



**LITHOLOGY**  
 Alteration, age relationships of alteration not known.

**8** Intense alteration, original lithology not known  
 Q Quartz veining or silicification  
 S Sericitization  
 P Pyritization  
 I Intense development of above three alteration types  
 Q-C Quartz-carbonate

**7** Quartz veins, greater than 50% vein quartz, quartz veins undifferentiated

**6** Intense pervasive silicification of black quartz

Dikes, age relationships of dikes not known

**5a** Equigranular hornblende syenite dike

**5b** Hornblende-feldspar porphyry dike

**5c** Dark green banded "andesite" dikes

**5c** Lamprophyre

Intrusive rocks, age relationship based on a cross cutting hornblende porphyry syenite dike

**4** Hornblende-feldspar porphyry syenite, undifferentiated

**3** Alkali feldspar porphyry syenite

Sediments and volcanic fragmental rocks

**2** Volcanic fragmental formation, undifferentiated due to cleavage and/or alteration

**2a** Low matrix, tuff-breccia to minor lapilli-tuff, monolithic

**2b** High matrix member, up to 10% chertific lapilli and blocks, mantling, probably on ash flow, marker horizon

**2c** Low matrix with interbedded heterolithic conglomerate sequences

**1a** Sandstone formation, arkose, arkosic wacke, lithic arkose and wacke, shales, pebble conglomerate and arenite

**1a** Lithic arkose, shales, wackes and conglomerate

**1b** Arenite member, mainly quartz rich arkose, arenite conglomerate

**1c** Metafels derived from sandstone formation.

**1d** Slate

--- Quartz vein stockwork zone  
 --- Overburden

Q Quartz content (%)  
 C Carbonate content (%)  
 Sf Sulphide content (%)

0.541, 10.28 / 1.36  
 OZ/T Au, OZ/T Ag/interval

REVISIONS		
DATE	REV No	BY

**ESSO MINERALS CANADA**  
**SULPHURETS DRILL SECTION**  
 AREA: BRUCEJACK PENINSULA  
 SECTION: 438 W  
 ORIENTATION: 295°  
 DDH 98, 99

0 25 m  
 Scale 1:500

BY: BCM  
 DATE: OCT 83

MAP No. 6