

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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**PROSPECTING
ASSESSMENT REPORT
ON THE
ROCK AND ROYAL CLAIMS
93L 7W**

OMINECA MINING DIVISION

54 22'N
126 53'W

**OWNED BY
DAVID McCURDY and HAROLD HENDRICKSON
c/- RR#1, SMITHERS, B.C., V0J 2N0**

Report prepared by
Colin Harivel
for Dave McCurdy and Harold Hendrickson

OCTOBER 15, 1995

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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24,103

TABLE OF CONTENTS

Location and Access	1
Claims and Ownership	1
Summary of Work	1
Regional Geology	1
Geology of the Claims Area	4
Conclusions	4
Statement of Costs	5
Statements of Qualifications	6

List of Figures

Figure 1, The General Location of the Claims	2
Figure 2, The Claim Map	3
Figure 3 The Detailed Sample Locations	8

List of Appendices

Appendix 1: Rock sample descriptions

THE ROYAL AND ROCK MINERAL CLAIMS, 93L 7W

Location and Access:

The Royal 1-4 and Rock 1-2 claims are located in the Emerson Creek area, west of Bulkley River, approximately 20 km by road northwest from the village of Houston in west-central British Columbia. The general location is shown on Figure 1 and the claims configuration are shown on Figure 2. The claims are centered at about 54 22'N and 126 53'W. on NTS map 93L 7W.

The area is accessible from the towns of Smithers and Houston by means of an unpaved road along the west side of the Bulkley River valley. Lesser roads lead directly into the claims area. The towns of Smithers and Houston both provide necessary services and Smithers has daily air-service to Vancouver.

Claims and Ownership:

The claims comprise the Royal 1-4 and Rock 1-2 two-post claims and are owned 100% by David McCurdy of RR #1, Smithers, B.C.

Table 1

CLAIM NAME	RECORD #	EXPIRATION	CLAIM NAME	RECORD #	EXPIRATION
ROYAL 1	330196	August 25, 95	ROCK 1		
ROYAL 2	330197	"	ROCK 2		
ROYAL 3	330198	"			
ROYAL 4	330199	"			

Summary of Work:

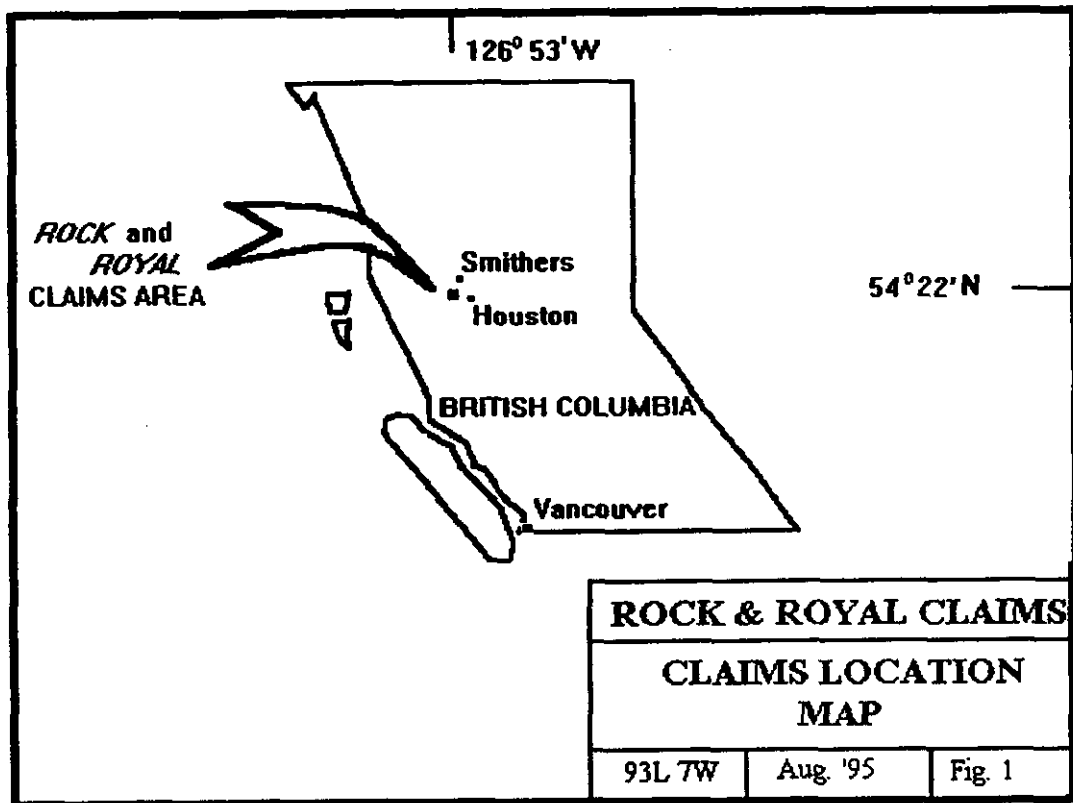
Work in the area was conducted between August 3, 1995 and August 23, 1995. Specifically, work was conducted by prospectors Dave McCurdy and Harold Hendickson and included: prospecting traverses, collection, examination and recording of observations of samples during traverses. For further details see *Statement of Costs*, p.7.

Prospecting traverses are shown on Figure 3, in pocket. Sample locations are also shown on this map.

Regional Geology:

The region is underlain mainly by volcanic and associated sedimentary rocks on the lower Jurassic Hazelton Group into which felsic rocks of the Bulkley and Babine have been intruded. These plutons, host porphyry copper style mineralization and in the case of the Babine Intrusions, host the now closed mined deposits at Granisle and Bell Copper. Other mineralization types associated with these intrusives include epithermal and higher temperature vein deposits.

Structurally the region is dominated by the products of brittle deformation, namely northwesterly-striking faults and fractures.



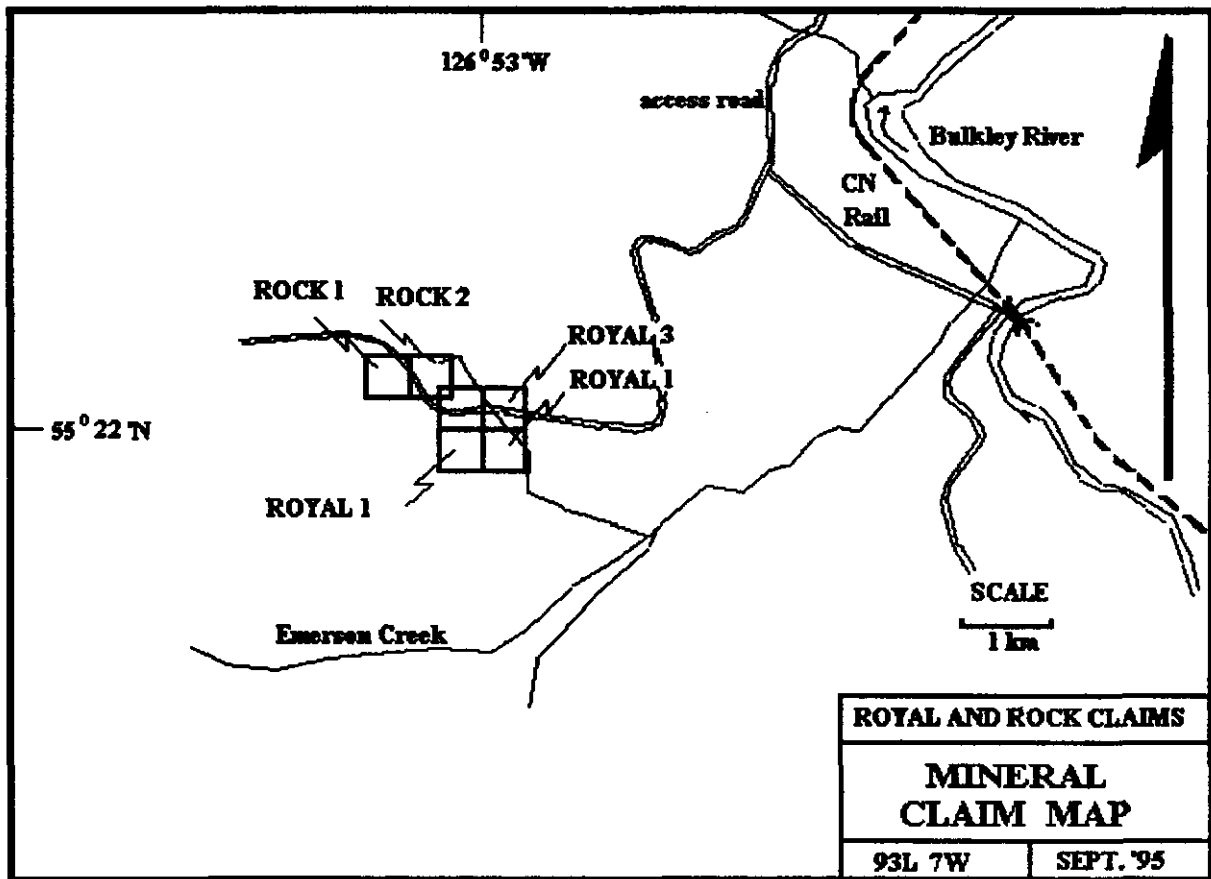


Figure 2 - The Claim Map

Geology of the Royal and Rock Claims area:

A geology capsule is included in the MINFILE report number 093L 032 and is reproduced here, as follows:

The claims are underlain by Lower Jurassic Hazelton Group volcanics of the Telkwa Formation comprised mainly of andesitic to dacitic pyroclastics, flows, breccia, and red to green tuffs and lapilli tuff. Minor interbedded greywacke, tuffaceous siltstone and shales strike north northwest and dip between 15 and 35 degrees east.

The volcanics are intruded by a late Cretaceous to Eocene plug which is intensely fractured and argillized. The intrusive plug is surrounded by Late Cretaceous to early tertiary Ootsa Lake volcanics comprised of flow banded rhyolite, rhyolitic crystal tuff and porphyritic quartz-eye rhyolites which are thought to be the extrusive equivalents of the porphyry stock. An advanced argillic alteration zone envelopes the intrusive and extrusive equivalents and is recognized by quartz and clay replacements of the feldspar.

Both the rhyolites and the quartz-feldspar porphyry are intensely fractured and invaded by several generations of quartz veins and veinlets which occur in parallel fractures or are multidirectional and cross-cutting. A rare set of drusy veinlets is accompanied by an abundance of pyritohedral pyrite crystals. Also, minor late stage vuggy chalcedonic quartz veining hosts grey silica encapsulated by sulphide patches....In 1986 trenching uncovered scattered silver-rich, galena-spahlerite-tetrahedrite veins and veinlets associated with the contact zone in the altered volcanic rocks.

A description of the rock samples collected, whose locations are shown on Figure 3, is included in an appendix.

Conclusions:

The samples collected are altered and mineralized and will be submitted to a suitable laboratory for trace element analysis. As resources permit, further work will be conducted on the claims.

STATEMENT OF COSTS

Wages:

Dave McCurdy, prospector; August 10, 11 1995 2 days @ \$200/day	\$400.00
Harold Hendrickson, prospector; August 10, 11 1995 2 days @ \$200/day	\$400.00

Expenses:

Food; 2 people for 2 days @ \$30/day/person	\$60.00
Travel; Access and Egress (Truck)	\$120.00
Camp Equipment; 4 days @ \$25/day/person	\$100.00

Report Preparation:

C. Harivel; 1/2 days @ \$400/day	\$200.00
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Total of costs	\$1280.00
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STATEMENTS OF QUALIFICATIONS

I, Colin Harivel, of mailing address P.O. Box 233, Smithers, B.C., do hereby state:

1. that I am a member in good standing of the British Columbia Association of Professional Engineers and Geoscientists,
2. that I graduated in geology (B.Sc.) in 1972 from the University of British Columbia, Vancouver, Canada,
3. that since 1972 I have practised the profession of mineral exploration geology in British Columbia and Yukon, Canada, in Alaska, Washington, Arizona, New Mexico and Nevada, U.S.A. and in Australia, and
4. that this report was compiled and prepared by me from information supplied by the prospectors, whose experience is outlined below, and who are known to me as *bona fide* prospectors working in the mineral industry in B.C.

Signed:



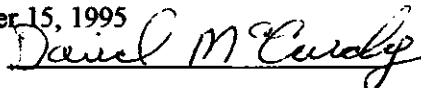
Colin Harivel, P. Geo., Dated: October 15, 1995

I, David McCurdy, do hereby state that:

1. I am a prospector, residing in the Smithers area of British Columbia, of mailing address RR #1, Smithers, B.C., V0J 2N0, and
2. that I worked on the subject mineral claims on the days indicated in the attached Statement of Costs, and
3. that I collected samples and conducted traverses on the claims based on my knowledge and experience after 10 years in the region, together with the benefits of prospector training courses conducted with the assistance of the BC Ministry of Energy, Mines and Petroleum Resources.

Signed:

David McCurdy, October 15, 1995



I, Harold Hendrickson, do hereby state that:

1. I am a prospector, residing in the Smithers area of British Columbia, of mailing address RR #1, Telkwa, B.C., V0J 2X0, and
2. that I worked on the subject mineral claims on the days indicated in the attached Statement of Costs, and
3. that I collected samples and conducted traverses on the claims based on my knowledge and experience after 5 years in the region, and in British Columbia generally over a longer period.

Signed:

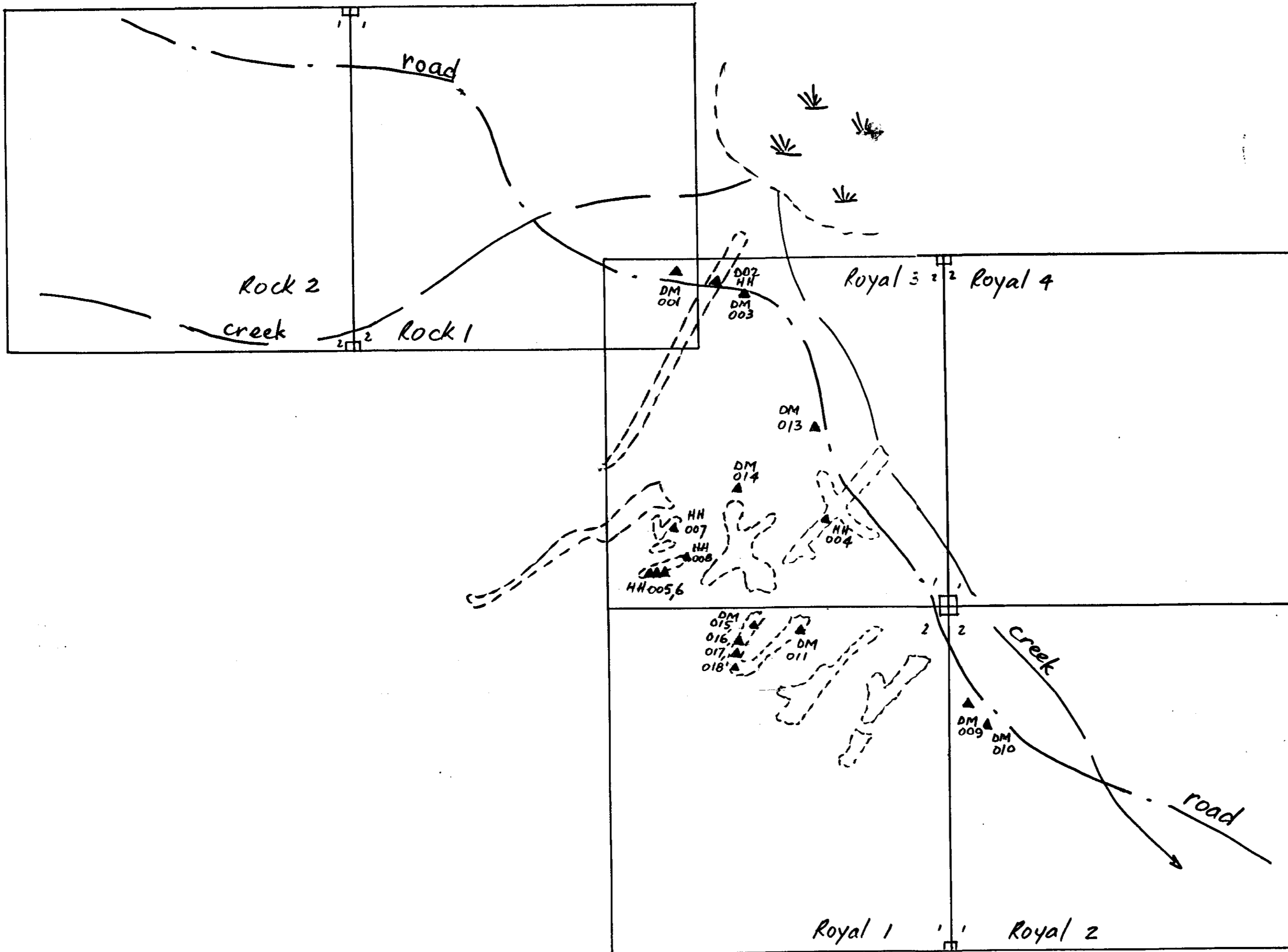
Harold Hendrickson, October 15, 1995



**APPENDIX 2
ROCK SAMPLE DESCRIPTIONS**

PROVIDED BY . D. McCURDY

ROCK #	DESCRIPTION (D.Mc.)
DM 001	Kaolinized feldspar porphyry breccia
HH 002	Feldspar porphyry w. disseminated pyrite and stringers
DM 003	Feldspar porphyry w. disseminated pyrite
HH 004	Feldspar porphyry; diss. cyrtalline pyrite
HH 005	Propylitic altered feldspar porphyry; diss. py, chy & Mos2?
HH 006	Feldspar porphyry w. carbonate stain (Cu); diss. py & clay?
HH 007	Porphyry w. diss. py; feldspar phenocrysts replaced by clay
HH008	Feldspar porphyry w. feldspar replaced by clay
DM 009	Feldspathic tuff?; propylitic alteration; finely diss. py
DM 010	Unaltered tuff with diss. py.
DM 011	Propylitic tuff w. py stringer
DM 012	Carbonate altered porphyry w. quartz stringers
DM 013	Atered feldspar porphyry
DM 014	Propylitic and clay altered? phenocrysts
DM 015	Siliceous feldspar porphyry; yellow staining, py
DM 016	Siliceous feldspar porphyry w. py stingers
DM 017	Siliceous feldspar porphyry w. diss. py
DM 018	Feldspar porphyry w. diss py.



Scale



1 km

KEY

▲ Sample location, number
DM 005

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ROCK & ROYAL CLAIMS		
SAMPLE LOCATION SKETCH		
93L/TW	October, '95	FIG. 3