BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1998/99
REPORT #:	PAP 98-10
NAME:	JAMES GUNN

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- **Refer to Program Requirements/Regulations 15 to 17, page 6.**
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name J. L. GUNN Reference Number _____

LOCATION/COMMODITIES

Project Area (as listed in Part A) CRESCENT SPUR MINFILE No. if applicable _____

Location of Project Area NTS 93H9E + W Lat 53: 44' Long 120: 24'

Description of Location and Access SEE ACCOMPANYING WRITTEN REPORT.

Main Commodities Searched For AU AND SEDEX DEPOSITS.

Known Mineral Occurrences in Project Area NIL

WORK PERFORMED

1. Conventional Prospecting (area) AS PER ACCOMPANYING MAPS
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) _____
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) GROUND SEARCH
6. Drilling (no. holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS

Commodities _____ Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies SEE ACCOMPANYING DOCUMENTS WITH MAPS

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act*.

CRESCENT SPUR PROJECT REF: 98/99-P13

This project was a basic reconnaissance of the Mcbride Map Sheets 93H10E & W and 93H9E & W, searching for sedex type deposits and Witwatersrand type gold deposits. The focus was on the Morkill River Valley and the Foregetmenot River Valley.

ACCESS

The area is accessed by Highway 16 (Yellowhead Hwy) from Prince George or Mcbride. Crescent spur is located at mile 36.5 on the CNR. Morkill Forest Service road runs from KM 0 at Crescent Spur to Km 47. Access to the Forgetmenot River valley is Km 0 (Km 30.1 Morkill Road) to Km 45.

SUMMARY

The program was carried out by J.L. Gunn assisted part-time by N. Harte from June 11. 1998 to Sept. 6 1998. 72 days were worked for a total of 107 prospecting days. 144 sites were investigated by ground search. The program ended when allotted funds were exhausted.

HIGHLIGHTS

The ground search revealed 16 locations to be investigated further for mineral potential. Location 131 on the accompanying map is a tufa which will be further explored in the 1999 field season. Other locations to be sampled are: (not in any particular order) location 26, 35, 45, 24, 59, 16, 19, 22, 70, 75, 88, 136, 48, 94 and 119.

MAPS

A green circle indicates the locations visited with the location number in the circle. The location numbers, with the rock types shown are enclosed.

CONCLUSION

The area has potential for mineral deposits of the type mentioned in the project description and the locations mentioned under "highlights" will be the subjects of a detailed sampling program in the 1999 field season, provided that the area is not turned into a park by the provincial government. The mineral potential in this area is greater than is revealed by the government maps and archives.

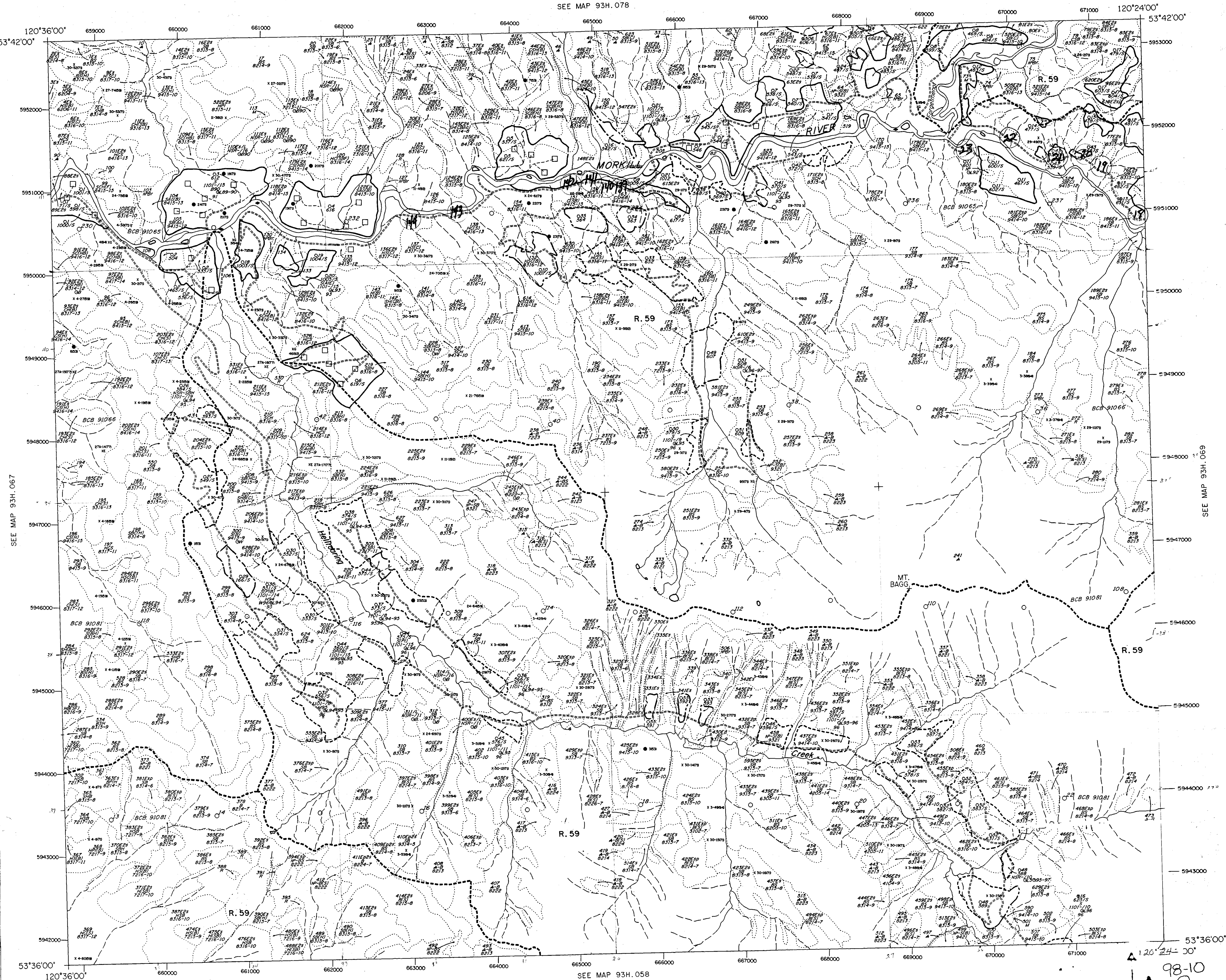
LOCATION	TYPES	
1	Sandstone	
2	Conglomerate	
3	Phyllite	
4	Grit & Quartz Pebble Conglomerate	
5	Sandstone & Quartz Pebble Conglomerate	
6	Grit & Quartz Pebble Conglomerate	
7	Quartz Pebble Conglomerate	
8	Quartz Pebble Conglomerate	
9	Quartz Pebble Conglomerate	
10	Slate & Grit	
11	Quartz Pebble Conglomerate	
12	Sandstone	
13	Siltstone	
14	Quartz Pebble Conglomerate & Phyllite	
15	Phyllite & Siltstone	
16	Schist & Sandstone	
17	Argillite	
18	Siltstone & Argillite	
19	Sericite-schist	
20	Sandstone	
21	Phyllite	
22	Quartz sericite-schist	
23	Phyllite	
24	Schist	
25	Slate	
26	Schist	
27	Phyllite	
28	Quartz Pebble Conglomerate Boulder	
29	Phyllite	
30	Grit	
31	Quartz Pebble Conglomerate	
32	Quartz Pebble Conglomerate	
33	Grit	
34	Phyllite	
35	Quartz Carbonate & Quartz Ankerite & Siltstone	
36	Phyllite & sandstone	
37	Phyllite	
38	Siltstone	
39	Siltstone	
40	Phyllite	
41	Quartz vein	
42	Phyllite	
43	Phyllite	
44	Quartz Pebble Conglomerate Boulders	
45	Quartz veins & Quartz Pebble Conglomerate	
46	Sandstone	
47	Quartz chlorite vein & philite	

48	Pyritized Quartz Pebble Conglomerate & grit	
49	Quartz Pebble Conglomerate, phyllite & quartz veins	
50	Quartz Pebble Conglomerate & phyllite	
51	Phyllite	
52	Grit	
53	Grit	
54	Phyllite	
55	Grit & quartz veins	
56	Phyllite	
57	Slate	
58	Phyllite	
59	Sericite - schist	
60	Grit & Quartz Pebble Conglomerate	
61	Siltstone	
62	Quartz vein, Grit, & knotty phyllite	
63	Pyritic siltstone	
64	Quartz vein	
65	Grit	
66	Pyritic phillite	
67	Phyllite	
68	Siltstone	
0	Initial Post	
0	Final Post	
69	Phyllite	
70	Schist	
71	Slate	
72	Phyllite	
73	Siltstone	
74	Quartz Pebble Conglomerate	
75	Schist	
76	Phyllite	
77	Grit	
78	Grit	
79	Grit	
80	Grit	
81	Conglomerate	
82	Phyllite	
83	Phyllite	
84	Phyllite	
85	Quartz Pebble Conglomerate	
86	Quartz Pebble Conglomerate	
87	Grit	
88	Quartz Pebble Conglomerate	
89	Quartz Pebble Conglomerate	
90	Grit	
91	Shale	
92	Shale	
93	Grit	

94	Schist	
95	Pyritic/phyllite & Sandstone	
96	Sandstone	
97	Sandstone	
98	Shale	
99	Quartz Pebble Conglomerate & Grit	
100	Grit	
101	Quartz Pebble Conglomerate	
102	Phyllite	
103	Sandstone	
104	Sandstone	
105	Shale	
106	Slate	
107	Phyllite	
108	Slate	
109	Phyllite	
109	Slate	
110	Phyllite	
111	Shale	
112	Sandstone	
113	Sandstone	
114	Sandstone	
115	Shale	
116	Slate	
117	Sandstone	
118	Slate	
119	Schist	
120	Sandstone	
121	Conglomerate	
122	Sandstone	
123	Quartz Pebble Conglomerate	
124	Grit	
125	Sandstone	
126	Phyllite	
127	Sandstone & conglomerate	
128	Sandstone & conglomerate	
129	Grit	
130	Conglomerate	
131	Tufa	
132	Grit	
133	Grit	
134	Phyllite	
135	Quartz vein	
136	Schist & Quartz Pebble Conglomerate	
137	Grit & conglomerate	
138	Sandstone	
139	Phyllite	
140	Conglomerate	

141	Phyllite	
142	Sandstone	
143	Phyllite	
144	Slate	

93H.068



THIS MAP HAS BEEN DIGITIZED BY INVENTORY BRANCH, MINISTRY OF FORESTS. NORTH AMERICAN DATUM 1983. DIGITAL BASE MAP FROM TERRAIN RESOURCE INFORMATION MANAGEMENT DIGITIZED BY SURVEYS AND RESOURCE MAPPING BRANCH, MINISTRY OF ENVIRONMENT, LANDS AND PARKS.	U.T.M. GRID ZONE 10 (1975) BASE : PHOTOGRAMMETRIC DIGITIZED BY: DDI DATE: JUNE 1995 REVISED BY: COONEY DATE: SEPT. 1997	TIMBER SUPPLY AREA - ROBSON VALLEY OWNERSHIP STATUS - NOV 1990 LABELS PROJECTED TO - 1997 LAND DISTRICT - CARIBOO F. C. DISTURBANCES UPDATED TO - NOV. 1994	FOREST COVER MAP SERIES 0 500 1000 1500 Metres SCALE 1:20 000 SERIAL : 093H068 1996-JAN-16 006	THE DATA PORTRAYED ON THIS MAP IS STORED IN DIGITAL FORM AND IS STRUCTURED TO SUPPORT THE ANALYTICAL FUNCTIONS OF THE FOREST RESOURCE INFORMATION SYSTEM.	PRODUCED BY **INVENTORY BRANCH** MINISTRY OF FORESTS PROVINCE OF BRITISH COLUMBIA	93H.068

93H.069

SEE MAP 93H.079

120°24'00" 672000 673000 674000 675000 676000 677000 678000 679000 680000 681000 682000 683000 684000 120°12'00"

53°42'00" 5953000 5952000 5951000 5950000 5949000 5948000 5947000 5946000 5945000 5944000 5943000 53°36'00"

SEE MAP 93H.068

SEE MAP 93H.070

SEE MAP 93H.059

R. 59

MORKILL RIVER

Quisling Creek

BCB 91065

BCB 91066

BCB 91081

Clay Bank

THIS MAP HAS BEEN DIGITIZED BY INVENTORY BRANCH, MINISTRY OF FORESTS. NORTH AMERICAN DATUM 1983. DIGITAL BASE MAP FROM TERRAIN RESOURCE INFORMATION MANAGEMENT DIGITIZED BY SURVEYS AND RESOURCE MAPPING BRANCH, MINISTRY OF ENVIRONMENT, LANDS AND PARKS.	U.T.M. GRID ZONE 10 (1975) BASE : PHOTOGRAMMETRIC DIGITIZED BY: 001 DATE: MAY 1995 REVISED BY: COONEY DATE: SEPT. 1997	TIMBER SUPPLY AREA - ROBSON VALLEY OWNERSHIP STATUS - NOV 1990 LABELS PROJECTED TO - 1997 LAND DISTRICT - CARIBOO F. C. DISTURBANCES UPDATED TO - NOV 1994	FOREST COVER MAP SERIES 0 500 1000 1500 Metres SCALE 1:20 000 SERIAL : 093H069 1996-JAN-17 007	THE DATA PORTRAYED ON THIS MAP IS STORED IN DIGITAL FORM AND IS STRUCTURED TO SUPPORT THE ANALYTICAL FUNCTIONS OF THE FOREST RESOURCE INFORMATION SYSTEM.	PRODUCED BY **INVENTORY BRANCH** MINISTRY OF FORESTS PROVINCE OF BRITISH COLUMBIA	93H.069

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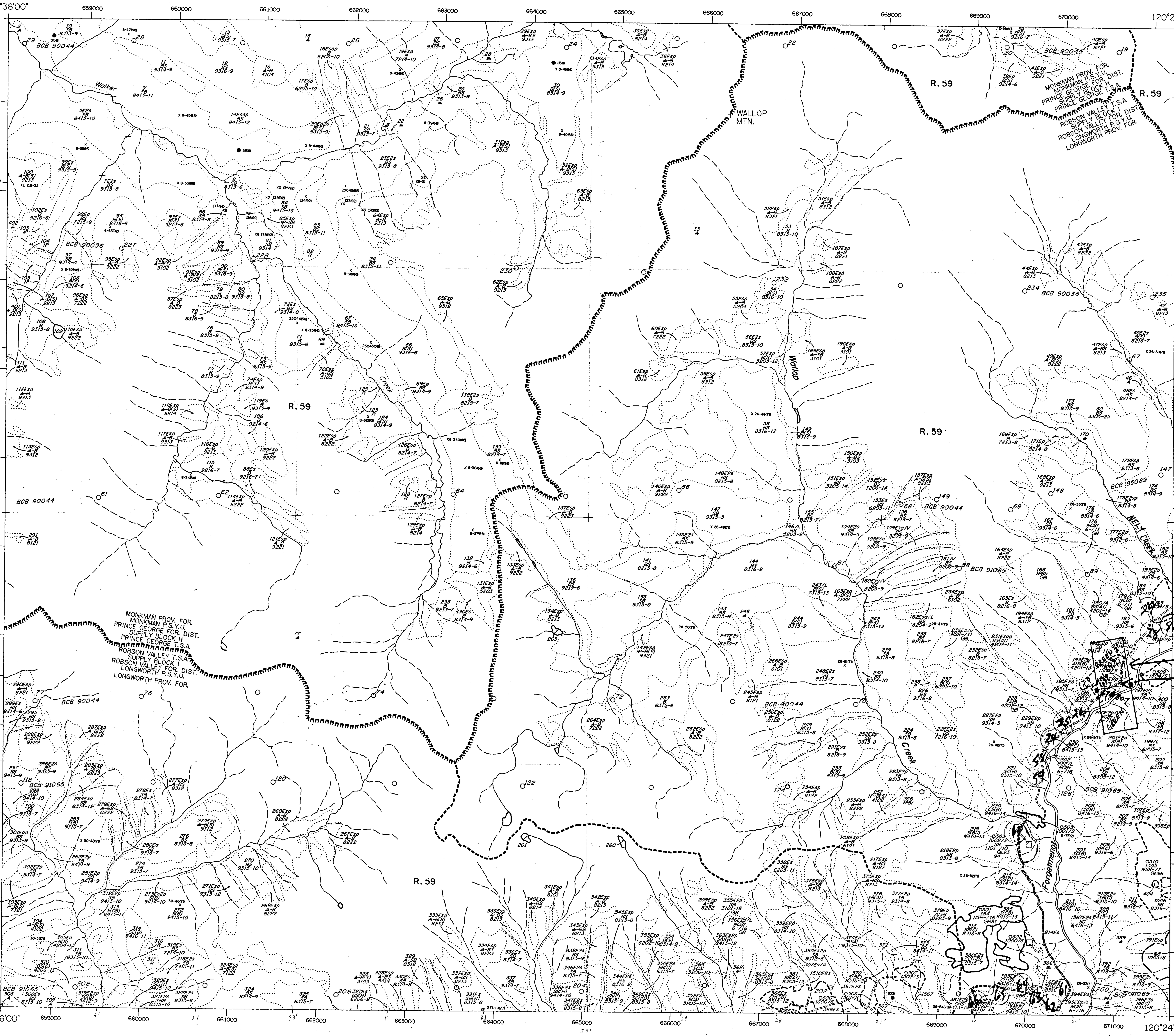
93H.078



THIS MAP HAS BEEN DIGITIZED BY INVENTORY BRANCH, MINISTRY OF FORESTS. NORTH AMERICAN DATUM 1983. DIGITAL BASE MAP FROM TERRAIN RESOURCE INFORMATION MANAGEMENT DIGITIZED BY SURVEYS AND RESOURCE MAPPING BRANCH, MINISTRY OF ENVIRONMENT, LANDS AND PARKS.	U.T.M. GRID ZONE 10 (1975) BASE : PHOTOGRAMMETRIC DIGITIZED BY: DDI — DATE: MARCH 1996 REVISED BY: COONEY — DATE: SEPT. 1997	TIMBER SUPPLY AREA - ROBSON VALLEY /P. G. OWNERSHIP STATUS - 1990 LABELS PROJECTED TO - 1997 LAND DISTRICT - CARIBOO F. C. DISTURBANCES UPDATED TO - NOV. 1994	FOREST COVER MAP SERIES 0 500 1000 1500 Metres SCALE 1:20 000	THE DATA PORTRAYED ON THIS MAP IS STORED IN DIGITAL FORM AND IS STRUCTURED TO SUPPORT THE ANALYTICAL FUNCTIONS OF THE FOREST RESOURCE INFORMATION SYSTEM.	PRODUCED BY **INVENTORY BRANCH** MINISTRY OF FORESTS PROVINCE OF BRITISH COLUMBIA

SERIAL : 093H078 1996-SEP-05 008

93H.078

BEEN PLACED:
,1003, 1004,

93H.079

SEE MAP 93H.089

120°24'00" 672000 673000 674000 675000 676000 677000 678000 679000 680000 681000 682000 683000 684000 120°12'00"

53°48'00"

5964000 5963000 5962000 5961000 5960000 5959000 5958000 5957000 5956000 5955000 5954000

53°42'00"

SEE MAP 93H.078

SEE MAP 93H.080

SEE MAP 93H.069

MONKMAN PROVINCIAL FOREST
PRINCE GEORGE FOREST DISTRICT
ROBSON VALLEY FOREST DISTRICT
LONGWORTH PROVINCIAL FOREST

MONKMAN P.S.Y.U.
LONGWORTH P.S.Y.U.

SUPPLY BLOCK H
PRINCE GEORGE T.S.A.
ROBSON VALLEY T.S.A.
SUPPLY BLOCK I

R. 59

BCB 91065

Forgetmenot Creek

Idol Creek

Grover Pit

FORGETMENOT MTN.

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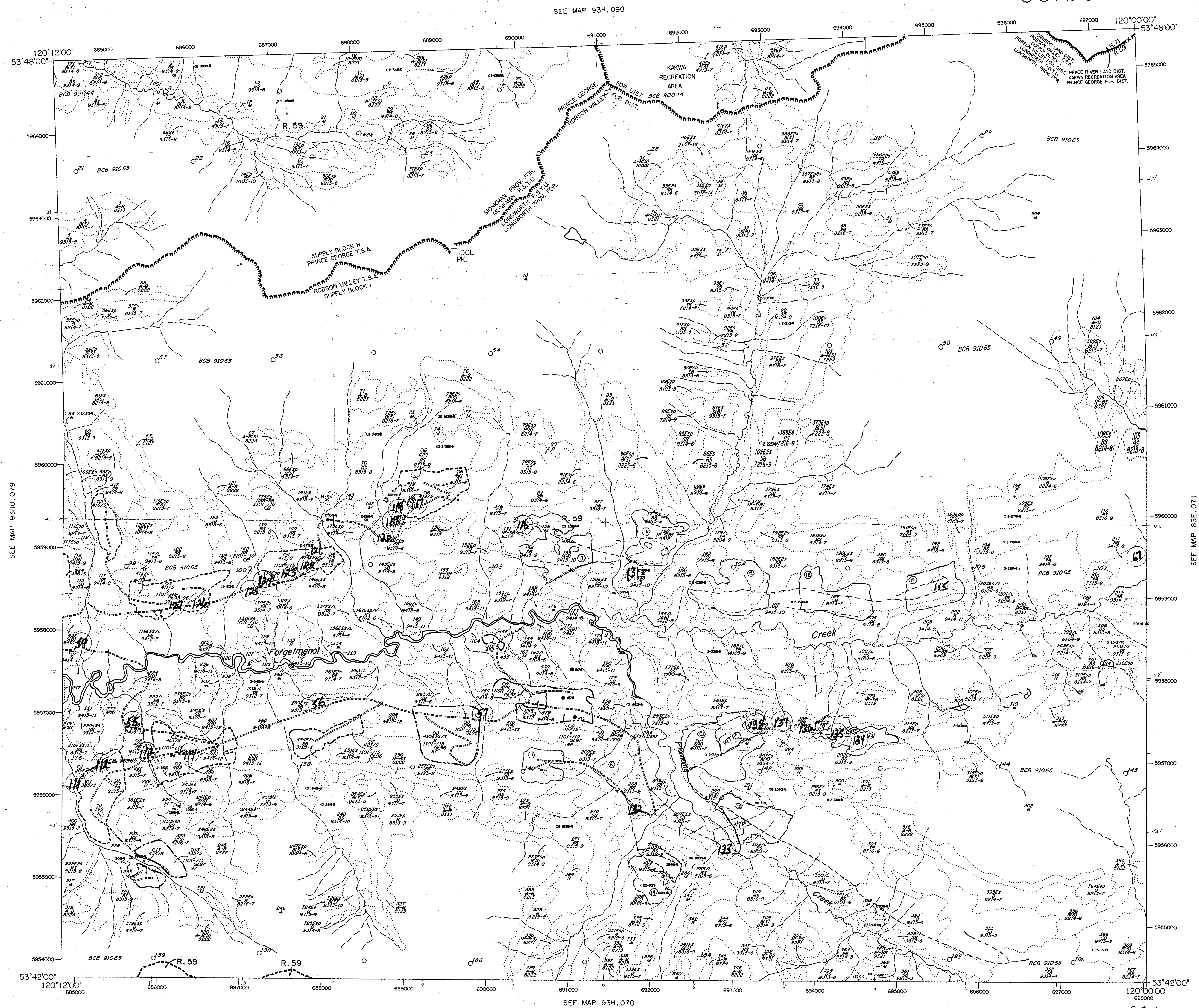
93H.080



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SERIAL : 093H080 1996-JAN-17 007

TIMBER SUPPLY AREA - PRINCE GEORGE
OWNERSHIP STATUS - NOV 1994
LABELS PROJECTED TO - 1997

98-10
(5)