1987 GEOLOGICAL AND GEOCHEMICAL REPORT on the ISKUT RIVER PROJECT

N.T.S. 104-B/11
Latitude 56°40' North
Longitude 131°18' West

FOR

ROCKY MOUNTAIN ENERGY CORP.
Denver, Colorado

October 31, 1987

by: M.J. Burson, B.Sc., F.G.A.C.
Taiga Consultants Ltd.
800 - 900 West Hastings St.
Vancouver, B.C. V6C 1E5

SUMMARY

During 1987 a Taiga Consultants Ltd. field crew, under contract to Rocky Mountain Energy Corp., completed an exploration program designed to evaluate the gold and other mineral potential of the ZIP 5-8 claims, located in the Iskut River area of British Columbia.

The property is underlain by carbonates of indeterminate age and intrusive rocks of the Coast Plutonic Complex comprising mainly syenite with subordinate diorite. Minor skarn has developed at the western contact between the two.

A total of 319 soil, silt, rock and heavy mineral samples were analyzed for gold and silver. The results, for the most part, were very low and no particular area was delineated for more detailed work.

TABLE OF CONTENTS

LIST OF FIGURES

M A P S

INTRODUCTION

Rocky Mountain Energy Corp. has acquired four mineral claims (72 units) in the Iskut River area, 60 kilometers west of Bob Quinn Lake on the Stewart-Cassiar highway (see Figure 1).

This report summarizes the results of a prospecting/geochemical field program during July and August, 1987. The main objective of this work was to delineate areas of high geochemical background which might lead to discoveries of mineralization similar to those found within the Skyline Exploration and Delaware/Cominco properties, 15 kilometers to the southeast.

LOCATION AND ACCESS

The ZIP claims are located south of the Iskut River at 56°40' north latitude and 131°18' west longitude. Access is by fixed-wing aircraft from Terrace or Smithers, 160 kilometers to the southeast, to the Snippaker Creek airstrip, 30 kilometers east of the claims and thence by helicopter to the property. More proximal airstrips exist on the Skyline property and on the Delaware property, but they are private facilities requiring permission for use by outsiders.

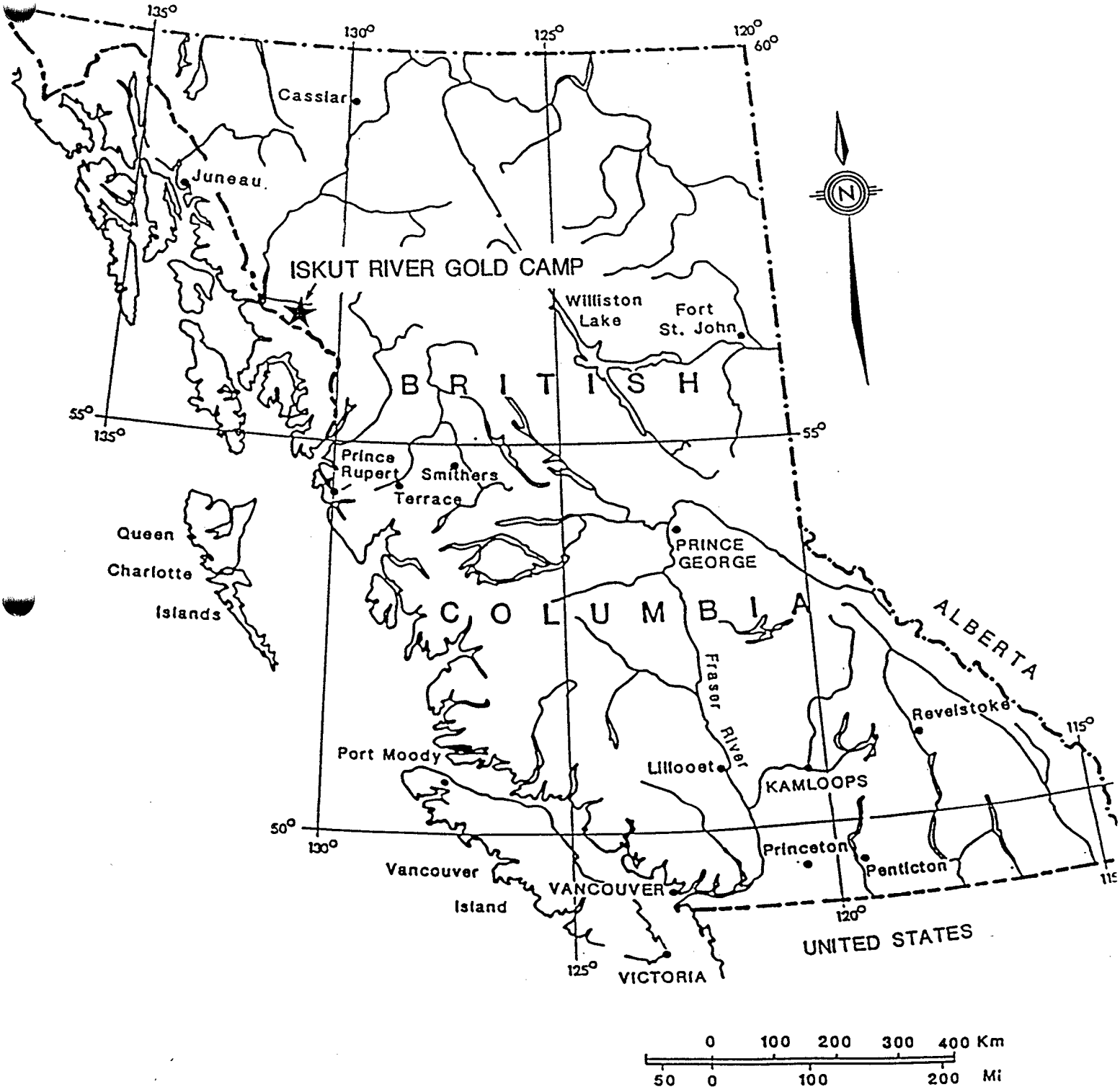
Future road access to the area will likely follow the Iskut River Valley from Bob Quinn Lake. The site of B.C. Hydro's planned development of a hydroelectric generating facility on the Iskut River is about 20 kilometers upstream from the property.

TOPOGRAPHY AND CLIMATE

The property covers the very rugged north-facing slopes of Zippa Mountain. Elevations range from 300 feet to 5700 feet, with permanent ice fields being common at the higher elevations.

Climate in the area typically consists of cold snowy winters and warm, wet summers. Snow at higher elevations would normally exceed 15 feet, whilst 3-5 feet would accumulate near the Iskut River.

Vegetation ranges from mature conifer forest at the lower elevations to alpine meadow above tree-line. Much of the property is covered by slide alder and devils club.



PROPERTY LOCATION – LIARD, M.D.

FIGURE 1

TAIGA CONSULTANTS LTD.

CLAIM STATUS

The property consists of four modified grid claims (see Figure 2), comprising 72 units, staked within the Liard Mining Division. These include:

Claim	No. of Units	Record No.	Expiry Date
ZIP 5	16	3802	December 22, 1987
ZIP 6	20	3803	December 22, 1987
ZIP 7	16	3804	December 22, 1987
ZIP 8	20	3805	December 22, 1987

REGIONAL GEOLOGY

The regional geological setting consists of several sedimentary and volcanic series that are intruded by younger granitic rocks and, in places, are overlain by recent volcanic flows.

These occur within the Stewart Complex (Grove, 1986), an area of diverse rock types and complicated structure which is bounded on the west by the intrusive margin of the Coast Plutonic Complex, on the east by the Bowser Basin, the north by the Iskut River, and on the south by Alice Arm.

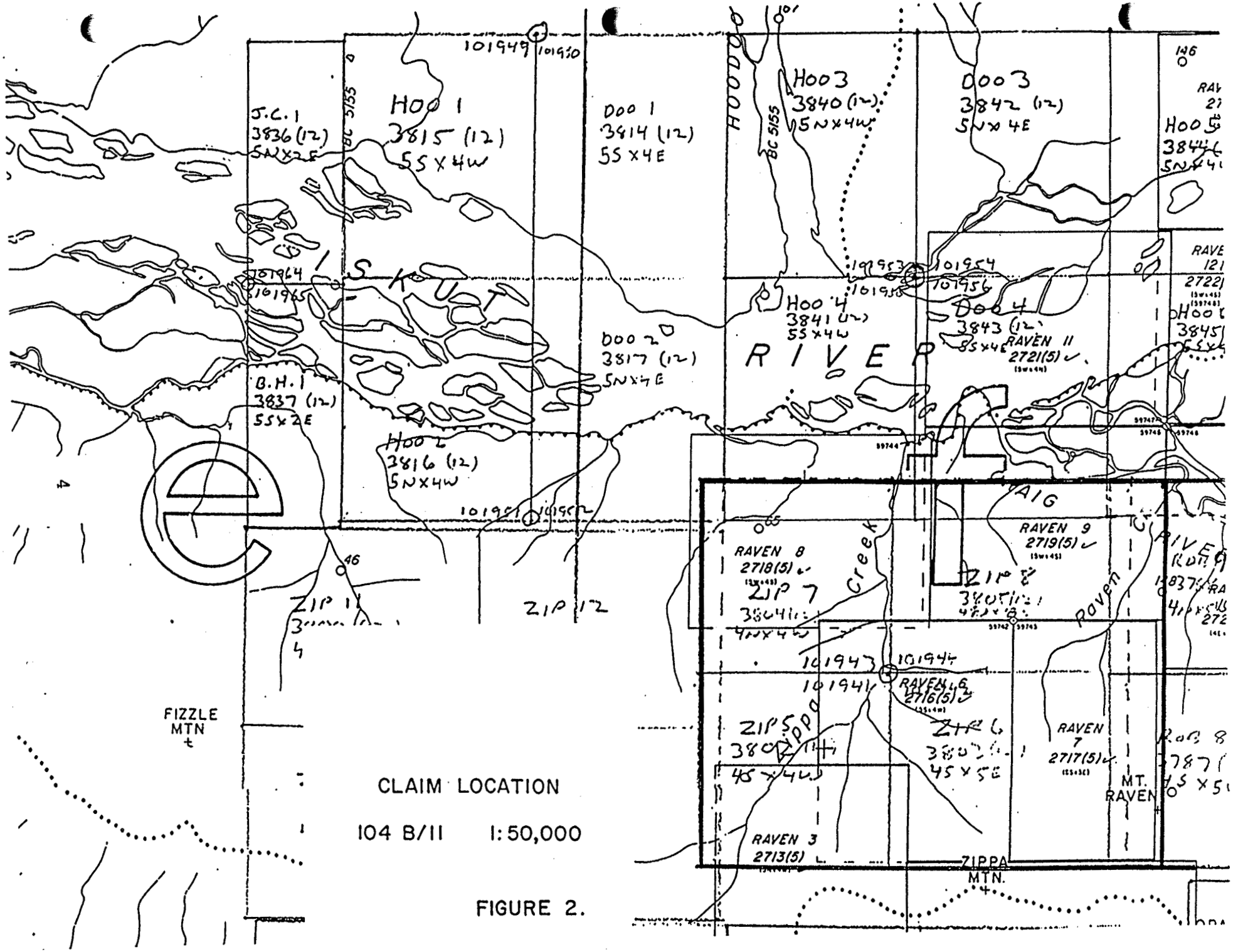
The oldest sequence comprises Permian to Lower Triassic limestones, siltstones, shales and conglomerates that overlie metamorphosed sedimentary and volcanic rocks.

In the Iskut Valley region, these rocks are extensively deformed and are thought to have been emplaced by thrust faulting which pushed up and over to the south across Middle Jurassic and older units.

The Upper Triassic to Lower Jurassic section is comprised of miogeosynclinal volcanics and sediments which have been correlated with the Unuk River Formation of the Hazelton Group. Locally referred to as the "Snippaker Volcanics" (see Figure 3), these range compositionally from andesite to dacite and rhyolite. Breccias and tuff breccias are common and siliceous pyroclastic rocks are locally abundant.

The Middle Jurassic Betty Creek Formation comprises rhyolite breccia, volcaniclastics, conglomerate, carbonate chert, and volcanics which unconformably overlie the Unuk River Formation.

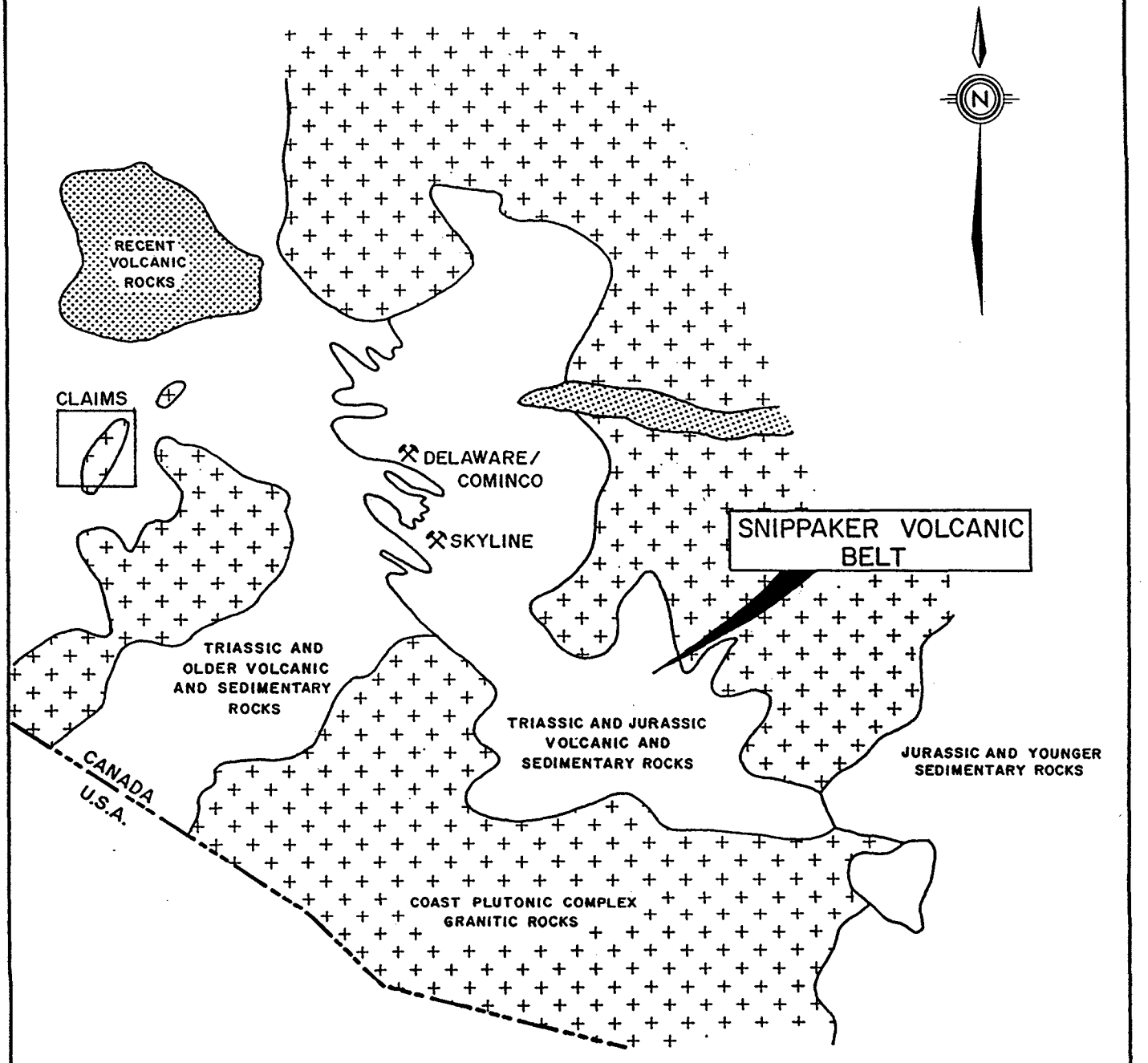
The Stewart Complex has been invaded by granitic rocks of the



CLAIM LOCATION

104 B/11 1:50,000

FIGURE 2.



SNIPPAKER VOLCANIC BELT

FIGURE 3.

Coast Plutonic Complex. Granodiorite is the predominant rock type of the major intrusions, although a large variety of rock types occur as smaller satellite diapiric stocks as well as dykes and sills.

Small Quaternary volcanic piles and flows are scattered throughout the Stewart Complex, the most prominent in the area being Hoodoo Mountain, a volcanic cone which has been built up over a period of time which continued nearly to the present.

LOCAL GEOLOGY

The claims are entirely underlain by carbonate and intrusive rocks.

The carbonates are predominant in the northern half of the property and comprise thin-bedded to massive limestones, often with interbeds of argillaceous limestone. Minor lenses of calcareous mudstone and fine-grained mafic tuff have been noted. The units have a general northeast trend and usually dip moderately to the southeast.

The southern half of the property is predominantly intrusive rocks, mainly of syenitic composition, but also containing small plugs of diorite. Often the syenite has been enriched with respect to nepheline, indicating an undersaturation of silica within these areas. There is some evidence that the diorites are older than the syenites at least in the southeast corner of the property, as there are many instances where small dykes of syenite cut the diorite. This diorite also contains up to 10% pyrite which forms a prominent gossan on the flanks of Mt. Raven. Biotite and actinolite-rich skarns have formed along the western contact between the syenites and the limestones. These usually contain quartz, calcite, vesuvianite and spinel, but no base metal minerals were observed.

GEOCHEMISTRY

A total of 217 soil samples, 48 silt samples, 45 rock samples, and 9 heavy mineral samples were collected and analyzed for Au and Ag.

The sampling technique involved filling a 4"x6" kraft bag with B-horizon soils or fine silt from the active portion of the stream. Heavy mineral samples were obtained by screening the silt to a -10 mesh fraction (2mm x down) and panning this fraction in the field to obtain a concentrate of heavy minerals. Representative samples of all lithologies, as well as any vein material,

alteration products and/or sulphide mineralization were routinely sent for analysis to Bondar-Clegg and Company Ltd., North Vancouver, B.C., or to Terramin Research Labs, Calgary, Alberta. Soil and silt samples were screened to obtain the -80 mesh fraction, while heavy mineral and rock samples were crushed to -150 mesh. The elements Cu, Pb, Zn and Ag were analyzed using atomic absorption methods after a HNO_3 - HCl hot extraction, while Au was analyzed by conventional fire assay AA.

Very few of the 319 analytical results can be classed as anomalous, and even these must be considered low-order. Two heavy mineral concentrates and one silt sample from along Zippa Creek, northwest of Zippa Mountain, returned values of 176, 172 and 144 parts per billion gold. These samples are from creeks draining biotite-rich contact metamorphic rocks and potassium-rich syenite and probably indicate slightly elevated gold values along the margins of the intrusive.

Several silt samples from the lower reaches of Raven Creek have gold values between 40 and 90 parts per billion. Both these areas are in the vicinity of syenite contacts and again may be reflecting slightly higher gold values proximal to the intrusive margins.

A persistent gossan, up to 1000 metres long, on the west-flank of Mt. Raven, is caused by 1-10% pyrite proximal to the contact between a diorite plug or dyke and argillaceous to non-argillaceous carbonates. The majority of the geochemical results indicate only background values of gold, with several of the samples being slightly elevated.

Of particular interest is the fact that the syenites are enriched in nepheline, indicating the intrusives are undersaturated with respect to silica and thus incapable of forming a stockwork of flooding of quartz. The mineral occurrence noted in the B.C. Mineral Inventory Files is one of nepheline syenite.

CONCLUSIONS AND RECOMMENDATIONS

Initial reconnaissance has not indicated any obvious areas of economic potential. Regional mapping has shown that these are not the rock types which host the deposits in the Skyline Camp, 15 kilometers to the southeast. Indeed, they may be the younger sediments which were thrust over from the north. As well, the intrusive rocks are not of the type found in the Skyline area, i.e. small, high-level acidic plugs.

The notable lack of any economic mineral occurrences and the generally dismal geochemical results suggest that the potential for this area is very low and no further work is recommended.

BIBLIOGRAPHY

Cathro, R.J. (1983), Summary Report on Mineral Occurrences and Geology of the Iskut Property, Apex Energy Corp. (private company report).

Geological Survey of Canada (1956), Map No. 9-1957: Operation Stikine.

Grove, E.W. (1986), Geology and Mineral Deposits of the Unuk River - Salmon River - Anyox Area.

Kerr, F.A. (1929), Map 311-A, Stikine River Area, Cassiar District.

Taylor, D.P. (1987), Geological Report on the Zip 5-8 Claims (72 units), Iskut River Area, Liard Mining Division, British Columbia.

STATEMENT OF EXPENDITURES

1. PREFIELD EXPENSES			
(Crew assembly, prepare maps, program planning, order maps, equipment) - share:			
Project Supervisor	0.8 days @ $375	$ 187.50	
Project Geologist	1.5 " @ $325	487.50	
Supplies, Courier, etc.		23.51	$ 811.01
2. TRANSPORTATION			
Mobilization-Demobilization (airfare, hotel & misc. expenses)		1,470.47	
Northern Mountain Helicopters, 3.85 hrs @ $580.56		2,235.16	
Central Mountain Air		589.63	
Share of Airstrip Construction		5,000.00	9,295.26
3. SALARIES AND CAMP SUPPORT			
Project Supervisor	1.50 days @ $375	562.50	
Project Geologist	3.50 " @ 325	1,137.50	
Prospectors	10.56 " @ 250	2,640.00	
Samplers	13.33 " @ 175	2,332.75	
Camp Support	28.70 " @ 85	2,439.50	9,112.25
4. ASSAYS & ANALYSES			
Bondar Clegg		98.37	
Terramin Research Labs.		2,798.47	2,896.84
5. MISCELLANEOUS			
(Disposable supplies, xerox, expediting, radio rental, courier, freight, etc.)			1,512.29
6. POST-FIELD EXPENDITURES			
Project Geologist	6.10 days @ $325	1,982.50	
Drafting	16.5 hrs @ $24.20/hr	399.30	
Printing Maps		98.83	
Copying & Binding Reports		105.00	
Computer/Secretarial	3.5 hrs @ $20	70.00	2,655.63
		T O T A L	$ 26,283.28

STATEMENT OF QUALIFICATIONS

I, Michael J. BURSON, of 7357 Celista Drive, Vancouver, British Columbia, do hereby certify that:

1. I am a Consulting Geologist with the firm of Taiga Consultants Ltd., with offices at #800 - 900 West Hastings Street, Vancouver, B.C. V6C 1E5.

2. I have attained a B.Sc. (Hons.) from the Faculty of Earth Sciences, University of Waterloo, in 1975.

3. I have practiced my profession continuously since graduation.

4. I am a Fellow of the Geological Association of Canada (F-5220).

5. I have done, or caused to be done, the work described within this report.

6. I have not received nor do I expect to receive any interest in the property described herein, nor in the securities of Rocky Mountain Energy Corp. in respect of services rendered.

Dated at Vancouver, British Columbia, this 31st day of October, 1987.

M. J. Burson, B.Sc., F.G.A.C.

CERTIFICATE

I, Lawrence John Nagy, of 3020 Abbott St., in the City of Kelowna in the Province of British Columbia, do hereby certify that:

1. I am a Consulting Geologist with the firm of L.J. Nagy and Associates Inc., with offices at 201 - 1433 St.Paul Street, Kelowna, British Columbia.

2. I am a graduate of the Faculty of Arts and Science, University of Saskatchewan, B.A. Geol.Sci. (1969).

3. I have practiced my profession worldwide, continuously since graduation, including 14 years as a Senior Project Geologist with Cominco Ltd.

4. I am a Fellow in good standing in the Geological Association of Canada.

5. I have done, or caused to be done, the work described within this report.

6. Other sources of information supplied in this report include data from published material, including assessment files, and from my own experience gained from involvement in several major exploration programs conducted in the Iskut - Stikine River areas, beginning in 1965-66.

7. I have not received, nor do I expect to receive, any interest (direct, indirect, or contingent) in the properties described herein, nor in the securities of Rocky Mountain Energy Corp. in respect of services rendered in the preparation of this report.

DATED at Vancouver, British Columbia, this 31st day of October, A.D. 1986.

L.J. Nagy, B.A.Geol.Sci., F.G.A.C.

PERMIT TO PRACTICE
TAIGA CONSULTANTS LTD.
Signature
Date NOV. 13 1987
PERMIT NUMBER: P 2399
The Association of Professional Engineers, Geologists and Geophysicists of Alberta

APPENDIX I

G E O C H E M I C A L R E S U L T S

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4232 | PROJECT: KBC-7 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
S1 RME-0008-HM		147	45	60	1.3	180
S1 RME-0009-HM		91	16	34	0.1	<5
T1 RME-0008-S		174	28	92	0.8	30
T1 RME-0009-S		71	12	52	0.1	<5

Job#: 87-286-A

Sample Number	Au ppb	Ag ppm
RM		
217	4	0.06
218	2	[illegible]
219	2	[illegible]
220	4	0.08
221	2	0.08
222	< 2	0.08
223	< 2	0.07
224	6	0.26
225	4	0.20

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Job#: 87-268-A

Sample Number	Au ppb	Ag ppm	
RM 226	2	0.21	
227	6	0.19	
228	< 2	0.02	
229	2	0.13	
230	2	0.15	
231	4	0.16	
232	4	0.15	
233	4	0.16	
234	2	0.16	
236	2	0.14	
241	2	0.04	
243	< 2	0.10	
244	2	0.15	
254	90	1.34	(silt)
3352	2	0.14	
3353	2	0.11	
3354	2	0.35	
3355	2	0.24	
3356	4	0.16	
3357	2	0.33	
3358	6	0.30	
3359	4	0.20	
3360	4	0.10	
3361	2	0.12	
3362	4	0.08	
3363	< 2	0.09	
3364	6	0.39	
3365	6	0.20	
3366	4	0.56	
3367	4	0.19	
3368	8	0.20	
3369	4	0.19	
3370	2	0.12	
3371	2	0.21	
3372	< 2	0.09	
3373	< 2	0.05	
3374	2	0.11	
3375	< 2	0.05	
3376	4	0.04	
3377	2	0.02	

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Job#: 87-288-A

Sample Number	Au ppb	Ag ppm
RM 3378	< 2	0.05
3379	16	0.08
3380	2	0.12
3381	2	0.01
3382	2	0.17
3383	< 2	0.18
3384	< 2	0.04
3385	2	0.10
3386	4	0.12
3387	< 2	0.03
3388	12	0.16
3390	6	0.17
3391	2	0.19
3392	4	0.28
3393	4	0.27
3394	2	0.14
3396	4	0.13
3397	6	0.22
3398	2	0.12
3399	6	0.11
3401	2	0.12
3402	2	0.23
3404	2	0.13
3405	4	0.17
3408	2	0.10
3409	4	0.23
3410	4	0.17
3411	26	0.56
3412	28	0.27
3413	34	0.29
3414	22	0.21
3415	26	0.21
3416	22	0.22
3417	42	0.48
3418	56	0.11
3419	30	0.05
3420	2	0.07
3421	4	0.15
3422	68	0.07
3423	< 2	0.05

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Job#: 87-288-A	Sample Number	Au ppb	Ag ppm
	RM 3424	< 2	0.14
	3425	8	0.12
	3426	< 2	0.16
	3427	< 2	0.19
	3428	2	0.14
	3429	6	0.20
	3430	< 2	0.13
	3431	< 2	0.15
	3432	10	0.13
	3433	< 2	0.16
	3434	2	0.14
	3436	4	0.17
	3437	2	0.16
	3438	< 2	0.12
	3439	< 2	0.14
	3440	< 2	0.15

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Job#: 87-288-B

Sample Number	Au ppb	Ag ppm
Rock		
RM-4090	6	0.07
4091	4	0.06
4092	2	0.04
4093	2	0.02
4094	2	0.01
4095	6	0.04
4096	4	0.02

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TERRAMIN RESEARCH LABS LTD.

Job#: 87-288-B	Sample Number	Au ppb	Ag ppm
Rock	RM-4097	4	0.02
	4098	6	0.04
	4099	4	0.04
	4100	4	0.10
	4101	2	0.08
	4102	4	0.06
	4103	10	0.05
	4104	6	0.10
	4105	6	0.09
	4106	6	0.08
	4107	6	0.10
	4108	8	0.22
	4109	6	0.03
	4110	6	0.05
	4111	6	0.05
	4112	8	0.07
	4113	4	0.10
	4114	8	0.05

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b#: 87-288-C

	Sample Number	Au ppb	Ag ppm
AN	238	< 2	0.04
	239	2	0.05
	240	6	0.08
	242	4	0.06
	246	12	0.64
	247	22	0.64
	248	56	0.59
	249	38	0.55
	250	48	0.57
	251	86	0.64
	252	12	0.25
	255	54	0.89
	255	2	0.22
	256	26	0.33
	257	14	0.55
	258	28	1.08
	3334	144	0.17

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288-C

Sample Number	Au ppb	Ag ppm
RM 3336	18	0.31
3337	2	0.19
3339	8	0.12
3341	4	0.14
3342	6	0.16
3343	2	0.16
3345	6	0.38
3346	4	0.16
3347	2	0.17
3348	4	0.21
3349	16	0.21
3350	2	0.28
3351	2	0.22
3395	2	0.19
3400	2	0.22
3403	4	0.22
3406	12	0.18
3407	16	0.19
3435	42	0.17

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Job#: 87-288-C

Sample Number	Au ppb	Ag ppm
HM −80 m		
RM 237	4	0.17
245	172	0.13
3335	176	0.40
3338	8	0.07
3340	14	0.07
3344	2	0.18
3389	32	0.12
HM −10+80 m		
RM 237	2	0.10
245	2	0.08
3335	4	0.19
3338	8	0.10
3340	4	0.05
3344	4	0.12
3389	2	0.09

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Job #: 87-304

Rock

	Sample Number	Au ppb	Ag ppm
RM	4115	6	0.25
	4116	14	0.25
	4117	24	0.64
	4118	22	0.15
	4119	8	0.12
	4120	48	0.46
	4121	26	0.15
	4122	18	0.24
	4123	10	0.09
	4124	8	0.04
	4125	30	0.04
	4126	4	0.02
	4127	2	0.04
	4128	18	0.03
	4129	4	0.04
	4130	6	0.08
	4133	6	0.02
	4134	8	0.07
	4135	4	0.01
	4136	6	0.01
	4137	18	0.15

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87-305

Sample Number	Au ppb	Ag ppm
RM 2428	2	0.28
2429	2	0.09
2430	4	0.22
2431	2	0.30
2432	6	1.63
2433	4	0.17
2434	2	0.24
2435	2	0.18
2436	2	0.05
2437	2	0.12
2438	4	0.10
2439	4	0.07
2440	6	0.10
2441	6	0.19
2442	4	0.22
2443	8	0.24
2444	4	0.17
2445	2	0.05
2446	2	0.12
2447	4	0.09
2448	6	0.44
2449	4	0.09

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87-305

Sample Number	Au ppb	Ag ppm
RM 2450	2	0.05
3441	6	0.24
3442	6	0.17
3443	4	0.21
3444	16	0.16
3446	12	0.26
3447	4	0.12
3449	2	0.12
3450	2	0.10
3451	2	0.14
3452	4	0.30
3453	14	0.34
3454	8	1.20
3455	10	0.33
3456	8	0.21
3458	22	0.38
3459	8	0.26
3464	2	0.19
3465	2	0.15
3466	2	0.18
3468	4	0.12

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Job #: 87-371

Sample Number	Au ppb	Ag ppm
RM 2599	8	0.62
2600	2	0.26
2601	2	0.36
2602	4	0.16
2603	2	0.20
2604	2	0.20
2605	2	0.24
2606	2	0.20
2607	2	0.10
2608	2	0.26
2609	2	0.14
2610	2	0.12
2611	2	0.26
2612	4	0.34
2613	2	0.32
2614	2	0.04
2615	8	0.04
2616	8	0.04
2617	4	0.68
2618	2	0.20
2619	2	0.18

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Job 87-371

Sample Number	Au ppb	Ag ppm
RM 2620	2	0.22
2621	2	0.82
2622	2	0.18
2623	6	0.14
2624	4	0.06
2625	2	0.06
2626	2	0.08
2627	4	0.14
2628	2	0.24
2629	2	0.06
9008	4	0.12
9009	2	0.10
9010	4	0.10
9011	4	0.08
9012	2	0.10
9013	2	0.10
9014	2	0.10
9015	2	0.12
9016	4	0.10
9017	2	0.10
9018	12	0.12
9019	2	0.06
9020	6	0.08
9021	2	0.06
9022	2	0.12
9023	2	0.36
9024	2	0.12
9025	4	0.06
9026	6	0.06
9027	4	0.04
9028	2	0.04
9029	4	0.02
9030	2	0.04
9031	2	0.04
9032		0.06
9033	4	0.10
9034	4	0.30
9035	4	0.12
9036	2	0.22
9037	2	0.10

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(403) 250-9460

J[illegible]#: 87-317

Sample Number	Au ppb	Ag ppm
RM 9038	2	0.06
9039	6	0.22
9040	4	0.12
9041	4	0.18
9042	2	0.14
9043	2	0.10
9044	2	0.08
9045	2	0.14
9046	4	0.10
9047	4	0.18

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APPENDIX II

R O C K D E S C R I P T I O N S

ROCK SAMPLE DESCRIPTIONS: ROCKY MOUNTAIN ENERGY CORP.

SAMPLE #	NORTHING	EASTING	DESCRIPTION	COMMENTS
RM-4090-R	82.36	56.77	Skarn, medium-grained, contains 60% biotite quartz, poss. augite, idocrase; no visible sulphides	
RM-4091-R	82.61	56.90	Skarn, 80% fine-grained biotite, 5-10% idocrase (vesuvianite), bright green, prismatic, hard (approx. 7); some muscovite, very crumbly, no visible sulphides, although much pyrite in stream adjacent to outcrop.	
RM-4092-R	82.64	56.97	Syenite; 95% K-spar, light greenish grey, medium-grained, with some euhedral crystals, although not aligned; 5% dark, often euhedral augite; crystals up to 2 mm across; no visible sulphides.	
RM-4093-R	81.88	58.80	Skarn; fine to medium-grained biotite and chlorite-rich masses with some augite, crumbly soft; also light blue-grey syenites (medium-grained) as above (4092) - biotite-rich, often in small pods as well as in larger masses. K-spar-rich intrusive often in lenses or veins as well as large masses; no visible sulphides.	Euhedral spinel in calcite veins
RM-4094-R	82.03	58.82	Nepheline syenite, 95% K-spar in large (ave. 10 mm long) aligned tabular crystals. Light grey colour, approx. 5% augite (ave. 1 mm) alignment possibly due to crystal settling.	
RM-4095-R	82.07	58.58	Nepheline syenite; as 4092-adjacent to fine to medium-grained amphibole-chlorite-rich rock.	

ROCK SAMPLE DESCRIPTIONS: ROCKY MOUNTAIN ENERGY CORP.

SAMPLE #	NORTHING	EASTING	DESCRIPTION	COMMENTS
RM-4096-R	82.27	58.00	Nepheline syenite; greenish-grey, fine to medium-grained, turquoise-blue sheen on some weathered surfaces; contains mostly amphibole 20%, K-spar (approx. 60%), light green-yellowish, hard (6-7), prismatic to acicular nepheline; no visible sulphides.	
RM-4097-R	82.35	57.92	Syenite; (same as 4092); no visible sulphides.	
RM-4098-R	82.54	57.70	Quartz syenite; fine-grained, blue-grey, contains mainly K-spar, quartz, some amphibole; no visible sulphides.	
RM-4099-R	82.57	57.67	Epidote-rich granodiorite; light green-grey, medium-grained, contains quartz, K-spar, epidote, possibly amphibole, minor muscovite - found with medium-grained calcareous rock with small amphibole phenocrysts; no visible sulphides.	
RM-4100-R	84.83	51.75	Limestone, fine-grained, light blue-beige, massive (no bedding), homogeneous texture and composition, fairly well fractured throughout outcrop; no visible sulphides.	
RM-4101-R	84.69	57.69	Limestone, fine-grained, thick-massive bedded, light blue-beige, interbedded with dark blue-black argillaceous limestones which form talus slopes more often; no visible sulphides.	
RM-4102-R	84.65	57.65	Argillaceous limestone, fine-grained calcite stringsers and lenses, thick-bedded with bedding at 052°48S; no visible sulphides.	

ROCK SAMPLE DESCRIPTIONS: ROCKY MOUNTAIN ENERGY CORP.

SAMPLE #	NORTHING	EASTING	DESCRIPTION	COMMENTS
RM-4103-R	81.27	59.02	Quartz syenite, medium-grained, medium blue-grey colour on fresh surface, contains quartz, clay, K-spar, amphibole, biotite, very minor pyrite, non-magnetic.	
RM-4104-R	81.27	59.11	Quartz syenite, fine to medium grained, contains K-spar (approx. 40%), amphibole (dark green), quartz, minor biotite; no visible sulphides.	
RM-4105-R	81.34	59.55	Amphibole-rich intrusive contains approx. 70% fine to medium-grained hornblende (?), - dark green slightly tabular mineral, possible quartz, some magnetite (slightly magnetic); no visible sulphides.	In contact with dyke (RM-4107-R) - extends on either side of dyke for 10's of metres.
RM-4106-R	81.34	59.55	Syenite; approx. 70% medium grained K-spar, minor quartz + biotite, grey colour with lavender sheen in outcrop, few good tabular crystals of K-spar; no visible sulphides.	- As 4" veins intruding host rock (RM-4105-R).
RM-4107-R	81.34	59.55	Fine grained quartz syenite; bluish-grey, contains quartz, plag., amphibole or pyroxene (?); very minor pyrite.	- 6' wide dyke trending at 090°.
RM-4108-R	81.54	59.56	Diorite, medium-grained, large quartz crystals, heavily Fe-stained, contains approx. 55% disseminated pyrite.	Gossan
RM-4109-R	82.86	59.21	Thinly interbedded limestone and argillaceous limestone, light-green - whiteish on fresh surface, dark-green to black on weathered surface; differential weathering of argillaceous beds (limestone beds more prominent).	

ROCK SAMPLE DESCRIPTIONS: ROCKY MOUNTAIN ENERGY CORP.

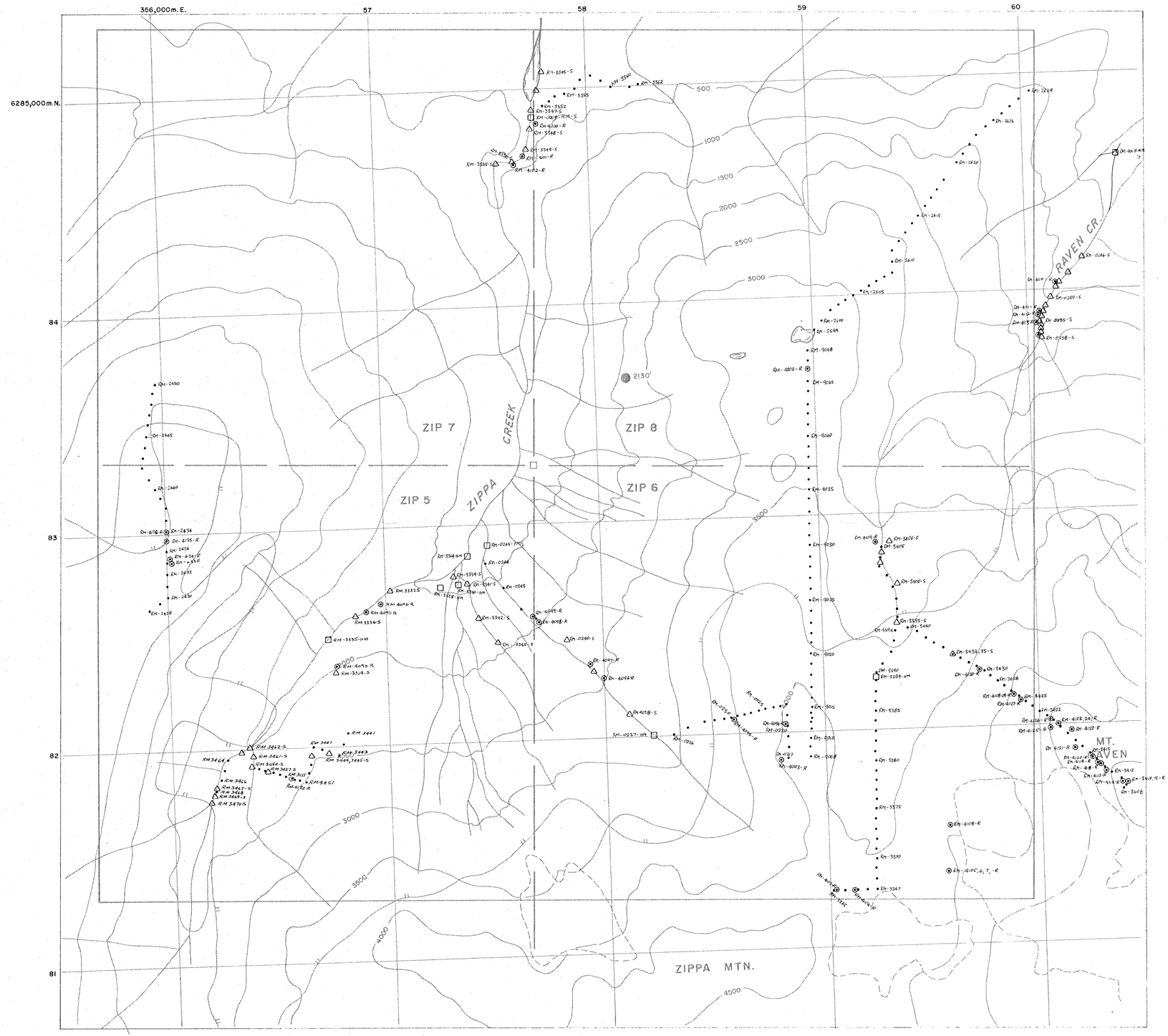
SAMPLE #	NORTHING	EASTING	DESCRIPTION	COMMENTS
RM-4110-R	84.04	60.13	Argillaceous limestone; fine grained, white to light greyish-blue, thick - massive bedded, very minor pyrite; bedding approx 024°26W.	
RM-4111-R	83.91	60.06	Argillaceous limestone as above (4110) - highly silicified, very hard, brittle, orange colour where not silicified, otherwise light bluish as adjacent limestone. Very minor pyrite.	
RM-4112-R	83.89	60.05	Limestone: fine-grained, slightly argillaceous, white to light green colour, unbedded, very minor pyrite.	
RM-4113-R	83.86	60.04	Quartz syenite, fine-grained, contains quartz, plagioclase, biotite, amphibole or pyroxene, minor pyrite in small masses (almost dentritic pattern).	
RM-4114-R	83.81	60.04	Quartz syenite, chill margin, fine to medium-grained, very dark greenish grey to black, slightly chloritized, some calcite incorporated (as it was intruding limestone). Contains mainly biotite, chlorite, amphibole, quartz, calcite, plagioclase; small quartz-filled vugs; no visible sulphides, magnetic.	Chill margin.
RM-4115-R	81.72	60.39	Diorite, medium grained, blue-grey, orangy Fe-stained weathering, leucocratic minerals also stained, slightly magnetic, approx. 5% pyrite.	
RM-4116-R	81.74	60.36	Diorite, as above, with yellow sulphur staining, as well as Fe-stain, 2-3% pyrite.	
RM-4117-R	81.78	60.29	Heavily gossan-stained + sulphur-stained diorite, contains approx. 5% pyrite - most weathered out.	

ROCK SAMPLE DESCRIPTIONS: ROCKY MOUNTAIN ENERGY CORP.

SAMPLE #	NORTHING	EASTING	DESCRIPTION	COMMENTS
RM-4118-R	81.81	60.67	Diorite; medium-grained, as 4115, but slightly more pyroxene + magnetite, very magnetic, Fe-stained, minor pyrite.	
RM-4119-R	81.82	60.25	Diorite, medium-grained, light blue-green, parallel aligned amphibole, large anhedral quartz crystals (ave.= 3 mm) Fe-stained, 4-5% pyrite.	
RM-4120-R	81.84	60.23	Heavily stained diorite, as 4117, approx. 5-10% pyrite.	
RM-4121-R	81.89	60.15	Diorite, fine to medium-grained, grey-blue, minor hematite, approx. 2-4% pyrite, slightly magnetic.	
RM-4122-R	81.97	60.14	Diorite (as 4121), approx. 8-10% pyrite.	
RM-4123-R	82.00	60.07	Diorite, as 4118, minor pyrite. In contact with 4124.	
RM-4124-R	82.00	60.07	Syenite. K-spar-rich, euhedral (tabular) crystals (ave. 8 mm long); light grey, no visible sulphides.	6'wide dyke (pod)
RM-4125-R	81.99	60.04	Diorite, as 4118; minor pyrite.	
RM-4126-R	82.03	60.04	Syenite, K-spar-rich, as 4124, with fewer large crystals; minor pyrite.	2"wide dyke
RM-4127-R	82.13	59.90	Diorite, fine to medium-grained, as 4118; minor pyrite.	
RM-4128-R	82.15	59.87	Interbedded limestone and argillaceous limestone, fine-grained; argillaceous limestone is beige - recessive weathering; limestone bluish - more resistant; no visible sulphides.	

ROCK SAMPLE DESCRIPTIONS: ROCKY MOUNTAIN ENERGY CORP.

SAMPLE #	NORTHING	EASTING	DESCRIPTION	COMMENTS
RM-4129-R	82.15	59.87	Argillaceous limestone, fine-grained, beige colour on weathered surface, bluish on fresh surface, very minor pyrite, possible minor arsenopyrite.	
RM-4130-R	82.27	59.71	Diorite, fine-grained, heavily gossan and sulphur stained, 8-10% pyrite.	
RM-4133-R	82.87	56.02	K-spar-rich syenite, as 4124, no visible sulphides, slightly silicified in part.	
RM-4134-R	82.89	56.01	Quartz from 3' wide vein, coarse grained, Fe-stained, seems in contact with same rock type as 4133; no visible sulphides.	
RM-4135-R	82.97	56.00	Volcanic tuff; very fine-grained, green colour, Fe-stained, weathered out pyrite leaving approx. 5% small vugs; no visible sulphides other than 5% pyrite vugs.	
RM-4136-R	83.02	56.00	Calcareous mudstone, dark blue colour, some calcite blebs, interbedded with some argillaceous limestone; no visible sulphides.	
RM-4137-R	81.86	56.54	Diorite, medium-grained, slightly biotite-rich, non-magnetic; no visible sulphides.	
RM-4202-R	83.66	58.97	Volcanic tuff, blue-green, very gossan-stained, contains 2% disseminated pyrite.	Very small exposure.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

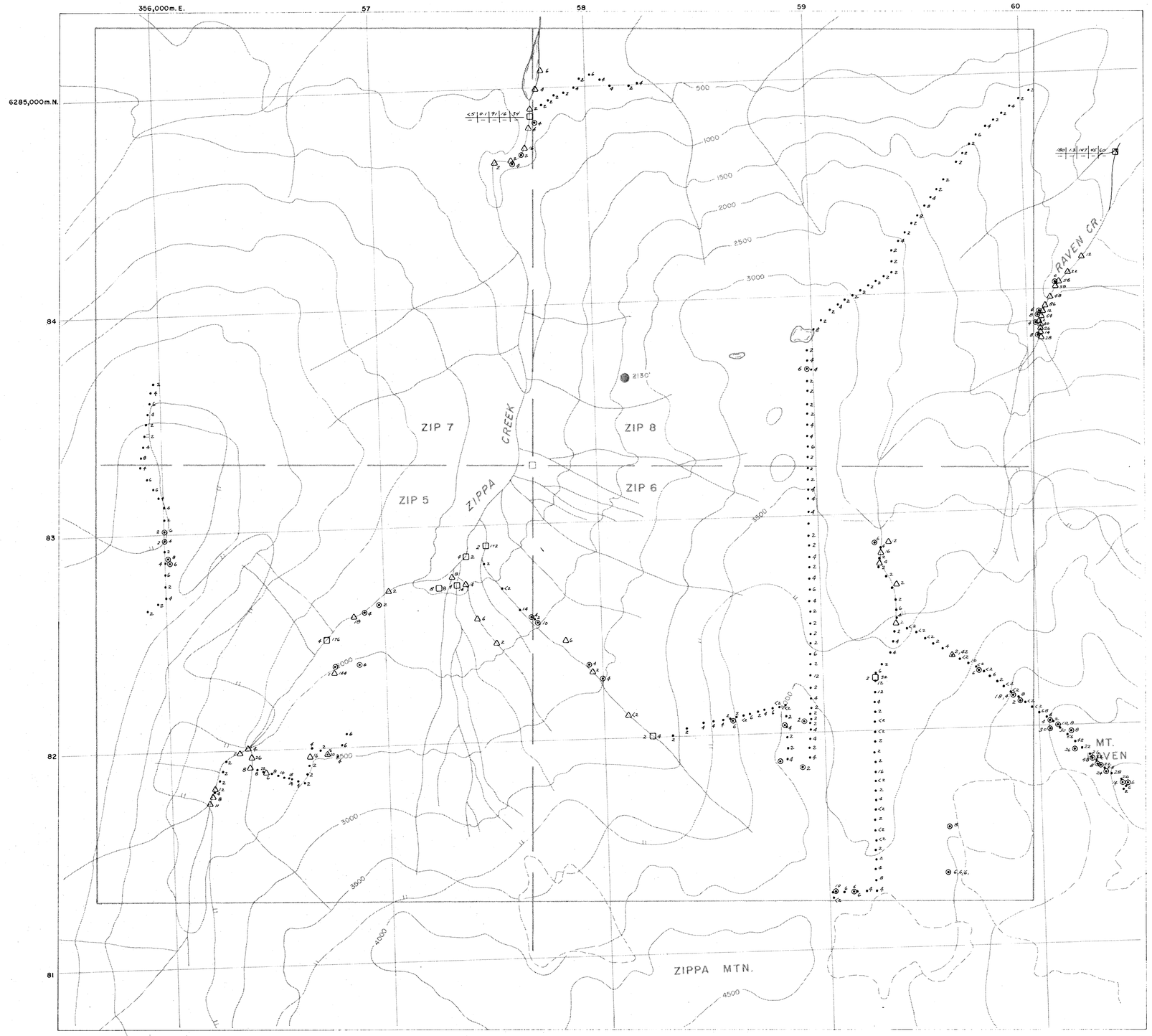
16,954

- Soil Sample
- Silt Sample
- Rock Sample
- Heavy Mineral Sample
- Claim Boundary
- 1500 Contours - Elevations in Feet (Interval 500')
- Extent of Glaciers
- Tree-Line

ROCKY MOUNTAIN ENERGY CORP.

SOIL, SILT, ROCK, HEAVY MINERAL
GEOCHEMISTRY
SAMPLE LOCATIONS

DATE: NOVEMBER, 1987	NTS: LIARD M.D. 104 B/11
PROJECT: KBC-8	DRAWN BY: M.J.B.
SCALE: 1:10,000	0 250 500m
TAIGA CONSULTANTS LTD	MAP: 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

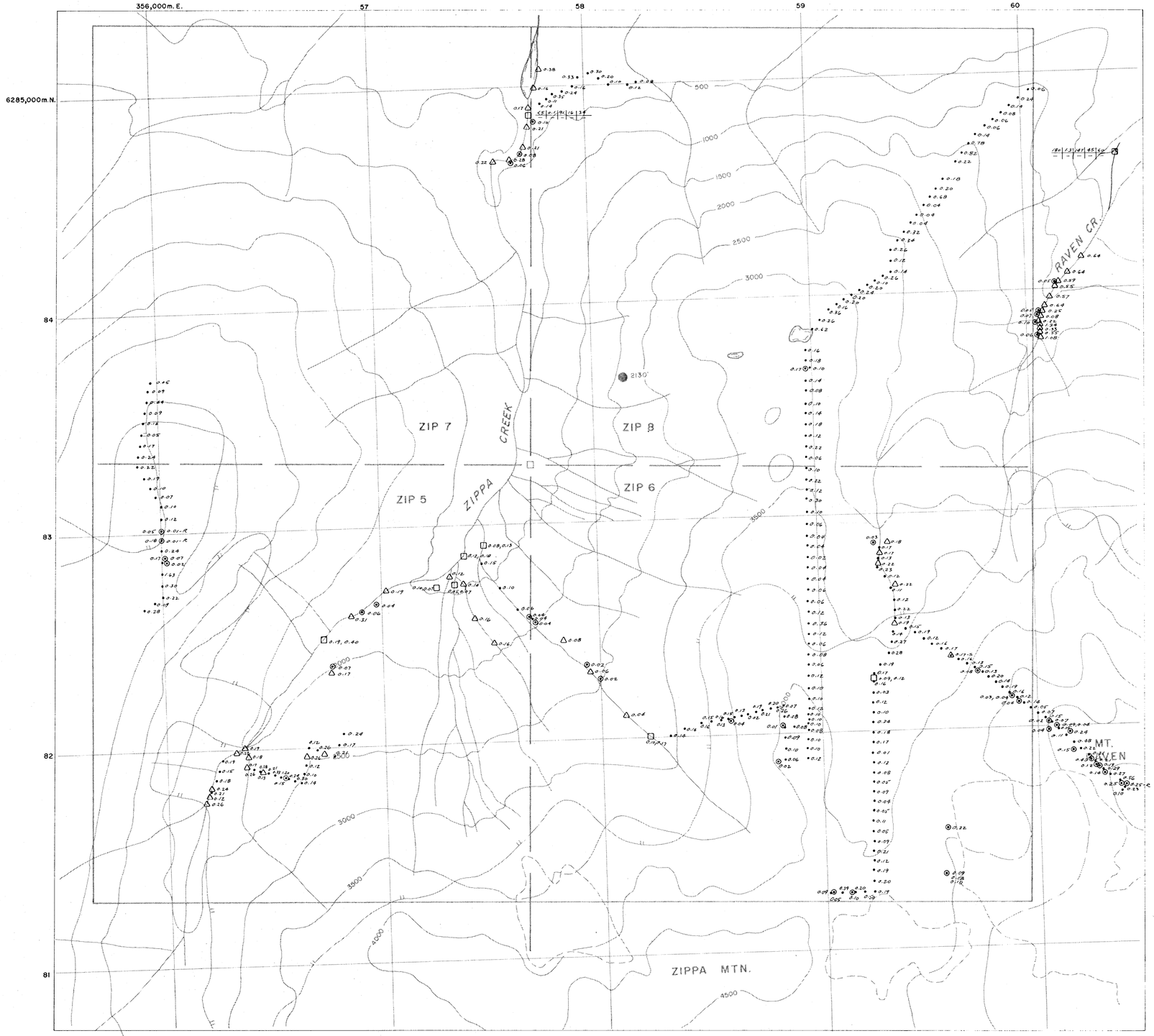
16,954

- Soil Sample
- Silt Sample
- Rock Sample
- Heavy Mineral Sample -10+80 mesh, -80 mesh; Au | Ag | Cu | Pb | Zn; -80 / +80-10
- Claim Boundary
- 1500 Contours - Elevations in Feet (interval 500')
- Extent of Glaciers
- Tree-Line

ROCKY MOUNTAIN ENERGY CORP.

SOIL, SILT, ROCK, HEAVY MINERAL
GEOCHEMISTRY
Au (ppb)

DATE: NOVEMBER, 1987	NTS: LIARD M.D. 104 B/11
PROJECT: KBC-8	DRAWN BY: M.J.B.
SCALE: 1:10,000	0 250 500m
TAIGA CONSULTANTS LTD	MAP: 2



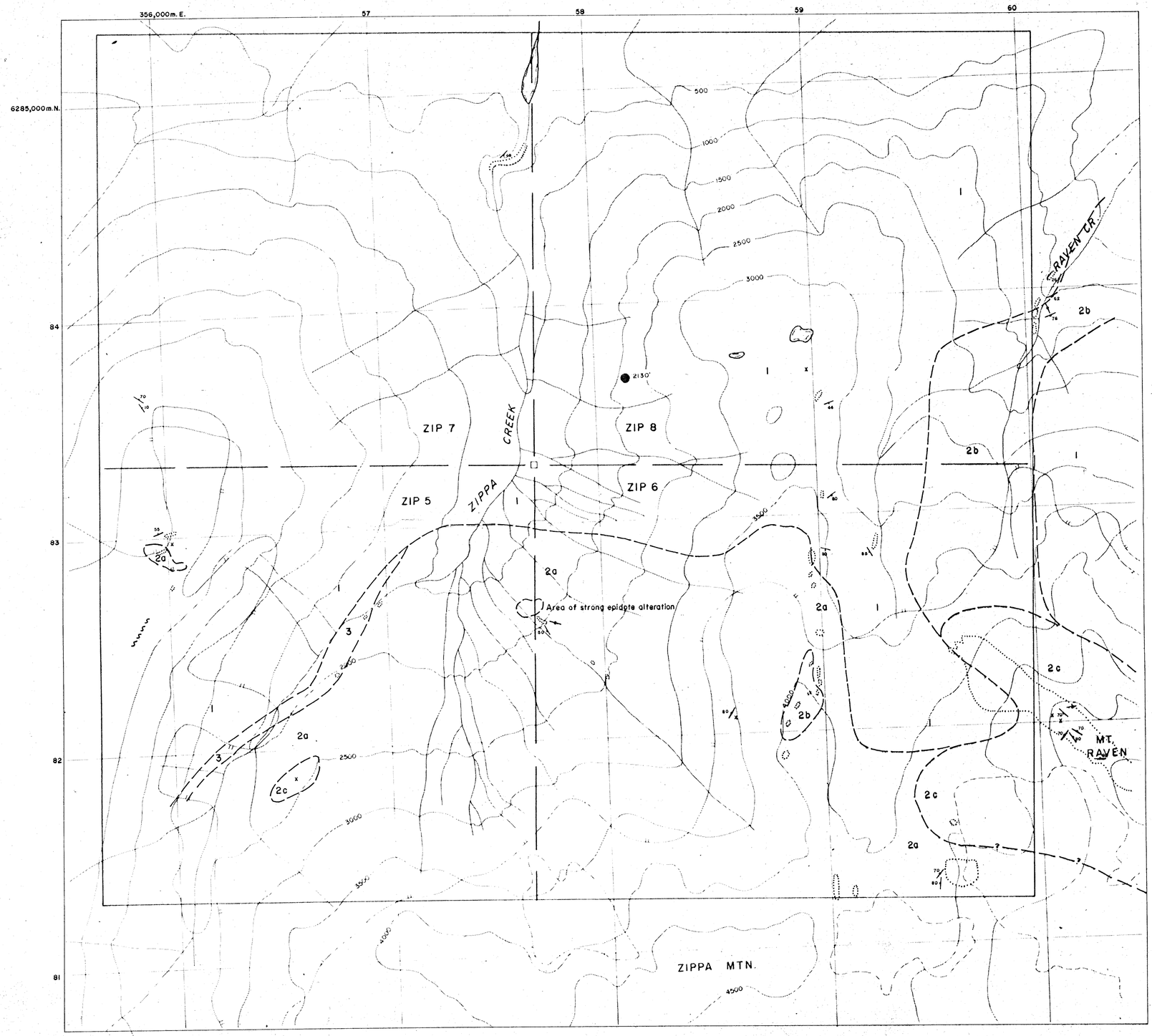
N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,954

- Soil Sample
- Silt Sample
- Rock Sample
- Heavy Mineral Sample -10+80mesh -80mesh Au | Ag | Cu | Pb | Zn | -80 +80-10
- Claim Boundary
- 1500 Contours - Elevations in Feet (Interval 500')
- Extent of Glaciers
- Tree-Line

ROCKY MOUNTAIN ENERGY CORP.	
SOIL, SILT, ROCK, HEAVY MINERAL GEOCHEMISTRY Ag (ppm)	
DATE: NOVEMBER, 1987	NTS: LIARD M.D. 104 B/11
PROJECT: KBC-8	DRAWN BY: M.J.B.
SCALE: 1:10,000	0 250 500m
TAIGA CONSULTANTS LTD	MAP: 3



N

LEGEND

- 1 — LIMESTONE: Thin-Bedded to Massive; Often Argillaceous; Occasional Interbeds of Calcareous Mudstone and Fine-Grained Mafic Tuff.
- 2a — SYENITE: Quartz Syenite – Fine to Coarse-Grained, Occasionally Amphibole-rich; Often up to 90% K-Spar.
- 2b — NEPHELINE SYENITE: As Above, but 5-10% Fine-Grained Nepheline in the Groundmass.
- 2c — DIORITE: Fine to Medium-Grained; Often Very Pyritic, Forming Extensive Zones of Gossan.
- 3 — SKARN: Usually Biotite-Rich and may Contain Quartz, Augite, Vesuvianite, Spinel and Calcite.

SYMBOLS

- Bedding Orientation.
- Foliation.
- Cleavage.
- Quartz Vein.
- Jointing.
- Claim Boundary
- Contours – Elevations in Feet
- Extent of Glaciers
- Tree-Line
- Shear Zone.
- Outcrop – Large, Small.
- Geological Contact.
- Gossan.

ROCKY MOUNTAIN ENERGY CORP.

GEOLOGY

DATE: NOVEMBER, 1987	NTS: LIARD M.D. 104 B/11
PROJECT: KBC-8	DRAWN BY: M.J.B.
SCALE: 1:10,000	0 250 500m
TAIGA CONSULTANTS LTD	MAP: 4