

MAP EP 79-1-3  
BIRD RIVER AREA  
GROUND GEOPHYSICAL COMPILATION

LEGEND

16	Paragneiss
15	Migmatite - pegmatite complex
14	Quartz monzonite
13	Diorite
12	Pegmatite
11	Pegmatitic granite, aplitic phases
10	Quartz monzonite I Lac du Bonnet Pluton
9	Quartz diorite, granodiorite I Great Falls Pluton
8	Clinopyroxenite; metamorphosed equivalents
7	Gabbro; metamorphosed equivalents
6a	Anorthositic gabbro, gabbro, anorthositic, metamorphosed equivalents
6A	Serpentinized peridotite, serpentinite

5	Subgreywacke, sandstone, metamorphosed equivalents
4a	Lithic wacke, greywacke, metamorphosed equivalents
4A	Chert pebble conglomerate, polymict conglomerate, metamorphosed equivalents
3a	Pebbly wacke, metamorphosed equivalents
3A	Greywacke, minor crystal tuff, metamorphosed equivalents
2	Polymict conglomerate, metamorphosed equivalents

1e	Gabbro; metamorphosed equivalents
1a	Tuff, fragmental volcanics, minor pillow lava; metamorphosed equivalents
1c	Pillow and flow lava, tuff, fragmental volcanics; metamorphosed equivalents
1A	Pillow and flow lava, minor tuff; metamorphosed equivalents

---	Geological boundary, (defined, gradational, approximate, underwater)
---	Fault (defined, assumed)
---	Axis of major fold (syncline, synform)
---	(anticline, antiform)
---	Airphoto lineament
---	Mine shaft
---	Provincial road, private road
---	Powerline

MINERAL DEPOSITS / OCCURRENCES

• AU	- Gold	• LI	- Lithium
• BE	- Beryllium	• NI	- Nickel
• CR	- Chromium	• PYR	- Pyrites
• CS	- Cesium	• QRT	- Quartz
• CU	- Copper	• SN	- Tin
• FHS	- Fuchsite	• TA	- Tantalum
• FLD	- Feldspar		

GEOPHYSICAL

GROUND	
E.M. Anomaly (Strong, Medium, Weak)	---
MAG Anomaly	---
Ground Geophysical coverage	---

SUB AREAS  
**A,B,C,D,E,F,**

GEOPHYSICAL COMPILATION BY I.T. HOSAIN, 1979  
MINERAL DEPOSITS / OCCURRENCES BY J.D. BAMBURAK, 1979  
GEOLOGICAL BASE MAP BY D.L. TRUEMAN, 1972

