

**GEOLOGICAL CONSULTANTS LTD
DIAMOND DRILL CORE LOG**

Sheet No. 1

UTM CO-ORDINATES S24760E, 5406410N
 GRID CO-ORDINATES L24300, 6650N
 ELEVATION ~215M
 DIP AT COLLAR -50°
 BEARING 155°
 TOTAL DEPTH 102M CORE SIZE NQ
 REMARKS MMI target (IP)

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

Project No. _____ Hole No. LS-2K-012
 Property Buchans Vol 1 Fol 62
 NTS 12A/15 Grid Name Little Sandy
 Date started 22/11/2000 Completed 24/11/00
 Contractor Logan Drilling
 Logged by J. Harris

Depth & Lithology	Description	Alteration	Mineralization
0 - -4	Overburden		
4.0 - 24.7	Mafic volcanic - dark green, mainly fine grained, locally medium - local felsic look due to silicification, could be felsic fragments, especially 10.9 - 15.0m - 9.7 - 10.9m fault gouge and breccia some lost core - 17.5 - 18.0 rubbly core some faulting - thin fault gouge at 21.6	patchy black chloritic alteration, also wormy and patchy sericite-silica alteration 15.0 - 21.0 patchy epidote - silica alteration 21.9 - 23.5 silicified	2-5% pyrite as disseminated blebs and veinlets, often associated with chlorite minor disseminated cpy local sp associated with py veinlets, ie; at 7.2m 9.7 - 21.0 ~1% py mainly as local concentrations 21.6 - 21.9 5-10% py and minor cpy and sp with chlorite - 21.9 - 24.7 4-5% py
24.7 - 26.1	Rhyolite - buff, fine grained, hard - may be silicified mafic - mafic volcanic from 25-1 - 25.4 - some faulting at 24.8m	some quartz-chlorite veining	minor py minor cpy and sp associated with qtz- chl veining

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Sheet No. 2

Depth & Lithology	Description	Alteration	Mineralization
26.1 - 90.1	Mafic volcanic, as for above the rhyolite - occasional silica and or calcite amygdules - 32.0 - 33.7 fragmental textures, strong silicification, may include some felsic fragments - minor fault at 48.0m - below 51.6m weakly altered basalt with calcite and some chlorite amygdules, also epidote, common calcite veinlets - small fault gouge at 56.4m - minor pyritic shearing at 60-65° to the core at 57.6m - local weak shearing below 72.0m - sheared at ~85° to the core at lower contact, also some fault gouge	26.1 - 41.8 moderate to strong silica-chlorite alteration 41.8 - 51.6 silica-chlorite-epidote alteration and calcite veining - weak alteration below 51.6m 72.0 - 73.0 weak alteration and 1-2% py	1-3% pyrite local sp and cpy with silica and or chlorite, possible galena locally 41.8 - 42.0 1-2% sp and cpy with qtz veining also local sp and cpy in "amygdules" below 42.0 46.7 - 48.5 and 50.5 - 51.0m 1-2% cpy and sp and 8-10% py associated with quartz-calcite and chlorite veining at a low angle to the core local similar stockwork mineralization to 51.6m 54.9 - 55.3 to 1% sp, also 56.6-56.7m as veins and in amygdules 51.6 - 55.5 ~1% py minor py below 55.5
90.1 - 91.5	Arkosic pebble conglomerate - pink, coarse sand to conglomerate - some larger cherty siltstone clasts - sheared throughout, fault gouge at 91.4m		
91.5 - 92.4	Sheared mafic volcanic - strong shearing at 80-90° to the core - mylonitic at contacts Arkosic sediment, as above - strongly sheared-mylonitic 92.4 - 93.1 - shearing dies out over 2-3m		
102.0	End of hole		minor py and sp in the shear zone at 92.4

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PROPERTY Little Sandy

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