



British Columbia Geological Survey

Geological Fieldwork 1984

BRITISH COLUMBIA REGIONAL GEOCHEMICAL SURVEY (RGS) DATA RELEASE

SUMMARY OF RESULTS

(93M, 93N)

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INTRODUCTION

Data from the joint Federal/Provincial reconnaissance Regional Geochemical Surveys conducted during the summer of 1983 were released simultaneously at 08:30 PDT on June 27, 1984 in Smithers, Fort St. James, Vancouver, and Victoria.

NTS Survey Area	Province of B.C. Open File	Geological Survey of Canada Open File
93M	BC-RGS-10-1983	1000
93N	BC-RGS-11-1983	1001

These surveys cover approximately 28 000 square kilometres at an average sample density of one sample per 13 square kilometres. Stream sediment samples were analysed for copper, lead, zinc, nickel, cobalt, silver, arsenic, antimony, molybdenum, iron, hydrogen, uranium, tungsten, and manganese. Stream waters were analysed for uranium, fluorine, and pH. Each Open File consists of 17 geochemical maps, sample location map, and text of field observations, analytical and statistical data. Cost is \$55.00 for each map sheet package; they are available from: Publications Distribution, 552 Michigan Street (basement), Victoria, British Columbia, V8V 1X4.

RESULTS

Number of map sheet packages sold:

	93M	93N	No. of Representatives
Smithers	22	14	20
Fort St. James*	1	24	10
Vancouver*	28	32	35
Victoria*	4	4	6
TOTAL	55	74	71

*Approximate

The weather during the day of the release was terrible - overcast and cold with rain and snow at higher elevations.

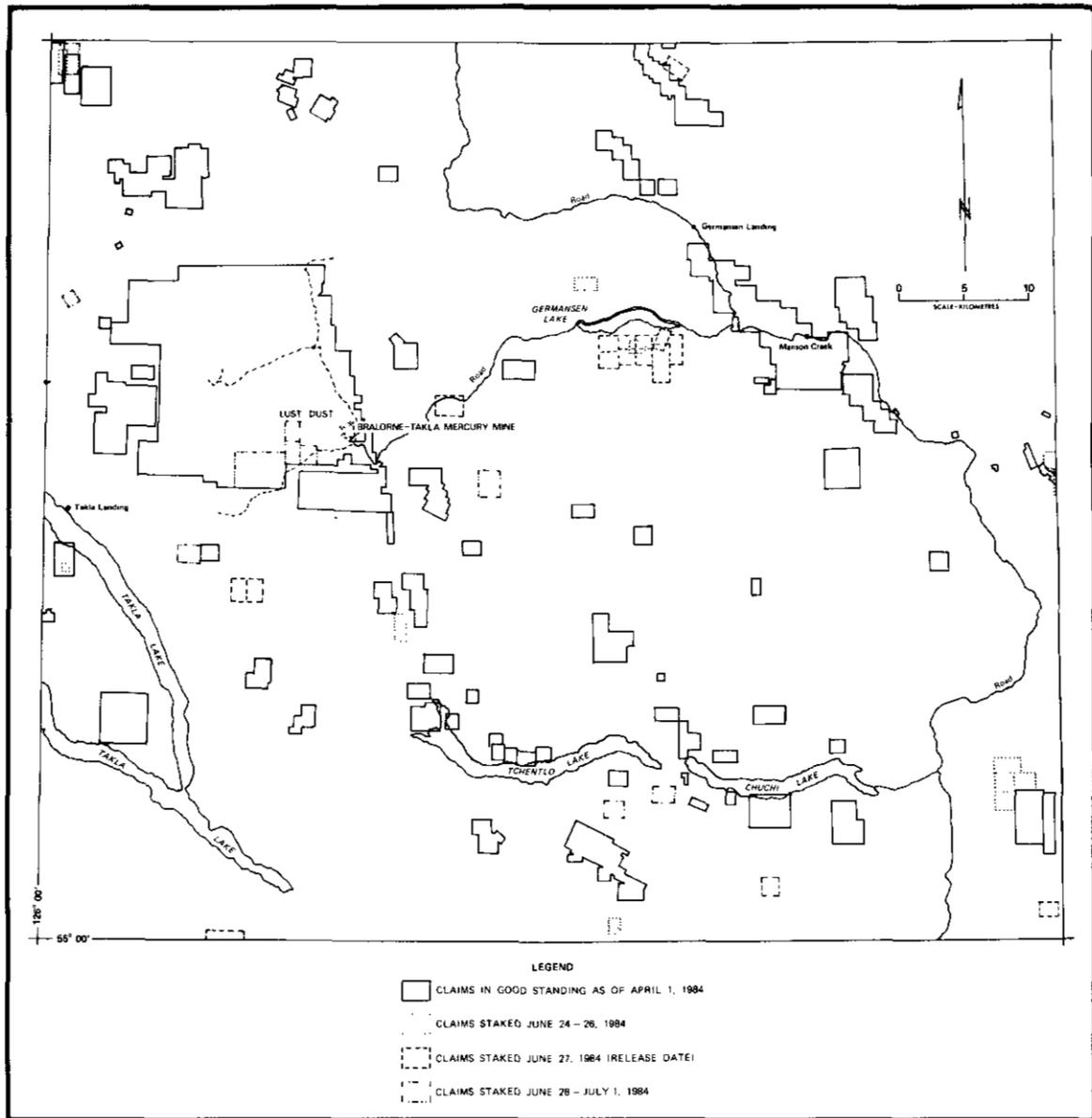


Figure 76. New staking (June 24 to July 1) and active claim status (April 1, 1984), Manson River area, 93N.

In anticipation of the RGS release scheduled for June 27, 1984, we listed and plotted all mineral claims in good standing as of April 1, 1984 within map sheets 93M (Hazelton) and 93N (Manson Creek) on British Columbia Government Mineral Maps and on topographic maps at a scale of 1:250 000 (Figs. 75 and 76).

MAP SHEET 93M (Hazelton)

- (1) Immediately prior to the RGS release between June 20 and 26, 1984, 368 units were staked.
- (2) On the actual day of the release, June 27, 1984, 402 units and 32 two-post claims were staked.
- (3) Immediately following the release between June 28 and July 1, 1984, 64 units and three two-post claims were staked.

Therefore a total of 834 units and 35 two-post claims were staked in map sheet 93M as a direct result of the June 27, 1984 RGS release.

MAP SHEET 93N (Manson Creek)

- (1) Immediately prior to the RGS release between June 20 and 26, 1984, 173 units and six two-post claims were staked.
- (2) On the actual day of the release, June 27, 1984, 266 units and 40 two-post claims were staked.
- (3) Immediately following the release between June 28 and July 1, 1984, 380 units and nine two-post claims were staked.

Therefore a total of 819 units and 55 two-post claims were staked in map sheet 93N as a direct result of the June 27, 1984 RGS release.

SUMMARY

- (1) A total of 1 653 units and 90 two-post claims were staked as a direct result of the RGS release held June 27, 1984 in map sheets 93M and 93N.
- (2) In map sheet 93M this increased by approximately 35 per cent the total number of active claims in the area.
- (3) In map sheet 93N there was an approximate increase of 16.3 per cent the total number of active claims in the area.

COMMENTS

- (1) The turnout on the day of the release was surprisingly low.
- (2) Few major companies participated directly, whereas several junior companies and prospectors were actively involved.

- (3) Anomalies of pathfinder elements for precious metals and massive sulphide deposits appear to have been the main targets.
- (4) Slightly more interest was shown in NTS 93M (Hazelton) than in 93N (Manson Creek).
- (5) Comparatively, the number of units and two-post claims staked as a direct result of this year's RGS release was surprisingly good, considering the low turnout at the release.
- (6) The weather on the day of the release was terrible and the very late snow pack also may have hampered work.
- (7) On-site investigations of new claims continued during the summer of 1984 on both map sheets. It is premature to assess the significance of any new discoveries.