

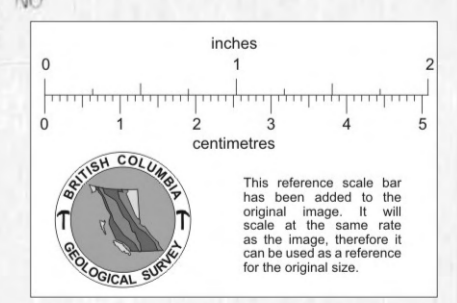
**GEOLOGY**

**LITHOLOGY** THE ENTIRE GRID IS UNDERLAIN BY (UP TRIASS) NICOLA ANDESITES (95%) AND AUGITE PORPHYRIES (5%). TWO APLITE DIKES WERE LOCATED AS INDICATED ONLY THE CLOSELY EXAMINED OUTCROP IS OUTLINED.

**MINERALIZATION** NO 'ECONOMIC' MINERALS WERE FOUND (1) SULPHIDES IDENTIFIED INCLUDE PYRITE (Py) AND PYRRHOTITE (Po) ONLY THEIR JOINT DISTRIBUTION AND INDIVIDUAL CONCENTRATIONS COINCIDE WITH BOTH THE PFE 'HIGHS' AND RESISTIVITY 'LOWS' (2) MAGNETITE ALTHOUGH NOT SEEN, IS PROBABLY RESPONSIBLE FOR THE MAGNETIC CHARACTER OF SPECIMENS HAVING NO VISIBLE SULPHIDES

**LEGEND**

- 5-74 PFE 'HIGHS'
- 75+ PFE 'HIGHS'
- $\le 200$  RESISTIVITY 'LOWS'
- I.P. SURVEY
- ⊗ VLF-EM CROSSOVER
- V685 ROCK GEOCHEM LOCATION
- 32 Cu PPM Cu
- 2 Mo PPM Mo
- Cu 200 SOIL SAMPLE  $\ge 100$  PPM Cu
- NOTE ALL Zn SOILS  $\le 74$  PPM ALL Mo SOILS  $\le 2$  PPM
- SHEARING, INCLINED
- LIMIT OF MAPPING
- AND ANDESITE
- Aug Pph AUGITE PORPHYRY
- + Py PYRITE PRESENT
- + Po PYRRHOTITE PRESENT
- Mag MAGNETIC, BUT NO SULPHIDES SEEN



REVISED	<b>N4-DESMOND LAKE</b>	
	<b>GEOLOGY</b>	
	RELATIVE TO:	
	1) SOIL GEOCHEMISTRY 'ANOMALIES'	
	2) RESISTIVITY & PERCENT FREQUENCY EFFECT ANOMALIES	
PROJ. No. ....	SURVEY BY: J. STOCKWELL (GEOLOGY)	DATE: NOV. 1974
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DWG. No. ....	<b>NORANDA EXPLORATION</b>	
	OFFICE: .....	

MAPPED BY LEWIS