

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

Sheet No. 1

LATITUDE _____
 DEPARTURE 12.500N 15.500E
 ELEVATION 3793
 DIP AT COLLAR -90°
 BEARING _____
 TOTAL DEPTH 2143 CORE SIZE Ax
 REMARKS _____

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

Project No. _____ Hole No. 1926
 Property Buchans - Middle Branch
 NTS _____ Grid Name Mine Grid
 Date started 1961 Completed _____
 Contractor _____

 Logged by J. Harris - 1996

Depth & Lithology	Description	Alteration	Mineralization
0 - 52'	- Overburden		
52 - 58'	- Dark green weakly foliated mafic volcanic, fine grained		
58 - 63'	- Dark green, fine grained - mafic dyke		
63 - 1800'	- Drilled non-coring		
1800 - 1874'	- Mafic volcanic (most likely Sandy Lake Fm.) - Green to reddish, Amygdoidal basalt, locally fragmental - Calcite filled Amygdules and common calcite veining - Also considerable epidote and/or epidote - silica veining	Patchy hematitization	
1874 - 1918'	- Rhyolite intrusive - Massive pink with quartz and chlorite phenocrysts - Also tiny altered feldspars - Local weak banding at $\approx 10^\circ$ to the core - flow banding		
1918 - 2000'	- Mafic volcanic - as for 1800 - 1874 - More obviously fragmental, some interbedded sediments and jasper - Clasts over lower 3' - also weakly foliated @ $\approx 75^\circ$ to the core	hematite alteration	

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Sheet No. 2

Depth & Lithology	Description	Alteration	Mineralization
2000 - 2102'	Interbedded siltstone and lithic Arkose (maybe Buchans River Fm. seds. grading up into Sandy Lake Fm.?) - Bedded at $\approx 80^\circ$ to the core - Siltstone beds only above 2040 - become a more typical lithic Arkose and arkosic conglomerate below 2040	Cut by silica and silica epidote veins approaching silicification locally. Some sericitic alteration of groundmass above ≈ 2040	Rare fleck Pyrite and occasional Pyritic alteration gains near top (possible barite at 2012)?? and at ≈ 2023 Also possible barite with quartz and carbonate veins i.e. @ 2048
2102 - 2109'	- Amygdoidal basalt as above - Hematitized and sheared at about 70° to the core		
2109 - 2143'	- Little Arkose and Arkosic conglomerate as for 2040 - 2102		

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