

LATITUDE L-3+00S

Vinland Resources Limited
DIAMOND DRILL CORE LOG

Sheet No. 1 of 2

DEPARTURE 77+00E

Tests Depth	Dip	Magnetic Bearing	Correcting Bearing
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Project No. _____ Hole No. SP-06-19

ELEVATION _____
DIP AT COLLAR -45°

102.72m	45°	161°	140.1°
209.40m	46°	163°	142.1°

Property Buchans Junction
NTS 12A/15 Grid Name _____ Seal Pond _____

BEARING _____
TOTAL DRIFT 249.02 CORE SIZE NQ

_____	_____	_____	_____
_____	_____	_____	_____

Date Started Sept 18/06 Date Completed Sept 26/06
Contractor Petro Drilling Company Limited

REMARKS _____

Logged By Paul Delaney, P. Geo

DEPTH & LITHOLOGY	DESCRIPTION	REMARKS
0 - 3.14 Overburden	OVB	
3.14 – 54.82 Felsic Volcanic Tuff or Tuffaceous Sediment	Gy & yellow banded, fgr, grainy, roughly eq, n-mag, fel volc tuff or volc sed. Grains look rounded & appears to be reworked felsic tuff material. Banding fades away by ~32m, then mostly solid grey fgr volc sed/tuff with minor calc vein	
	35.98-36.18 – broken core with healed calc bx @ 36.30	
	Cont as vfgr, fgr, fmgf fel volc derived volc sed/wacke. See lith clasts (ang) of few mm's with feld xtls, few chlor clumps. Trace Py. Bedding ~2-4m, seems to coarsen downhole within beds	
54.82 – 163.59		
Felsic to Intermediate Intrusive	Probable felsic intrusive. Fgr, mottled locally white or buff (1mm, irreg). looks like fled laths interlocking with finer matrix, esp seen in mottles. Minor grain size variation. Trace Py. Minor epi & seri. Frac fill of yellow epi-qtz material. Mod-str mag from 63.74 (Top of unit has some aphanitic into fgr sections, prob chills)	
	67.17 – 67.32 (approx) broken/bx & seri alt rock	
	112.36 – 123.36 Distinctive fgr, eq, mag, inter –fel intrusive. Grn size at contacts finer than centre. Epi-qtz veinlets/frac fill.	
	123.36 - 124.10 heavily cal-epi-qtz veined & altered (epi)	
	124.10 – 125.61 Lose Mt, fgr, feld phy, bit hematized on fracs locally & see dark xtls to hema (ex-Mt?). Gradual increase in grain size to fgr & makes it eq as grain size increases	
	146.56 – 146.76 qtz-rich hydro bx – sil alt frags in fine creamy sil matrix	
	NOTE: Tag error. 130.15 tag bit far along, not bad, but 133.20 tag about double distance. Good below that, but probably a 10' error. Initially two tags of 437' (133.20), one now changed to 427'.	
	152.37 - 153.47 Lt brwn, aphan/vfgr, feld & chl phy (chl prob after mafic), n-mag inter dike	
	153.47 - 155.42 Grn, str-fol rock. Appears high shear with vfgr chlor matrix and augenized xtls and pods. Minor hema of darkened xtls/blebs	
	155.42 - 156.79 Lt brwn, aphan/vfgr, feld & chl phy (chl prob after mafic), n-mag inter dike, bit more hema	
	156.79 – 157.83 Grn, str-fol rock. Appears high shear with vfgr chlor matrix and augenized xtls and pods. Minor hema of darkened xtls/blebs	
	157.83 – 158.81 Lt brwn, aphan/vfgr, feld & chl phy (chl prob after mafic), n-mag inter dike	
	158.81 – 159.20 Grn, s-fol chlor material	
	159.20 – 160.65 Lt brwn, aphan/vfgr, feld & chl phy (chl prob after mafic), n-mag inter dike	

	160.65 – 163.59 s-hema, calc veined, var bx, vfgr material. Poss hema dike but more likely wall rock. Clayey seam @ 162.25	
163.59 – 218.08 Felsic Volcanic	Minor mech bx & pug at top, rock bit fractured below. Reddish-buff & greenish, aphan, aphy fel volc, prob tuffs. Mixed bands & zones of brown/buff/maroon & bright green cut by minor calc veins . Lots glassy fracturing.	
	195.95 – 196.15 fault bx/clayey @ 90°TCA and a wedge shaped zone @ 30°TCA	
	208.32 Start of variable colour banding on mm/cm scale, offset by later fractures along core axis. Apperas to be bedding as coarser zones below are obvious layered units of felsic derivation. Lower contact sharp @ 64°TCA.	S _o @ 61° TCA @ 214m S _o @ 53° TCA @ 217m S _o @ 60° TCA @ 217.5m
218.08 – 241.26 Mafic Volcanics	Green and lesser hematized calc amyg, n-mag, fgr, mafic flows, prob pillows. Minor 1-15cm sects of jasperoidal inter flow /pill seds. Extensive calc veins & frac fill. Local bx healed by calc. Lower contact sharp @ 50°TCA	
241.26 – 249.02 Felsic Volcanic Wacke	Buff/reddish/yellowish, vfg-mcgr wacke of felsic derivation, felsic clasts, vari hema, typ ang, up to~1cm, trace Py, minor chl in matrix, calc filler, clast size increase downhole.	