

LATITUDE	L-24+00N	Vinland Resources Limited				Sheet No.	1 of 1
		DIAMOND DRILL CORE LOG					
DEPARTURE	48+00E	Tests Depth	Dip	Magnetic Bearing	Correcting Bearing	Project No.	Hole No. SP-06-16
ELEVATION		104m	49%	166		Property	Buchans Junction
DIP AT COLLAR	-50 ⁰	200m	48%	162		NTS	12A/15
BEARING	135 ⁰	300m	47%	162		Date Started	May 01/06
TOTAL DRIFT		365m	46%	167		Contractor	Petro Drilling Company Limited
REMARKS	CORE SIZE NQ					Logged By	Christopher Hutchings, P. Geo

DEPTH & LITHOLOGY	DESCRIPTION	REMARKS
0.00-11.12* m:	Overburden	
11.12*-365.00m:	Intermediate flows and pyroclastics – green, interbedded, amgdaloidal / carbonate filled; scattered to sparse quartz/carbonate veinlets; foliation 60, 80 and 90 deg to axis; excellent recovery, fragments 1.0x3.0 cm & 1.0x1.0 mm, flattened along foliation; quartz-carbonate veinlets & blowouts, width 2.0mm to 2.0 cm; 50 to 65 deg to axis; some shearing, otherwise homogenous, minor pyrite and lesser chalcopyrite and sphalerite throughout but not continuous; also host fractured to slightly silicified in places, lighter in colour, fractures fillings are quartz-carbonate.	
41.00-41.08m:	Felsic crystal tuff – light pinkish brown, quartz feldspar crystals (rounded).	
46.72-131.50m:	Granite – medium grained, kspar, amphibole crystals (samples taken from granite and host above granite); mostly equigranular except for mafic laths; top and bottom contacts 090 deg to axis; chalcopyrite below.	
172.45-177.00m:	Granite – pink/grey, fine to medium grained; contact/bottom – sharp @ 90 deg to axis.	
207.66-209.4m:	Felsic volcanic – grey, aphanitic, fractured, rhyolitic looking, pyrophyllite on fractures, silicified (sample taken).	
215.00-239.09m:	Sulphide intersection (24.09m) – disseminated pyrite and chalcopyrite in crystals, stringers // to foliation and short semi-massive bands //foliation; average 3-5% overall; from 215.09-215.14m – a 5.0 cm semi-massive band @ 80% pyrite and 20% chalcopyrite. From 218.75-219.94m – massive chalcopyrite in fracture 2.0mm wide & 3.0 cm long and followed by a semi-massive band 5.0 cm wide @ 80% pyrite and 20% chalcopyrite & a 1.5 cm wide massive band having same proportions; at lower end of intersection, rocks are soft having pyrophyllitic/clay mineral-like alteration From 132.82-133.02m – two bands of massive sulphide; top band 2.0 cm wide, 50% pyrite, 50% chalcopyrite; bottom band 4.0 cm wide, massive sulphide @ 80%, 50% pyrite, 50% chalcopyrite; host is chloritized amygdaloidal andesite (no other alteration observed). From 161.9-167.0 – sulphide bands 1.0-5.0-10.0 mm wide // foliation; bands semi-massive to massive pyrite @ 80%, 1.0-4.0-6.0-10.0 cm apart; host is soft, sheared(?), a white-brown-green colour on broken fractures, looks like chloritic alteration. From 224.50-225.70m: Andesite – fragmented, sheared, crumbly, fractured, not rotated; continues to 231.50m; from 231.00-231.50m, extremely fractured and broken; mineralization below. From 227.93-228.13m – massive pyrite @ ~ 50%. From 233.00-236.50m – pyrite in clots and stringers averaging 3-5%. Very thin fracture filling veinlets observed at: 177.85m @ 90 deg to axis - pyrite and chalcopyrite crystals. 179.89 @ 70 deg to axis – sphalerite and pyrite lining a 5.0mm wide quartz veinlet. 185.10 @ 90 de to axis – pyrophyllitized (this looks like pyrophyllite –distinctly yellow and white, soft, crumbly and scratched with fingernail) coating on fracture; at bottom very thin single stringer of black sphalerite crystals // foliation. 211.05m @ 90 deg to axis – massive pyrite observed, no black specks (sphalerite).	
266.47-267.41m:	Felsic volcanic – creamy brown, fractured, rhyolitic looking, minor medium grained pyrite.	
323.0-323.94m:	Felsic volcanic – creamy brown, aphanitic, rhyolitic looking.	
365.00m	– end of hole (86 boxes)	