LOG NO: AUG 0 6 1992 RD.
ACTION:
FILE NO:

LOG NO: DEC 19 1991 RD.
ACTION:
FILE NO:

RECONNAISSANCE MAPPING AND SAMPLING

THORN PROPERTY

THORN 1-5 CLAIMS

(Record No. 4672-4676)

ATLIN MINING DIVISION

BRITISH COLUMBIA

NTS 104K/10
58 Degrees 30'N, 132 Degrees 50'W

for

Golden Rule Resources Ltd.
#1450, 125-9th Ave. S.E.
Calgary, Alberta
T2G 0P6

by

Bruce T. Evans, P. Geol.
Calgary, Alberta

November 13, 1991

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,968

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

APPENDICES

1.0 INTRODUCTION

During August 1991 a short (12 man day) reconnaissance mapping and sampling program was completed on the Thorn 1-5 claims. Seasonal constraints limited access to some areas of the property. Results of a government regional geochem survey indicate the possible presence of Au, Ag, Pb, Zn mineralization on the Thorn 3 claim.

2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

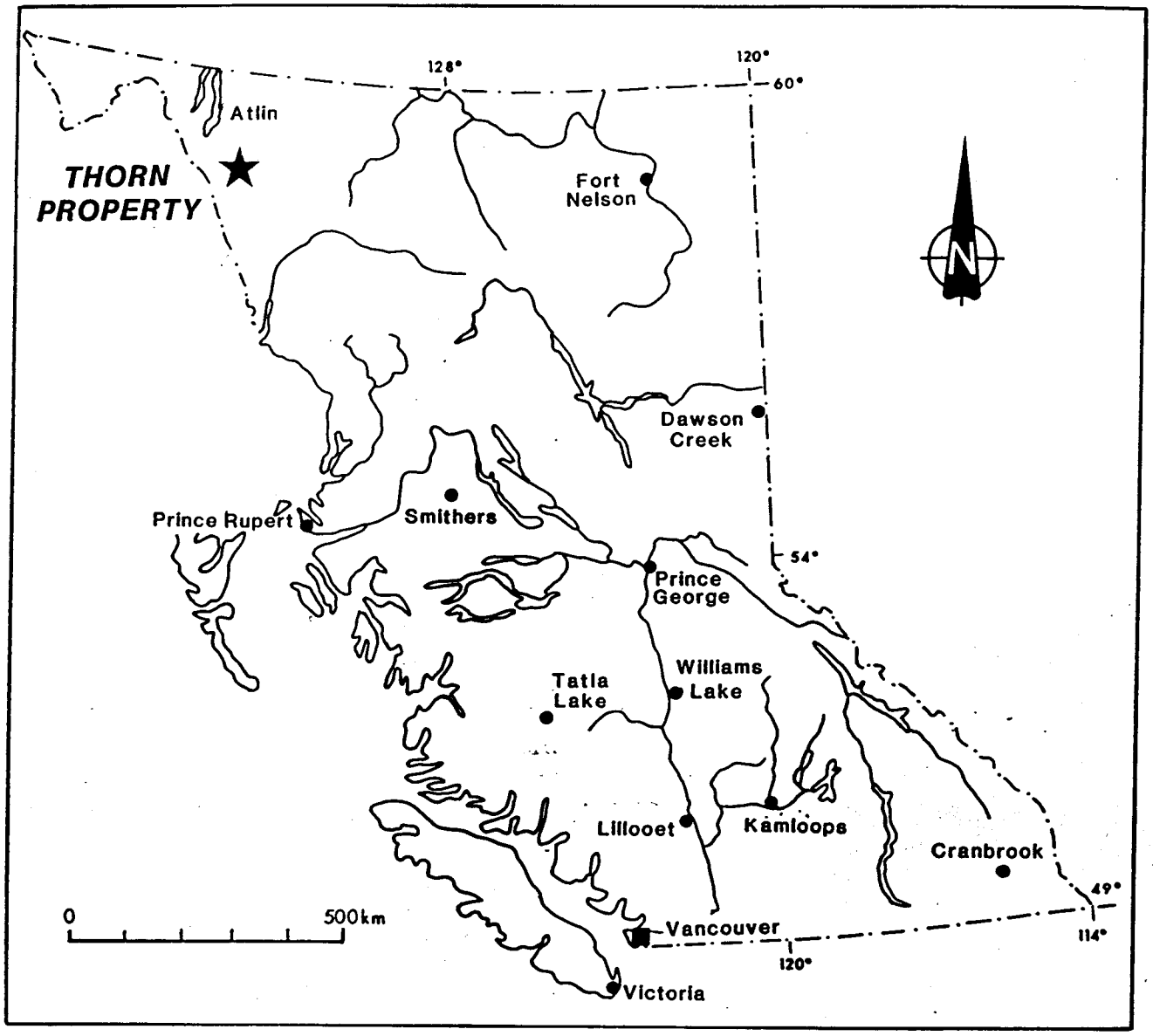
The Thorn claim group is located in the northwest corner of British Columbia (Figure 1), approximately 1,200 km northwest of Vancouver and 270 km south-southeast of Whitehorse, Yukon Territory (NTS 104K/7 and 104K/10). Logistical support for the project area can be gained through Telegraph Creek (80 km to the southeast), Dease Lake (140 km to the east), Juneau Alaska (100 km west-southwest) or from Atlin, B.C. (125 km north-northwest).

Access to the claim area is by float equipped aircraft to Trapper Lake (10 km southeast of the property) and then by helicopter to the project area.

Physiographically the claims are located within the Boundary Ranges of the Coast Mountains. The claim area is typified by rugged terrain with elevations that range from 1,000 m ASL to 2,285 m ASL. Vegetation ranges from that found at Alpine elevations to thick coastal type at the lower elevations. Terrain for most of the Thorn property is steep and rugged, local small glaciers fill high hanging valleys. The main drainage which flows through the Thorn 5 and 6 claims is moderately sloping and drift filled.

3.0 PROPERTY DESCRIPTION

The Thorn property consists of five (5) contiguous Four Post mineral claims. The claims total 66 units (1,650 ha) in surface area. The project area is on NTS sheet 104K/10 and falls within the Atlin Mining Division (Figure 2).



GOLDEN RULE RESOURCES LTD.	
THORN PROPERTY BRITISH COLUMBIA **LOCATION MAP**	
Date: NOV/91	N.T.S.: 93N/10
Revised:	FIGURE 1
Scale:	

TABLE 1
LIST OF CLAIMS

Claims	Record No.	Record Date	Units	Expiry
Thorn 1	4672	May 15/91	20	May 15/92
Thorn 2	4673	May 15/91	20	May 15/92
Thorn 3	4674	May 15/91	15	May 15/92
Thorn 4	4675	May 15/91	6	May 15/92
Thorn 5	4676	May 15/91	5	May 15/92

The Thorn claims are 100% owned by Golden Rule Resources Ltd. of Calgary, Alberta.

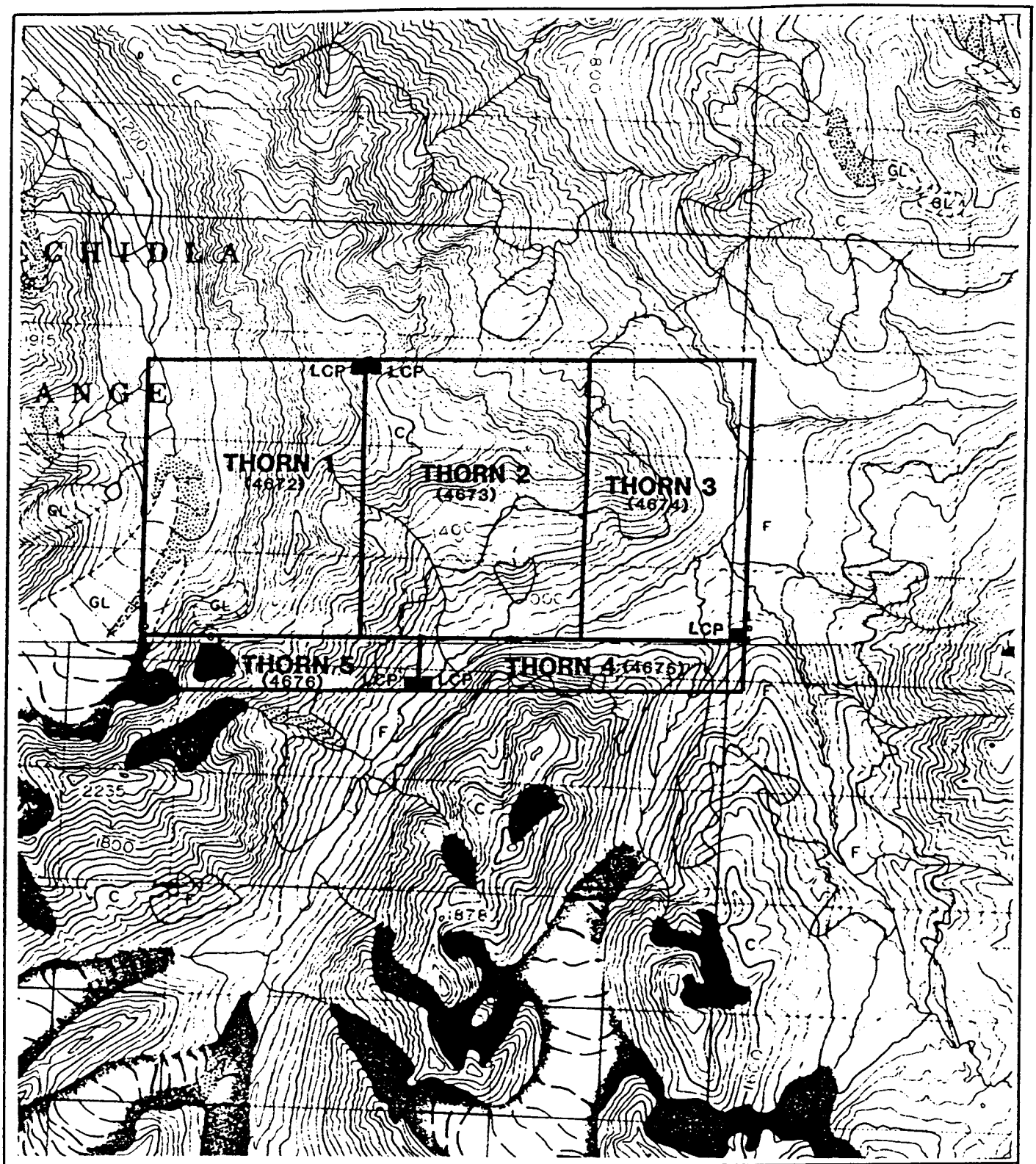
4.0 REGIONAL GEOLOGY

The Tulsequah - Trapper Lake - Tatsamenie Lake map area was most recently mapped by Souther (1971). Regional geology in the Trapper Lake Area is shown in Figure 3. The oldest rocks in the area are strongly deformed and regionally metamorphosed Permian and Lower Triassic metasediments and meta volcanics of the Stikine Assemblage. Rocks of the Stikine Assemblage are intruded by a lower to middle Triassic foliated diorite. These older rocks appear to be restricted to an area between Trapper and Tatsamenie Lakes.

A major regional unconformity separates older rocks from less deformed Upper Triassic and younger strata. The most widespread of the younger strata are Upper Triassic Stuhini Group mafic volcanics and related sediments. In the area of the Thorn property the Stuhini Group form a southeast trending Syncline enclosing a core of Lower and Middle Jurassic Takwahoni Formation (Laberge Group) sediments and overlying Upper Cretaceous to Tertiary felsic volcanics and related sub-volcanic intrusives of the Sloko Group. Middle Jurassic intrusive diorite plugs commonly intrude the Takwahoni Formation and older rocks. Often the intrusives appear to be spatially associated with mineralization in the area.

In the northeast corner of the map area, Upper Triassic limestone (Sinwa Formation) and Lower Jurassic sediments of the Inklin Formation have been thrust southwestward along the King Salmon Fault to form the Atlin Host.

Flat lying Late Tertiary and Pleistocene volcanics overlie all units along the east margin of the map area.



GOLDEN RULE RESOURCES LTD.

THORN PROPERTY
BRITISH COLUMBIA

CLAIM MAP

Date: NOV/91	N.T.S.: 104K/7,10
Revised:	FIGURE 2
Scale: 1:50,000	

Three major structural events have been interpreted for the map area. i) The oldest, a mid Triassic event is typified by tight folds with north trending axial planes, ii) A mid-Jurassic deformation resulted from southwest verging thrust faults which produces broad northwest trending folds, iii) The youngest structures are Eocene extension faults with no apparent preferred orientation.

Mineralization in the Tulsequah area is dominated by Volcanogenic massive sulphide deposits (approximately 40 km west of the Thorn property). Shear hosted precious metal mineralization is present at and near the Golden Bear Mine, located southeast of the project area.

Volcanogenic Massive Sulphide Copper-Lead-Zinc-Gold-Silver mineralization at the Tulsequah Chief, Big Bull and Ericksen Ashby deposits is associated with a contact between Permian felsic pyroclastic rocks and underlying massive andesitic flows. Reserves for the Tulsequah Chief are estimated to be 7,950,000 tons with average grade 1.55% Copper, 1.25% Lead, 6.79% Zinc, 0.081 opt Gold and 3.2 opt Silver. South of the Tulsequah Chief Deposit the Polaris Taku Gold Deposit is currently under exploration. Reserves at the Polaris Taku stand at 886,000 tons with average grade of 0.47 opt Gold. Mineralization at the Polaris Taku occurs as Arsenopyrite bearing quartz-carbonate veins which are "shear hosted" within Permian sediments and tuffs.

The Golden Bear Deposit is located about 43 kilometres southeast of the Thorn Property. Mineralization at the Golden Bear consists of Pyrite-arsenopyrite-Scorodite-native gold within a persistent quartz-carbonate shear which cuts through Permian to Lower Triassic limestone and Metasediments.

The Thorn occurrence is located on the "Daisy" claim immediately east of the Thorn claims. Eocene Sloko felsic volcanics are intruded by a small quartz-feldspar porphyry stock (Woodcock, 1987). Gold and silver mineralization have been found associated with linear east-west striking pyrite-arsenopyrite-tetrahedrite bearing silicified zones and with pods and lenses of pyrite-tetrahedrite-enargite.

5.0 PROPERTY GEOLOGY

The oldest rocks mapped on the Thorn property are Upper Triassic Stuhini Group volcanics. The Stuhini group is comprised of a northwest trending package andesite/basaltic flows and associated agglomerate, tuff, lapilli-tuff pyroclastics. Unconformably

overlying the Stuhini group over much of the Thorn 1 and Thorn 2 claims are conglomerates, sandstones and re-worked tuffs of the Jurassic Takwahoni Formation. Generally the Takwahoni is flat lying with local structural disturbances.

Late Cretaceous volcanics and intrusives have been mapped at the east and west boundaries of the property respectively. Light green Rhyolite/Dacite of the Sloko Group unconformably overlie Stuhini Group volcanics at the southeast corner of the property. The Sloko Rhyolites are flat lying to sub horizontal and northwest striking. At the western property boundary a late Cretaceous/early Tertiary medium to coarse grained pink, Biotite Hornblende Quartz Monzonite has been mapped. The intrusive exhibits intrusive contacts with both the Stuhini Group and Takwahoni Formation rocks. At the contact areas weak pyrite mineralization and contact metamorphism has been observed.

No economic mineralization was observed during the 1991 program.

6.0 PREVIOUS EXPLORATION

No records of property specific exploration for the Thorn claims are available. During the period of 1959-61 Kennco Explorations (Western) Limited carried out a regional geochemical program for porphyry copper-molybdenum deposits. It was during this period that the Thorn Au, Ag occurrence, located east of the Thorn claims was found.

Portions of the area have been mapped by government agencies intermittently since 1926. A 1971 GSC report (Memoir 362) authored by J. G. Souther represents the last comprehensive mapping and compilation of the region available to the public.

During the period of 1984 to 1987 Chevron Minerals Ltd. was active regionally completing large scale stream sediment sampling and reconnaissance prospecting. Between 1985 and 1987 Chevron completed geophysical surveys, geological mapping and limited diamond drilling on the Outlaw prospect which is located southeast of the Thorn property, Chevron met with limited success. During 1986 American Reserve Mining Corp. Diamond Drill tested the "Thorn" occurrence in the "Daisy" claim located east of the Thorn claims. Diamond Drilling at the "Thorn" occurrence did not intersect mineralization with grade similar to the surface occurrence.


GOLDEN RULE RESOURCES LTD.
THORN PROPERTY
REGIONAL GEOLOGY
TULSEQUAH AREA
BRITISH COLUMBIA
NTS 104 F & K
0 5 10 15 20 25
KILOMETRES
FIGURE 3
TULSEQUAH-CHIEF MINE
7.95 Million Tons of 1.55% Cu, 1.25% Pb, 6.79% Zn, .081 opt Au, 3.2 opt Ag
POLARIS-TAKU MINE
886,000 Tons of 0.47 opt Au
THORN
GOLDEN BEAR MINE
521,000 Tons of 0.528 opt Au
Inklin River
Tulsequah River
Taku River
Sutlahine River
Whiting River
Trapper Lake
Tatsamenie Lake
Samotua River
BRITISH COLUMBIA
ALASKA
LEGEND
VOLCANIC & SEDIMENTARY ROCKS
UPPER CRETACEOUS-OLIGOCENE
KTo OOTSA LAKE-SLOKO GROUP Intermediate to acidic volcanic flows
LOWER & MIDDLE JURASSIC
JL TAKWAHONI-INKLIN FORMATIONS Greywacke, argillite, conglomerate
UPPER TRIASSIC-LOWER JURASSIC
TrJT TAKLA-SINWA-STUHINI GROUPS Basaltic volcanics, siltstone, shale, limestone, conglomerate
TrJS SLOCAN-KING SALMON GROUP Shale, argillite, limestone, conglomerate schist sandstone
MISSISSIPPIAN-TRIASSIC
MPs STIKINE-ASITKA GROUPS Basalt, andesite, rhyolite, tuff, carbonate, argillite, chert
PROTEROZOIC-PALEOZOIC
PP CENTRAL GNEISS-SKAGIT GROUP Granitoid gneiss, migmatite, schist, plutonic rocks
INTRUSIVE ROCKS
LATE CRETACEOUS & EARLY TRIASSIC
KTqg Quartz, quartz monzonite, granodiorite, quartz diorite
EARLY-MID CRETACEOUS
EKq CASSIAR BATHOLITH Quartz monzonite, granite, granodiorite
PALEOZOIC-EARLY TERTIARY
MTg CENTRAL PLUTONIC COMPLEX Granodiorite, quartz diorite
EARLY-LATE JURASSIC
MJd Syenite, leuco-monzonite, leuco-quartz monzonite
LATE TRIASSIC-EARLY JURASSIC
EJg HOGEM BATHOLITH Granodiorite, quartz monzonite, quartz diorite, granite
EJd HICKMAN BATHOLITH Diorite, monzonite, syenite, quartz diorite, granodiorite, minor pyroxenite
LATE PALEOZOIC-TRIASSIC
LPTr Alpine type ultramafics; peridotite, serpentinite
G Glacier covered

7.0 1991 PROGRAM - DESCRIPTION AND RESULTS

Between August 18 and August 24 a six (6) day (twelve man day) reconnaissance geological mapping and sampling program was conducted on the Thorn 1-5 claims. The program base camp was on Trapper Lake and access to the property was by helicopter. During the program foul weather, snow cover and steep terrain hampered access to some areas of the property.

Helicopter reconnaissance revealed four (4) obvious gossans; one (1) on the Thorn 5 claim, two (2) on the Thorn 2 claim, and one large gossan (1,300 m x 500 m) on the Thorn 3 claim. Mapping on foot generally agreed with mapping performed previously be various government agencies. Mapping revealed that all gossans, with the exception of the Thorn 3 gossan were underlain by Jurassic Takwahoni sediments and tuffs. The Thorn 3 gossan was underlain by Stuhini Group volcanics. Mapping of the river valleys indicates that they are generally glacial drift filled and very little outcrop can be observed.

A total of twenty-one (21) samples were collected for analyses. Atomic-Absorption Au/Ag assays plus 31 element ICP analyses were performed on all samples (results of analyses are included in Appendix 2). The most significant result was from sample T-91-17 which assayed 145 ppb Au, 76 ppm Ag, 776 ppm Pb, 1,496 ppm Zn and, 1,065 ppm As. Sample T-91-17 was a brecciated, very fine grained Rhyolite with strong Fe-Carbonate alteration and 1-2% fine disseminated Pyrite throughout. The Rhyolite from which T-91-17 was collected is most likely a Stuhini Group constituent. Other samples collected in the area of T-91-17 exhibited similar strong Fe-carbonate alteration. Additionally the sample area where T-91-17 is located is proximal to the west end of the Thorn 3 gossan.

8.0 CONCLUSION AND RECOMMENDATIONS

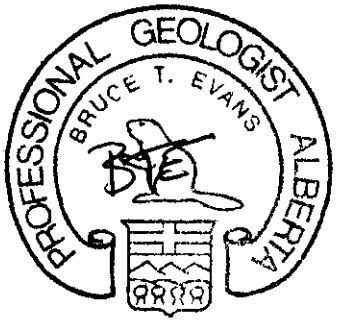
Gossanous material collected from the Takwahoni Formation rocks which underlie the Thorn 5 and Thorn 2 gossans is not obviously economically mineralized. The presence of the Thorn 5 and Thorn 2 gossans can be attributed to pyritic zones within the Takwahoni sediments.

The Thorn 3 gossan is underlain by Stuhini Volcanics. Access conditions precluded a detail examination and sampling of the Thorn 3 gossan. Sampling proximal and to the west of the Thorn 3 gossan (T-91-17) indicated the area to have a strong Fe-Carbonate alteration overprint and elevated contents of Au, Ag, Pb, Zn and As. Co-incident to the Thorn 3 gossan and on the main drainage

which flows through the Thorn 3 and 4 claims are two (2) government RGS stream sediment anomalies, the two anomalies grading 326 ppb Au and 730 ppb Au. Associated with the gold anomalies are multi-element anomalies in Pb, Zn, and Ag.

To continue evaluation of the Thorn property it is recommended that continued mapping and sampling be performed at the Thorn property. Particular attention should be paid to the Thorn 2, 3 and 4 claims where they are underlain by "Stuhini Volcanics". Scheduling of exploration should be for late June and July when the area would be snow free and reasonably good weather can be expected.

Bruce T. Evans. P. Geol.
November, 1991



9.0 Statement of Qualifications

I Bruce Thomas Evans with residence at 120 Strathdale Close, S.W. in the city of Calgary, Province of Alberta, do hereby state:

1. I hold the position of Senior Exploration Geologist with the firm of Golden Rule Resources Ltd. with offices at #1450, 125-9th Avenue S.E., Calgary, Alberta, T2G 0P6

2) I am a graduate of Queen's University at Kingston with a B.Sc. (Hons.) degree in Geological Sciences (1982), and I have practised my profession continuously since graduation.

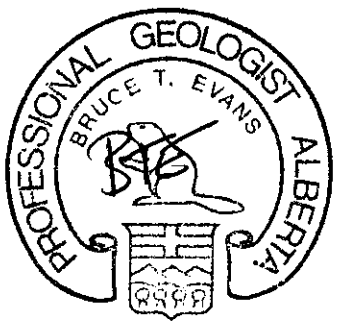
3. I am a member in good standing of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta.

4. Work contained in this report was completed either by myself or under my supervision.

5. I do not own and do not expect to receive any interest, either direct, indirect or contingent in the property described herein.

Dated at Calgary, Alberta this 13 day of November, 1991.

Bruce T. Evans, P. Geol.



10.0 SUMMARY OF EXPENDITURES

Personnel Field Work and Report Preparation		
Bruce T. Evans, P. Geol.		
Travel and Mobe/De Mobe	2 Days @ $330.00	$ 660.00
Field Work	6 Days @ $330.00	1,980.00
Report	2.75 Days @ $330.00	907.50
Ian Fraser, Geologist		
Travel and Mobe/De Mobe	2 Days @ $300.00	600.00
Field Work	6 Days @ $300.00	1,800.00
	Subtotal	$ 5,947.50
Camp Cost		1,411.31
Charter Aircraft		
Fixed Wing/Floatplane		1,727.60
Helicopter - TN Air B206	9.9 hr @ 918/hr (all inclusive)	9,088.20
	Subtotal	$10,815.80
Travel Costs		2,937.51
Equipment Rentals		
Radio Gear and GPS etc.		441.50
Analytical Costs		
AA Au, Ag and 31 element ICP	21 @ $21.44	450.24
Drafting and Reproduction		479.14
Expediting, Freight, and Warehouse		160.80
	TOTAL	$22,643.80

11.0 LIST OF REFERENCES

Gunning, M. H., 1988, Tulsequah Chief; in Exploration in British Columbia, 1987, B.C. Ministry of Energy, Mines and Petroleum resources, pp B78-B83.

Monger, J.W.H., 1980, Upper Triassic Stratigraphy, Dease Lake and Tulsequah Map Areas, Northwestern British Columbia; in current Research, Part B, Geological Survey of Canada, Paper 80-1B, pp 1-9.

Nelson, J. and Payne, J.G., 1983, Palaeozoic Volcanic Assemblages and Volcanogenic Massive Sulphide Deposits near Tulsequah, British Columbia, Canadian Journal of Earth Sciences, V. 21, pp 379-381.

Oliver, J. L. and Hodgson, C.J., 1988, Geology and Mineralization Bearskin (Muddy) and Tatsamenie Lake District (South Half), Northwestern British Columbia, Geological Fieldwork, 1988, Ministry of Energy, Mines and Petroleum Resources, Paper 1989-1, pp 443-453.

Schroeter, T.G., 1986, Muddy Lake Project, Geological Fieldwork, 1985, Ministry of Energy, Mines and Petroleum Resources, Paper 1986-1, pp 175-189.

Souther, J.G., 1971, Geology and Mineral Deposits of the Tulsequak Map Area, British Columbia. GSC Memoir 362.

Woodcock, J.R., 1987, Drilling Report on the Thorn Prospect, BCDMAR No. 15, 897.

APPENDIX 1

SAMPLE DESCRIPTIONS

Sample #	Tag #	Description
T-91-1	66423	Tuff - dark green, medium grain size, pyroclastic rock. Primarily quartz and plagioclase. No visible sulphides.
T-91-2	66424	Tuff/Flow - dark green, fine grained, weak pyroclastic to massive texture. Unaltered, primarily quartz and plagioclase, trace pyrite.
T-91-3	64425	As Above.
T-91-4	64426	As Above.
T-91-5	64427	Tuff/Pyroclastic - blue-grey, very fine grained, moderate gossan, stratified appearance, well silicified, 1-2% very fine disseminated pyrite.
T-91-6	66428	Porphyry - pink-orange colour, coarse grained, massive, porphyritic with coarse K feldspar and Hornblende phenocrysts.
T-91-7	66429	Tuff/Pyroclastic - As at Sample 66427.
T-91-8	66430	Tuff/Pyroclastic - As above but heavy gossan, well altered, 1-3% disseminated pyrite throughout.
T-91-9	66431	Tuff/Pyroclastic - As Above.
T-91-10	66432	Lapilli Tuff - dark grey with white plagioclase lapilli, fine to medium grained. Fine grained groundmass with 1-4 mm size lapilli. Weakly altered, no visible sulphides.
T-91-11	66433	Lapilli Tuff - as above but lighter grey and well altered.
T-91-12	66434	Andesite - dark green, very fine grained. Possibly xenolith within intrusive - no apparent mineralization.
T-91-13	66435	Andesite - dark green, very fine grained, abundant quartz veinlets with K-spar alteration. No visible sulphide mineralization.

T-91-14	66436	Altered Tuff Unit - light grey, soft, fine grained, well altered. Abundant quartz-carbonate veinlets. Trace fine grained sphalerite and galera.
T-91-15	66437	Agglomerate - grey-green, fine to coarse grained, coarse large fragments are angular, Weathered brown-orange. No visible sulphide mineralization.
T-91-16	66438	Ash Tuff - dark grey, very fine grained, brittle, unaltered, no visible mineralization.
T-91-17	66439	Rhyolite - very fine grained, brecciated, quartz veinlet, stockwork throughout. Strong Fe-carbonate alteration throughout. 1-2% find disseminated pyrite.
T-91-18	66440	Altered Tuff - light green, fine grained, well silicified. Weak Fe-carbonate alteration, no visible sulphide mineralization.
T-91-19	66441	Red Dyke - blood red, very fine grained, strikes east-west, no visible sulphides.
T-91-20	66442	Red Dyke - As Above.
T-91-21	66443	Altered Ultramafic - dark grey; fine to coarse grained. Mariposite Alteration, no visible sulphides (Unit from T-91-19 and 20 intrudes T-91-21).

APPENDIX 2

ANALYTICAL RESULTS

): GOLDEN RULE RESOURCES LTD.,
410, 1122 - 4th Street S.W.,
Calgary, Alberta T2R 1M1

ATTN: Ian Fraser

File No. 34627
Date September 24, 1991
Samples Rock

Certificate of Assay
LORING LABORATORIES LTD.

SAMPLE NO.	PPB Au
Geochemical Analysis	
66420	330
66423	25
66424	7
66425	12
66426	11
66427	60
66428	7
66429	17
66430	20
66431	28
66432	6
66433	5
66434	6
66435	5
66436	16
66437	8
66438	<5
66439	145
66440	13
66441	7
66442	<5
66443	6
66444	<5
66445	<5
66446	<5
66447	<5
66448	<5
66449	<5
66450	<5
66451	<5

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
Unless specific arrangements are made in advance.

Assayer

To: GOLDEN RULE RESOURCES LTD.,
410, 1122 - 4th Street S.W.,
Calgary, Alberta T2R 1M1

ATTN: Ian Fraser

File No. 34627
Date September 24, 1991
Samples Rock

Certificate of Assay
LORING LABORATORIES LTD.

SAMPLE NO.	PPB Au
66452	7
66453	6
66454	<5
66455	6
66456	5
66457	<5
66458	<5

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

GEOCHEMICAL ANALYSIS CERTIFICATE

Loring Laboratories Ltd. PROJECT 34627 File # 91-4410

629 Beaverdam Road N.E., Calgary AB T2K 4W7

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
66420	4	576	78	389	1.8	2	11	2176	5.12	19	5	ND	1	22	.2	2	2	49	1.85	.074	13	64	.91	111	.01	3	1.79	.01	.22	1
66423	1	278	20	129	.6	9	35	1097	7.88	2	5	ND	1	17	.5	2	2	194	1.40	.064	2	29	1.96	42	.44	3	2.74	.11	.05	1
66424	1	62	15	63	.1	20	22	567	5.34	2	5	ND	1	80	.2	2	2	148	1.38	.123	2	84	1.58	158	.24	3	2.65	.20	.70	1
66425	1	56	15	41	.1	337	41	1548	3.42	11	5	ND	2	652	.3	2	2	71	16.39	.043	2	207	4.17	40	.01	2	.60	.01	.01	1
66426	1	14	17	22	.1	53	7	2770	1.07	3	5	ND	1	380	.2	2	2	19	36.23	.007	3	24	.45	15	.01	2	.11	.01	.01	2
66427	1	47	10	20	.1	9	6	179	2.44	490	5	ND	5	23	.2	7	2	18	.40	.029	8	33	.14	166	.01	10	1.23	.01	.42	1
66428	1	14	14	51	.1	6	7	663	2.15	10	5	ND	7	174	.2	2	2	34	3.42	.077	28	21	.72	133	.01	2	1.24	.03	.19	1
66429	1	294	6	116	.1	44	36	982	6.92	2	5	ND	1	75	.5	2	2	236	3.53	.087	4	52	1.90	70	.06	2	2.46	.05	.08	1
66430	1	127	16	133	.2	37	33	603	10.46	82	5	ND	1	75	.4	2	2	186	.38	.111	3	50	1.33	750	.01	2	3.96	.03	.20	1
66431	1	231	11	44	.2	17	13	151	8.20	161	5	ND	1	260	.2	5	3	160	.32	.098	4	43	.37	695	.01	2	2.03	.06	.23	1
66432	1	25	16	68	.2	4	9	993	2.81	6	5	ND	7	197	.8	6	2	52	4.23	.090	27	24	.35	210	.02	2	1.13	.04	.23	1
66433	1	16	31	116	.1	4	7	2231	2.30	26	5	ND	5	162	.3	29	2	17	3.84	.073	23	21	.41	869	.01	5	1.35	.01	.32	1
66434	1	113	2	101	.4	14	33	1242	7.72	2	5	ND	2	85	1.0	15	2	172	1.33	.100	5	13	4.65	1057	.02	2	4.52	.05	.07	1
66435	1	55	6	39	.1	415	47	1044	4.41	4	5	ND	3	411	.6	2	2	88	8.86	.039	2	265	7.02	1917	.01	2	2.28	.01	.01	1
66436	1	39	424	515	1.4	276	32	10927	4.14	550	5	ND	2	211	4.9	17	2	48	12.41	.035	3	131	4.06	44	.01	2	.51	.01	.08	1
66437	1	15	63	247	.4	308	38	19366	4.70	54	5	ND	1	281	3.1	2	2	42	15.09	.034	2	85	5.49	108	.01	2	.52	.01	.10	1
66438	1	34	9	95	.1	12	19	1534	4.98	5	5	ND	1	98	.6	2	2	89	2.41	.130	6	20	1.52	411	.09	2	2.09	.08	.12	1
66439	1	37	776	1496	7.6	126	15	11685	3.56	1065	5	ND	2	134	12.7	20	2	22	12.41	.012	2	67	4.72	8	.01	2	.12	.01	.03	1
66440	1	27	195	410	2.0	147	17	13065	3.60	218	5	ND	2	167	4.6	8	2	34	14.85	.017	2	83	5.40	4	.01	2	.29	.01	.04	1
66441	7	13	26	31	.2	11	4	586	6.01	25	5	ND	1	10	.4	2	2	27	1.41	.024	2	172	.33	6	.01	5	.46	.01	.01	2
66442	11	7	7	12	.1	5	2	339	3.61	13	5	ND	1	8	.2	3	2	9	.86	.017	2	169	.07	12	.01	6	.11	.01	.01	1
66443	1	282	21	97	.2	19	25	725	4.80	4	6	ND	1	78	.4	2	2	119	2.18	.068	2	72	1.35	16	.41	5	2.42	.04	.03	1
66444	1	28	59	113	.3	7	9	465	8.54	12	5	ND	15	15	.4	2	2	87	.11	.064	38	47	.44	133	.01	4	1.98	.05	.16	1
66445	1	8	26	85	.1	4	6	638	3.88	2	5	ND	5	129	.5	2	2	56	1.49	.084	22	37	1.16	123	.01	3	1.86	.09	.11	1
66446	1	7	28	36	.1	5	5	730	2.04	17	5	ND	5	294	.7	2	2	45	2.82	.071	9	67	.51	99	.01	5	1.08	.06	.14	1
66447	1	22	15	56	.1	45	10	492	2.69	34	5	ND	3	161	.2	2	2	20	3.50	.070	10	74	.69	103	.01	9	.82	.05	.21	1
66448	1	56	10	117	.1	71	33	1115	7.63	2	5	ND	4	416	1.5	2	2	182	5.61	.258	36	121	3.31	221	.43	2	3.69	.28	.08	1
66449	1	30	16	90	.1	12	18	940	4.86	41	5	ND	1	91	.3	2	2	117	2.51	.148	11	35	1.29	87	.08	5	1.40	.08	.18	1
66450	1	10	9	9	.1	2	1	854	.32	4	5	ND	1	272	.3	2	2	5	37.47	.022	2	3	.14	69	.01	3	.17	.01	.03	1
66451	1	36	9	11	.2	3	3	1017	.26	9	5	ND	1	356	.2	2	2	7	37.25	.023	2	11	.15	108	.01	3	.13	.01	.03	1
66452	1	11	11	10	.2	2	1	901	.31	7	5	ND	1	207	.7	2	2	12	39.43	.013	2	4	.16	14	.01	3	.11	.01	.02	1
66453	1	24	8	74	.2	6	4	1456	1.50	12	5	ND	1	380	.9	2	2	42	28.05	.045	6	8	.36	62	.01	5	.65	.01	.10	1
66454	1	50	7	105	.2	25	23	960	6.34	29	5	ND	6	277	.3	2	2	163	5.26	.286	45	37	2.46	91	.03	3	2.98	.14	.08	1
66455	1	18	14	11	.2	2	2	831	.62	8	5	ND	1	211	.8	2	2	18	36.53	.023	2	4	.17	94	.01	2	.16	.01	.05	1
66456	1	11	12	76	.1	7	8	815	4.18	4	5	ND	4	128	.2	2	2	61	3.45	.089	21	33	1.03	109	.01	3	1.89	.07	.10	1
RE 66453	1	23	10	72	.1	6	4	1449	1.52	10	5	ND	1	385	.7	2	2	41	27.63	.044	5	10	.36	63	.01	5	.68	.01	.10	1
66457	1	9	6	87	.1	5	9	659	3.63	2	5	ND	4	61	.2	2	2	66	.94	.087	23	33	1.23	254	.03	4	1.81	.10	.11	1
66458	1	26	19	39	.1	4	9	748	2.43	2	5	ND	9	351	.2	2	2	31	3.62	.077	24	24	.63	580	.01	11	.89	.04	.25	1
STANDARD C	20	62	44	131	7.3	68	32	1035	3.93	43	21	8	40	50	18.1	16	17	61	.49	.095	40	58	.85	176	.09	31	1.90	.06	.14	11

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP Samples beginning 'RE' are duplicate samples.

APPENDIX 3

PROPERTY, GEOLOGY and SAMPLE LOCATIONS

THORN 1
(4672)

THORN 2
(4673)

THORN 3
(4674)

THORN 4
(4675)

THORN 5
(4676)

T-91-1
T-91-2
T-91-3,4
T-91-5
T-91-6
T-91-7
T-91-8,9
T-91-10
T-91-14
T-91-15
T-91-16
T-91-17
T-91-18
T-91-19
T-91-20,21

py 2%
py 3%
tr. ga, sp
red dyke

730 ppb Au
326 ppb Au

LCP

GI

LEGEND

- Geological contact
- ● T-91-3 Rock sample
- ▲ RGS stream sediment sample
- LCP Legal corner post
- Gossan
- GI Glacier covered
- Outcrop
- Traverse
- (H) Helicopter landing site

LATE CRETACEOUS

4 Sloko Group volcanics (a) dacite (b) rhyolite (c) trachyte flows (d) assorted pyroclastics

3 Biotite-hornblend quartz monzonite

JURASSIC

2 Takwahoni Formation (a) granite boulder conglomerate (b) chert pebble conglomerate (c) greywacke (d) quartzose sandstone/tuff (e) siltstone/tuff (f) shale

LATE TRIASSIC

1 Stuhini Group volcanics (a) andesite (b) basaltic flows

py pyrite
ga galena
sp sphalerite

AR 21968

GOLDEN RULE RESOURCES LTD.

THORN PROPERTY
BRITISH COLUMBIA

PROPERTY GEOLOGY AND SAMPLE LOCATIONS

Date: NOVEMBER 1991	N.T.S.: 104K/7,10
Revised: JULY 1992	FIGURE: 4
Scale: 1:10,000 0 500 1000 m	