

**J. TUACH GEOLOGICAL CONSULTANTS, INC.
DIAMOND DRILL CORE LOG**

LATITUDE _____
DEPARTURE 519785 0E 5405965.0N (UTM)
ELEVATION _____
DIP AT COLLAR _____
BEARING _____
TOTAL DEPTH _____ CORE SIZE _____
REMARKS _____ NOTES _____

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Project No. _____ Hole No. BJ-12
Property West end Terra Nova Properties
NTS _____ Grid Name _____
Date started _____ Completed _____
Contractor _____
Logged by Jim Harris - 1996

Depth & Lithology	Description	Alteration	Mineralization
0 - 21'	overburden. Some core of mixed intrusives above 21', boulders?	21 - 26' = 20% recovery 26' - 33' = 60% recovery 33' - = 94 85 - 90% 94' - 178' - 50-60%	
21' - = 104'	Feisic volcanic. Light grey. Flecked with sericite and local chl. As for BJ-11 56-61 darker grey, less altered ? (dacite) also 65 - 79.' - pyrite 2.3% over these zones. 86-104' strongly altered similar to bottom of hole BJ-11		Small 1" semimassive py. band at = 28' Py - 2-8% disseminated and in stringers 38-43 - sawed previously - 86 - 103 sawed previously
- 104 - 127'	Mafic dyke or flow. Dark green fine grained. Some carbonate stringers. Amygdoidal centrally - chloritic. 126-130' less than 1' of core.		
127' - 168'	As for 21' - 104' 165 - 168' mostly lost core, possible gouge		@ = 136'. 1" semimassive Py band Py 2-4% disseminated
168' - 174.2'	Quartz feldspar porphyry. Pink to grey rhyolitic groundmass with large quartz and feldspar phenos. Chloritic over upper foot. E-O-H 178' (174.2 - 178' core missing)		

HOLE NO. BJ-12