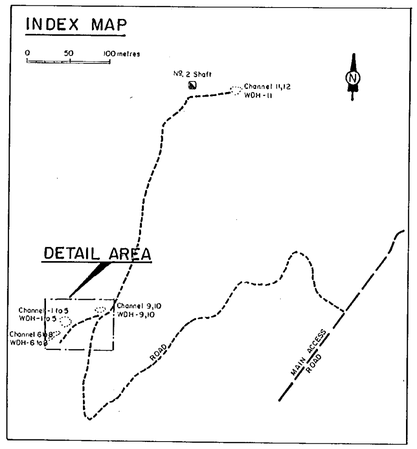
INEZ
GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 10 20 FEET
0 1 2 4 6 METRES

SCALE 1:100 AUGUST 1984

INDEX MAP



3300E

5100 N

Channel 9
110 - .208 / .07
50 - .126 / .12
30 - .022 / .09

Channel 10
30 - .005 / .01
70 - .008 / .02

Channel 4
150 - .042
44 - .230
160 - .235
60 - .785
20 - .008

Channel 5
50 - .336

Channel 3
30 - .217
15 - .015
30 - .145
60 - .094
75 - .006
30 - .094
30 - .006
10 - .072
20 - .009
90 - .582
15 - .066
150 - .050
15 - .550
45 - .024

Channel 2

Channel 1
60 - .007
15 - .301
90 - .022
24 - .430
34 - .031
15 - .047
10 - .018

Channel 6
120 - .486 / .11
80 - .008 / .03

Channel 7
90 - .011 / .04
100 - .206 / .09

Channel 8
20 - .010 / .05
50 - .128 / .07
50 - .246 / .11

ROAD

N

LEGEND

- Outcrop
- Channel Sample Location
- 70 - 008/02 — Assay lenght in cm. – Au / Ag in oz/ton

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FIGURE 6

SOOKOCHOFF CONSULTANTS INC.

HOMESTEAD RESOURCES INC.

ASSAY PLAN CHANNEL 1-10

INEZ

GRAND UNION PROPERTY

N.T.S. 82F-6W NELSON M.D., B.C.

0 10 20 FEET
0 1 2 4 6 METRES

SCALE 1:100 AUGUST 1984