

LATITUDE L-75+00N

Vinland Resources Limited
DIAMOND DRILL CORE LOG

Sheet No. 1 of 3

DEPARTURE 56+00E

Tests Depth	Dip	Magnetic Bearing	Correcting Bearing
105.16m	60°	155°	134.4°
194.16m	55°	153°	132.4°
279.20m	54°	160°	139.4°

Project No. Hole No. SP-06-20

ELEVATION

DIP AT COLLAR -60°

BEARING 0

TOTAL DRIFT 309.98m

REMARKS

CORE SIZE NQ

Property Buchans Junction

NTS 12A/15 Grid Name Seal Pond

Date Started Sept 27/06 Date Completed Oct 5/06

Contractor Petro Drilling Company Limited

Logged By Paul Delaney, P. Geo

DEPTH & LITHOLOGY	DESCRIPTION	REMARKS
0 – 4.13 Overburden		
4.13 – 177.79 Mafic Volcanic	Green, chl, n-mag, mainly feld phy, calcitic mafic volc. Feld alt to calc & lesser epi, locally no feld xtls. 1-2% diss Py, local Cp in calc veins. Appears to be more of a xtl tuff./tuff or volc sed then flows. Calc veins on fabric common but vari	
	4.13 - 4.88 weathered, with few weathered fracs lower	
	21.69 – 21.88 white calc-qtz vein bx @ 0°TCA	S ₁ @ 55° TCA @ 25m
	22.59 Minor pug/bx	
	28.18 – 28.38 Bx & pug, minor Py increase	
	52.63 – 54.24 Prob amyg (qtz-cal-Py) flow	
	81.39 66cm hi calc vein zone with deformed/folded zone	
	85.52 – 85.98 folded & bx, hi calc vein zone	
	94.84 – 98.08 coarser fragmental zone	
	Mafic Dikes – fgr, chilled margins, chl-cal amyg locally, s-mag, eq @ 99.62 – 101.17, 104.85 – 105.71, 105.71 – 106.53 (two together), 124.49 – 125.45, 125.64 – 127.81, 129.37 – 129.75, 131.50 – 131.87	
	107.81 – 108.81 coarser frag sect. Frags lt gy, more felsic looking	
	110.25 – 112.41 vari broken/bx, folded, calc vein	
112.41 – 115.92 Felsic Volcanic	112.41 – 115.92 Felsic Volcanic. Buff aphan, spotted with irreg white prob feld xtls, n-mag. Some chl fracs, qtz-calc vein	
115.92 – 177.79 Mafic Volcanic	115.92 – 177.79 Mafic Tuff/Volcanic/Volcanic Sediment. Same as above felsic interval, vari feld-calc blebbed zones, calc vein common, locally greasy chl on fracs	
	NOTE: Between 142.34 tag & 181.97 tag some tags misplaced & 178.92 tag missing while 175.87 tag only 5' from 172.82 & not enough room to 178.92.	
	Lots heavily broken core through above problem section	
	142.80 – 157.58 start of broken, deformed mafic tuffs. Chl-seri alt on main fracs. Vari qtz vein/pods. Heavily broken down to 153.70. Minor Py	
	153.70 – 157.58 (approx) – more bx & puggy with few fgr mafic n-mag chilled dikes	
	157.58 – 161.74 Pyritic Section. Hetero, banded or qtz vein hosted mgr Py+Cp of 8-10% total in chloritic tuff. Positioned between 2 mafic dikes. Mod frac & some bx, lots @ 0°TCA. Qtz as main vein material	

	161.74 – 161.93 Mafic Dike, buff, chilled, n-mag	
	161.93 – 177.79 Calc as veins, mod frac, some bx, minor Py. Minor mafic dike. 162.70 – 163.50 more seri-chl rock woth Py conc in seri shears	
177.79 – 226.86 Felsic to Intermediate Volcanic	177.79 (approx due to tag problem) Buff to light greenish/green, sericitic + chl. Local feld or qtz xtls	
	177.79 – 185.16 Buff, sericitic, n-mag, qtz (irreg, 2-4mm) por, vfgr, some chl on fracs, diss & frac Py 1-3%.	
	185.16 – 193.00 Greenish buff, fgr, internally bx with darker chl+seri in matrix between irreg frags of lighter beige felsic material. 2-3% Py+Cp, typ assoc with more matrix. Local bx-like or frags texts with darjer, irreg ang frags in felsic matrix	
	193.00 – 195.70 bit darker, more fol sect with mafic dike of 3cm@75°TCA @ 193.96. Chl-seri, 2-4% Py+Cp. More coarser frag nature near base.	
	195.70 – 202.00 More massive, lighter buff to greenish fel volc. Few feld xtls & frags. Spotted & frac coated green seri with assoc Py+/-Cp+/-trace Sp. Some internal bx, minor calc vein filler.	
	202.00 – 208.07 Green, more fol, more grainy with blue-grey qtz xtls-feld xtls, locally conc. Matrix to more frag sects is seri-chl-Py with fel frags. Looks ot be more obvious fragmental-prob resed tuff. Py 1-2%, vari.	
	208.07 – 213.06 Less fol, more seri unit than above. Still decent fabric with fel frags wrapped in seri with 2-4% vfgr diss Py & frac Py, Py blebs. Locally feld phy.	
	213.06 – 219.90 Lighter, more mass, vfgr, gy/buff, seri mottled fel volc with 1-2% diss Py & more conc on fracs.	
	219.90 – 225.90 Buff, fgr, feld por fel volc. Feld 2-5mm, irreg, white, 5-10%. Matrix more buff. Green seri & chl mottles and streaks. Py 1=2% assoc with dark mottles & rare stringer with 10% Py+calc+qtz +black chl	
	225.90 – 226.86 str fol sect with some bx, qtz-caloc vein. Darker than above, no xtls, minor Py.	
226.86 – 276.81 Intermediate to Mafic Volcanic	226.86 – 236.36 Grey/green, fgr, m-str fol, vari feld phy (irreg, gy) chloritic volcanic. Vari Py 1-3%, local stringers with more Py+qtz-cal	
	236.36 – 242.00 Lighter gy, more feld xtls, 103% Py, less chl	
	242.00-243.41 Finer, more glasy sect, gy/grn, mottled with grn seri or chl with Py	
	243.41 – 276.81 Long sect of inter volc. Has matrix of feld & chl with vari amount & size of white to slightly org/buff, aphan fel volc typ with minor to lots Py by %. Matrix typ only 1-3%, local conc in mostly fol, more chl zones. Lower contact with mafic volc looks quick conform gradational. 5cm wide mass white calc vein @ 30°TCA @ 273.35.	
276.81-309.98 Mafic Volcanics – tuffs and flows	276.81 – 298.45 Mafic Tuffs/Fragmentals. Starts as streaky grn to dk grn chl tuffs with vari Py of 3-8% as streaks/diss. Calc veins/pods common, fgr, var mag from none to mod-str. Calc pods also commonly with epi & sulphides, some look like amygs but see good folded thin layers locally. Local Cp-Py stringers with cal/qtz 282.45 – 291.00(approx) abundant frags of lapilli to bomb size of qtz-epi-cal+/-Py/Cp. Looks like agglom 285.62 – 285.74 qtz bx vein with epi frags & good Cp-Py 291.00 – 298.45 Finer tuffs with small scale folding, thin beds. Qtz-calc veins/frac fill etc common. Some Cp-Py stringer typ assoc with qtz-cal pods. Lower contact approx.	
	298.45 – 309.98 Mafic Flows. Defn qtz-cal amygs, var thru sect but no obvious frag or flow boundaries, prob	

flows. Still decent fabric @ 58°TCA. Py or Cp/Py stringers or assoc with qtz-cal veins & amygs. Good Cp@ 303.10-303.19
