

Indian River
834241

April 6, 1987
Dept. of Geological Sciences
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Tom Schroeter
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Ministry of Energy, Mines, and
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Dear Tom:

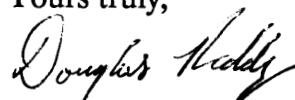
At my first thesis committee meeting it was pointed out that I had neglected to ask you if you would be a committee member. I apologize for not contacting you earlier and I would appreciate it if you consider being a committee member.

I have enclosed a summary sheet that I prepared for the meeting. Colin's notes summarize the additional decisions from the meeting. As you may note, the priority was placed on the extension towards Sky Pilot Mountain to establish as continuous a stratigraphic section as possible.

Drs. Godwin and Ross plan on coming up to the area for about a week in July or August. Depending on the snow fall I should have a field season of June to October. If you wish, I would be pleased to give you a tour of the area at sometime during this period.

If you have any questions about the project please contact me. The UBC number is 228-2449, my home number until the start of May is 222-2257.

Yours truly,



Doug Reddy.

Enclosure 1.

LOG NO:	04/08/87	VAN 4
ACTION:		
VGS		
FILE NO:	ABC 7777	
INDIAN RIVER (new)		

- Committee
- JVR
 - CIA
 - Harold Gibson
 - Tom Schroeter

- Courses
- Geol 504 (11) Sedimentology
 - 526 (3) Ore Deposits
 - 528 (14) Exopl. Geol.
 - 438 (14) Geol.
 - Next yr. 558 (3)

INDIAN RIVER PROJECT

Mapping will be extended to the Sky Pilot area (mapped by T. Heah) and towards the McVicar/Manson property and southeast down the Indian River Valley. Further structural data will establish the validity of the anticline parallel to the valley and what happens in the surrounding area. The combined Indian River and Sky Pilot exposures should yield a near complete stratigraphic section within the Gambier Group. Dating of certain samples will provide timing of the mineralization and intrusions.

SCHEDULE FOR 1987

- | | |
|-----------|---|
| APRIL | Map & field preparation, DDH logging, short trips |
| MAY | to other properties within the pendant as well as Indian River. |
| JUNE | Fieldwork, mapping, etc. -SKY PILOT |
| JULY | Work for CFC? -McVICAR/MANSON |
| AUGUST | -INDIAN RIVER |
| SEPTEMBER | Submit BCEMPR article. Continue fieldwork, |
| OCTOBER | analyses, etc. (Return to UBC for 558 Classes) |

OBJECTIVES FOR 1987

- MAPPING at 1:1000 and 1:2500
 - extend to Heah's map.
 - extend to McVicar/Manson.
 - extend down the Indian River Valley.
- STRUCTURE
 - back-up the anticline and extend interpretation.
- STRATIGRAPHIC SECTION
 - Indian River.
 - Stawamus/Sky Pilot.
- THIN SECTIONS, ASSAYS, POLISHED SECTIONS, WHOLE ROCK ANALYSES, etc.
- DDH CORE
 - Slumach zone, Portal One, show stratigraphy.
- HORNFELS -XRD ?? establish phases, P, T ??
- DATING OF EVENTS
 - Pb-Pb dating (also compare with others). (Geol 558 Proj.)
 - K-Ar (Porteau Cove).
 - Rb-Sr (compare to Sr-Sr of Sky Pilot).

- base maps at uniform scale 1:10,000
- Compilation to be done ASAP.
- Tom Schroeter to be contacted ASAP
- Some support from Pale Cu expected.
- Area S X A86 to be completed.

3/23/87
 Harold Gibson
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