

**GEOLOGICAL CONSULTANTS LTD
DIAMOND DRILL CORE LOG**

Sheet No. 1

UTM CO-ORDINATES 513945E, 5409315N
 GRID CO-ORDINATES L139+53E, 9368N
 ELEVATION 276M
 DIP AT COLLAR -70°
 BEARING 180°
 TOTAL DEPTH 63M CORE SIZE NQ
 REMARKS _____

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing
63M	-70°	210	187°

Project No. _____ Hole No. BR-2K-05-05
 Property Buchans - Middle Branch East
 NTS 12A/15 Grid Name Buchans East
 Date started 09/12/00 Completed 11/12/00
 Contractor Logan Drilling

 Logged by J. Harris

Depth & Lithology	Description	Alteration	Mineralization
0 - 5.1	Overburden		
5.1 - 29.5	Mafic volcanic - dark green to black, magnetic - locally fragmental - lithic tuff - some quartz grains or amygdules - locally plagiophytic - laterite foliation at 70-80° to the core - local resemblance to Ski Hill mafics, ie; purple clasts with plagiophenocrysts and silica amygdules - 27.0 - 29.5 more felsic looking - silicified? - somewhat irregular, "conformable" contact	local epidote alteration	occasional pyrite rare fleck cp
29.5 - 32.2	Tuffaceous sediment - mainly felsic fragments - flattened, altered felsic fragments in a sericitic matrix, foliation at 70-80° - some chloritic and or sericitic punice - some rounding of fragments	- strong sericite-chlorite-silica alteration epidotized below 30.0m	8-10% fine pyrite in the matrix and in fragments, minor sp, ga and cp in the matrix
32.2 - 32.8	Mafic dyke, fault - green to brown, medium grained mafic dyke - fault gouge and breccia 32.2 - 32.5		
32.8 - 35.7	Tuffaceous sediment - brown to green - mafic and felsic fragments in a fine pyritic "silt matrix, may be alteration - appears to coarsen downward with pebble conglomerate at 35.7	strong sericite-silica-chlorite (-pyrite) alteration	10-15% pyrite

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Depth & Lithology	Description	Alteration	Mineralization
35.7 - 37.4	Mafic volcanic - dark green, foliated at 80° to the core - a few calcite amygdules and epidotized feldspars - weakly magnetic at 37.4 - sharp conformable contacts	chloritic	rare pyrite
37.4 - 40.1	Felsic tuff - to tuffaceous sediment - light brown, siliceous - mainly small fragments but a few felsic and mafic cobbles - some rounding of fragments	strong quartz-sericite-chlorite-pyrite alteration	10-20% pyrite
40.1 - 43.5	Mafic dyke - fine to medium grained - green to brown - some pink feldspars - inclusion of above unit from 41.7 - 42.2, sheared especially at contacts - upper dyke contact at 20-30°, lower contact faulted - fault gouge 43.4 - 43.5		
43.5 - 63.0	Intermediate fragmental - lithic tuff?, may be altered mafic - green to grey brown - mainly green mafic to intermediate with zones of more felsic pyritic rock similar to above the dyke - fractured and epidotized to 49.0m - some possible rhyolitic fragments	strong quartz-sericite-chlorite alteration with zones of very strong alteration	3-5% pyrite with zones of 10-20% py occasional sp and cp associated with calcite veinlets
63.0	End of hole		

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