

**GEOLOGICAL CONSULTANTS LTD
DIAMOND DRILL CORE LOG**

Sheet No. 1

UTM CC ORDINATES 513951E, 5409245N
 GRID CO-ORDINATES L139+59E, 9298N
 ELEVATION 275M
 DIP AT COLLAR -70°
 BEARING 180°
 TOTAL DEPTH 61m CORE SIZE NQ
 REMARKS _____

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

Project No. _____ Hole No. BR-2K-05-08
 Property Buchans - Middle Branch East
 NTS 12A/15 Grid Name _____
 Date started 13/12/2000 Completed 14/12/2000
 Contractor Logan Drilling

 Logged by J. Harris

Depth & Lithology	Description	Alteration	Mineralization
0 - 5.5m	Overburden		
5.5 - 25.1	Felsic to intermediate tuff - grey, brown and green - foliated and layered at 75-80° to the core - strongly altered and may be in part altered mafic - some chloritic mafic bands with sharp contacts, "fragments"?, less altered and pyritic - flattened, elongate lithic fragments evident locally - 15-8 - 16.3 mafic flow or tuff - gradational to a coarser lithic tuff below ~17.0m, common porphyritic dacite fragments - gradational contact at 25.1m	strong quartz-sericite-chlorite-pyrite alteration alteration dies out somewhat below 17.0m	10-30% pyrite, finely disseminated, minor sp and ga 2-3% pyrite below 18.0m, often as fine pyrite altered clasts
25.1 - 35.5	Mafic to intermediate tuff - green to grey green, fairly coarse lithic tuff - mafic and intermediate to felsic fragments - some quartz grains and phenos - commonly magnetic	locally epidotized weak quartz-sericite alteration of some fragments 35.2 - 35.5 bleached and moderate alteration	minor pyrite 35.2 - 35.5 2-3% py
35.5 - 38.5	Dacite to andesite fragmental - brown, hard and silicic - plag and a few quartz phenos, possible quartz amygdules - flow breccia - strongly magnetic	moderate quartz-chlorite alteration - network	8-10% pyrite mainly as network veining but some finely disseminated

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Sheet No. 2

Depth & Lithology	Description	Alteration	Mineralization
38.5 - 42.9	Felsic tuff - grey to brown - well foliated at 70-80° to the core - flattened, small lithic fragments, quartz grains - some lithic fragments like overlying unit	strong quartz-sericite-chlorite-pyrite alteration	10-20% pyrite minor sp
42.9 - 61.0	Intermediate tuff to breccia - grey-green to brown, variably altered - fine to coarse lithic tuff and breccia - mafic fragments and intermediate fragments - commonly magnetic - locally foliated/layered at 80-85° to the core	variable quartz-sericite-chlorite-pyrite alteration	5-10% pyrite more pyrite with stronger alteration some fragments with 20% + of very fine pyrite
61.0	End of hole		

HOLE NO. BR-2K-05-08

PROJECT NO. _____

PROPERTY Middle Branch East

[illegible]