

**GEOLOGICAL CONSULTANTS LTD
DIAMOND DRILL CORE LOG**

Sheet No. 1

UTM CO-ORDINATES 0514969E 5410453N
 GRID CO-ORDINATES L149+50E 104+50N
 ELEVATION ~265m
 DIP AT COLLAR -60°
 BEARING 360°
 TOTAL DEPTH 95.0m CORE SIZE NQ
 REMARKS Hole abandoned in a fault

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing

Project No. B4273 Hole No. BR-2K-05-02
 Property Buchans East
 NTS 12A/15 Grid Name Buchans East
 Date started 20/05/2000 Completed 24/05/2000
 Contractor Lantech Drilling Services Ltd.
 Logged by J. Harris

Depth & Lithology	Description	Alteration	Mineralization
0 - 3.1	Overburden		
3.1 - 42.2	Rhyolite porphyry with mafic dykes and/or flows - rhyolite is brown and locally bleached pink - dark green fine grained mafic, generally strongly magnetic - moderate to strong foliation at approximately 40° to the core - mafic from 7.3 - 8.5, 9.8 - 14.1, 15.9 - 17.7 (dyke) - fairly large quartz phenos in the rhyolite - at 20.3m abrupt change to strongly foliated felsic - 23.9 - 30.5 fine grained grey-green felsic, likely more strongly sheared version of above		rare pyrite
42.2 - 45.9	Mafic dyke - dark green to black, strongly magnetic - well foliated at about 40° to the core, especially near contacts		

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Depth & Lithology	Description	Alteration	Mineralization
45.9 - 95.0	Felsic volcanic, rhyolite to dacite - pink and grey green, strongly foliated at 35-40° to the core - some zones of softer and more chloritic intermediate - magnetic locally - 50.6 - 52.3 fault gouge and breccia - 67.7 - 68.0 chilled mafic dyke, cross cuts foliation - felsic is generally fine grained with small elongate chlorite flecks - 70.8 - 71.7 dark green to black mafic flow or sill, foliated, strongly magnetic, also 73.9 -74.9 - 74.9 - 82.2 interbanded mafic and felsic, commonly magnetic - minor quartz and calcite veining locally - 89.4 - 95.0 zones of fault gouge and rubble, 10cm gouge at 92.0m - 92.0 - 95.- ~ 1m recovered, from ~93.0 - 95.0 sand and gouge not recovered - the fault kept closing off the hole, so the hole was abandoned		disseminated magnetite locally occasional fleck cpy between 60and 65m rare pyrite

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