MEMORANDUM

February 21, 1990

SEE AREAS OUTLINED
ON MAP @ 1:500,000

TO: A. F. Reeve

FROM: James M. Dawson

SUBJECT: Nechako Basin Work Plan 1990

The 1989 field work focused on several large outcrop areas of Eocene volcanics in the south and central parts of the Nechako Basin project area. It largely consisted of road traverses, in areas of known mineralization, favourable structure and/or anomalous gold geochemistry. This work demonstrated that the principal impediment to exploration in these areas is lack of bedrock exposures.

Heavy glacial till, younger volcanic cover and lack of major rock cuts in recent logging access roads hampers the evaluation of some of the structurally most-favourable areas. Nevertheless, outcrops do exist and the depth of till is surprisingly variable. Persistent follow-up of new logging areas, traversing between roads and most importantly, creek traverses will, I believe, result in the discovery of areas of alteration and mineralization.

The recognition of significant epithermal mineralization in Skeena Group sediments in the Nazko area adds a new dimension to the potential of the Basin.

The 1990 exploration should focus on those areas of most favourable geology, structure and alteration, but must be combined with traverses in areas which have the best possibilities for finding outcrop.

Areas recommended for further work are: 920 - (a) area east of Cooper Creek and south of Mons Creek, (b) Bear Creek and Scallon Creeks, Upper Big Creek, (c) West Nadila Creek and Groundhog Creek, (d) Minton Creek, Haynes Creek and Towydkin Lake areas, (e) Tete Angela Creek and Vic Creek (f) Taseko River and area north from Skum Lake (g) Elkin Creek, Taseko River, Cardiff Mountain Area, (h) Chilco River, Bidwell Creek area (i) Riske Creek, Bald Mountain, and Chilcotin River area.

93B - (a) Callinan Lake - The Dome area, (b) Stum Lake - Upper Twan Creek (c) Skeena outcrop areas near Redetone, (d) Deserter's Creek area (e) Puntataenkut Lake area (f) Skeena and Ootsa rocks in upper Nazko River area (g) Fishpot - Clisbako River - Baezaeko River area.

93C - (a) Upper Chilcotin River - Clusco River area (b) Tatla Lake - Chilanko River area (c) Lessard Lake - Dean River - Anaheim Peak area (d) Upper Blackwater River - Gatcho Lake area.

93G - (a) Upper Charleston Creek - Blackwater Mountain area (b) Areas underlain by Skeena and Ootsa rocks in the Blackwater River - Coglisteko River areas.

93F - (a) Euchineko - Jerry Boy Hills area (b) Blackwater River - Suscha Creek - Tatelkuz Lake area (c) Big Bend Creek - Chedakus Creek area (d) Johnny Lake - Entiako River - Majuba Lake area (e) Finger Lake - Finger Creek area.

In addition to these recommended areas, additional target areas will be developed from the Side-Looking Radar Survey. Ten day to two week programmes will also be required to finish mapping and geochemistry on the Mount Tom and Fishpot properties.

1990 BUDGET

Two field crews for three months (say 90 days)

1) Labour

a) Two Senior Geologists 90 days @ \$400/day	\$72,000 ✓	
b) Two Field Assistants 90 days @ \$150/day	27,000	
c) Casual consulting	<u>12,000</u> ✓	\$111,000

2) Support Costs

a) Two 4 X 4 Trucks 3 months ea @ 3,000/mo ea	18,000 ✓	
b) Truck Gas	3,000 ✓	
c) Food and Lodging (or trailer rent) 400 man days @ \$40/man day	16,000 ✓	
d) Assays and Analyses	25,000 ✓	
e) Helicopter Support 60 hrs @ \$700/hr	42,000 ✓	
f) ATV Rentals	6,000 ✓	
g) Miscellaneous Field Equipment and Rentals	3,000 ✓	
h) Telephone	1,000	
i) Freight	500 ✓	
j) Supervision and Travel	5,000 ✓	
k) Preprogramme Planning, Data Acquisition, etc.	4,000 ✓	
l) Final Report	<u>5,000</u> —	<u>128,500</u>
		239,500
Contingency		<u>10,500</u>
Total Estimated Cost		\$250,000 ----- -----

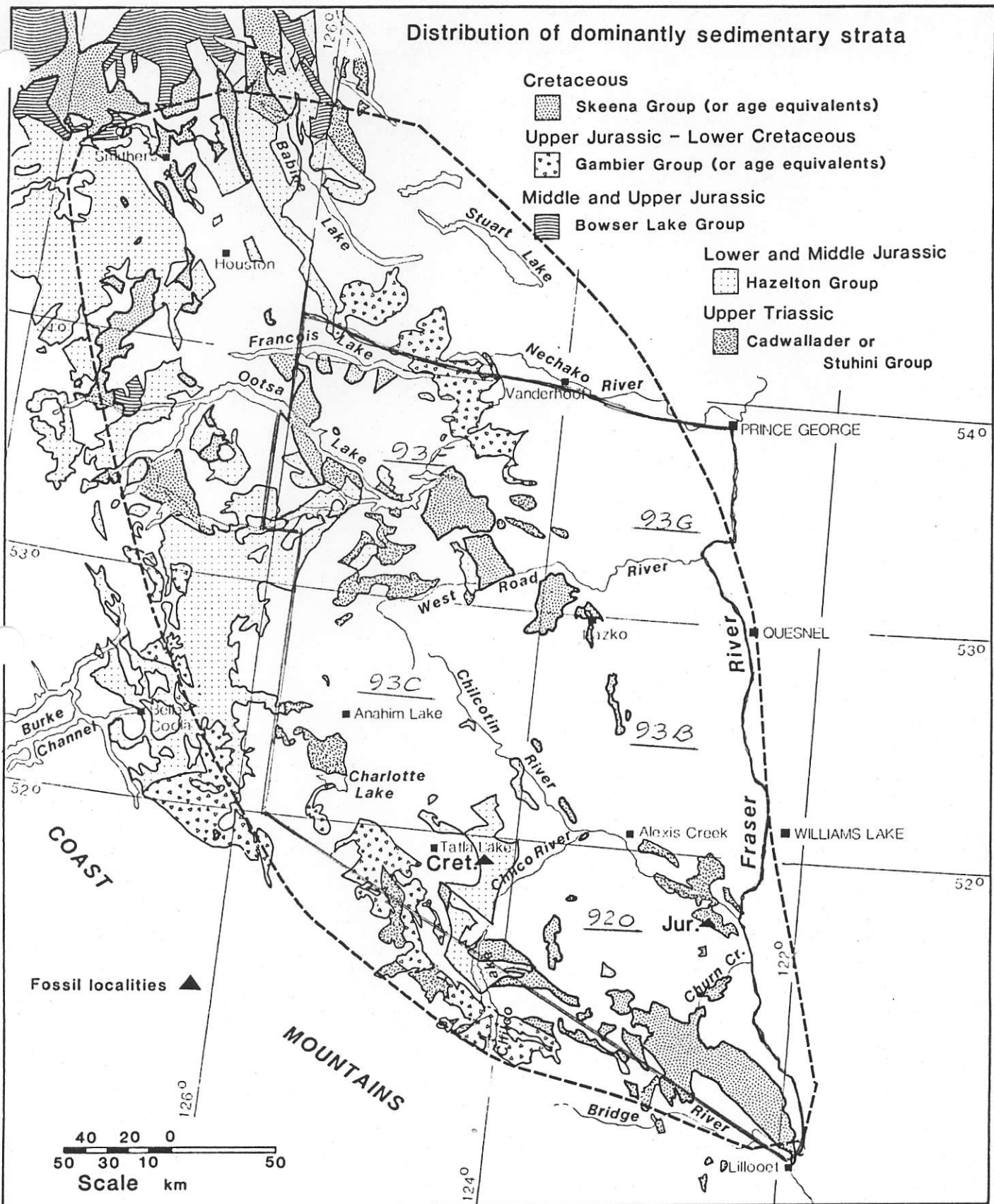


Figure 3. Distribution of predominantly sedimentary strata within the Chilcotin-Nechako region (modified from Wheeler and McFeely, 1987). Bowser Lake Group strata are part of the Nechako Basin and Skeena Group rocks part of the Nazko Basin.