

DRILL HOLE LOG  
NIKKI PROPERTY

Hole: NIKKI 10-03

Zone: \_\_\_\_\_

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Northing: 6880005mN

Easting: 500246mE

Elevation: \_\_\_\_\_

Drilling Dates: JULY 08-13/10

Logged by: J.P. BULLIPS

Length: 346.86m

Core Size: NTW BTW

Casing: 6.71m (m) in/out

Depth: 2.00

Dip: -45°

Azim: 035°

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		EF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MS	FR		(m)	(m)	(m)	Number			
			0.00	4.55	4.55	CASN	X																			
			no recovery																							
			4.55	6.10	1.55	PPEG	X	0	0	0	0	0	0	0	0	0	0	0	0	4.55	6.10	1.55	G.05589 28			
			5.60	6.10	0.50	PGBR	X																			
			6.10	9.14	3.04	PPEG	X	X	0	0	0	0	0	0	0	0	0	0	0	6.10	9.14	3.04	920			
			6.10	9.14	3.04	PGBR	X																			
			clasts 3mm - 7cm av 1-2cm in ash size matrix clasts PP & DR (p) clasts 50-95% gy- av 1mm vts; py- dis fr small pieces cp- wk dis fr																							
			9.14	12.19	3.05	PPEG	X	0	0	0	0	0	0	0	0	0	0	0	0	9.14	12.19	3.05	930			
			9.14	12.19	3.05	PGBR	X																			
			9.21-11.4cm shear stringing; clasts- mostly pp; dr clasts below 10.64m																							
			12.19	15.24	3.05	PPEG		0	0	0	0	0	0	0	0	0	0	0	0	12.19	15.24	3.05	931			
			PPEG- med gray, fine-med grd fr 9wk mf in an optenitic matrix, minor clasts < 2cm dr, below 13.10 10.7 fr pln to rounded pp, minor qz pln																							
			15.24	18.28	3.04	PPEG	X	0	0	0	0	0	0	0	0	0	0	0	0	15.24	18.28	3.04	932			
			PPEG- as above																							
			at 18.28 CDN-CGS 21																							

# DRILL HOLE LOG

Hole: NICKET 10-03 Zone: \_\_\_\_\_  
 Northing: \_\_\_\_\_ Easting: \_\_\_\_\_ Elevation: \_\_\_\_\_  
 Drilling Dates: \_\_\_\_\_ Logged by: \_\_\_\_\_  
 Length: \_\_\_\_\_ Core Size: \_\_\_\_\_ Casing: \_\_\_\_\_ (m) in/out

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Visual Log			From	To	Interval	Unit	Alteration and Mineralization													From	To	Interval	Sample		
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MC	FR		(m)	(m)	(m)	Number		
			18.28	21.34	3.06	PPFG X	0	0	0	QW	0	W	DT	0	W	OW	0	S		18.28	21.34	3.06	934		
			20.86	21.34	0.48	PG BR X	0	0		#S	0	#S	0	0	0	0	0	X							
			as pres light gray-toned green (fx-wkmm); 1:1 frabc to brashr near lat; PG BR matrix cy+ca > 70 clasts < 2mm; fit - 55° clasts in br-dk green v. fine grained - alt PPFG?																						
			21.34	24.38	3.04	PPFG X	0	0	0	W	0	W	0	0	T	W	D	M	M	21.34	24.38	3.04	935		
			21.34	24.20	2.86	PG BR X	0	0	0	#M	0	0	0		T	0	0	X							
			PR BR - 25% milled matrix >> clast bands to 25cm separated by br. ix, 55° below lat fit - vn - 3cm, 60° CA > PG pink; dk green gr. v. fine grained																						
			24.38	27.43	3.05	PPFG X	0	0	0	0	0	0	0	0	T	W	D	S	M	24.38	27.43	3.05	936		
			24.78	27.43	2.65	DIOR X	0	0	0	PH	0	T	0	0	T	W	D	S	M						
			PPFG - lat 10°, 10% - 1 to 4mm pln fx in very fine and med gr. matrix; DIOR: med gr. 3mm - 3.5mm below fine-med gr. mt - hb 15-20% fx - dr + vt - 2-dykes < 8cm PPFG - 50°																						
			27.43	30.18	3.05	DIOR X	0	W	E	W	P	W	P	S	W	D	T	0	T	W	D	S	30.18	30.18	937
																							30.18	30.18	938
			31.0m - 100% vn - 2a - 10 (minor) py vt ± qz ± #3 en; rare abut,																						
			30.48	33.53	3.05	DIOR X	0	0	W	P	W	P	W	W	T	0	0	0	W	D	S	W	33.53	33.53	939
			31.02 - vn - 4cm, 65° ble - MS alt? 10% py vt, below der ble now 3cm with 5% dis. py; dr - overall dk green color - fx - dk green slight soft - mm; wk stlc in m vt - bl - 10 - 2001 MS; wk py + ms vt																						
			33.53	36.58	3.05	DIOR X	0	0	T	P	W	P	M	T	0	0	W	W	D	S	W	36.58	36.58	940	
			DG - dk - fx + mf (hb) alt tr mm (v wk); hb - to 5mm 20-30%																						
			36.58	39.62	3.04	DIOR X	0	0	W	P	W	P	M	T	0	0	0	W	F	D	S	W	39.62	39.62	941
			DR - dark - propylitic - alt fx - m + wk; white fr - ble to wk, MS + py (w)																						

# DRILL HOLE LOG

Hole: NIKKT 10-03

**Zone:**

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Nothing:

**Easting:**

**Elevation:**

**Drilling Dates:**

Logged by:

**Length:**

**Core Size:**

**Casing:**

(m) in/out

Depth:

Dip:

**Azim:**

Visual Log			Alteration and Mineralization																Sample							
V	S	(m)	From (m)	To (m)	Interval (m)	Unit																	From (m)	To (m)	Interval (m)	Sample Number
			39.62	42.67	3.05	DIOR X	o	o	<W	<W	PM	<T	DT	o	o	<W	DS	W	39.62	42.67	3.05	942				
41.38-41.54 vein - few flt - 65°, 5mm band f.w. un-shr ms-stg vct fr to blc x-misc vck. 1~10% py in stg ms; white fr 3-5% <0.5mm blc wider - MS ± py(wk); white filled fr - cy																										
			42.67	45.72	3.05	DIOR X	o	o	<I	<W	PM	<T	o	o	o	<I	DS	W	42.67	45.72	3.05	943				
lvt - white bands (nonf) 5 to 15mm ± py(wk); stl vt py + qs - out 2mm; dk dr py < 5mm. lgt colored bands; qst vct rare to com;																										
			45.72	46.33	0.61	DIOR X	o	o	<2	PW	PM	<T	o	o	o	<2	DS	W	45.72	46.33	0.61	944				
46.33-6+m HTW; pyut+MS up to 5mm, qz 2mm; dk dr - mf - off to c.																										
			46.33	48.77	2.44	DIOR X	o	<W	E	I	PW	PM	<T	o	o	<W	<I	DS	W	46.33	48.77	2.44	946			
stk pyut in MS vts 2cm: 1-2mm; pvt-wk py, to 7mm, 3°; DG-dark																										
			48.77	51.21	2.44	DIOR X	o	<W	<W	PW	PM	<I	o	o	<W	<E	DS	F	48.77	51.21	2.44	947				
d/s cor < 3mm. cb vt; dr pr - vts cr. ms; 5mm qst x sbg mst (tr py)																										
			51.21	54.25	3.04	DIOR X	o	o	<E	PM	o	o	o	o	<T	<I	DS	F	51.21	54.25	3.04	948				
			52.60	54.25	1.65	PPFG X	o	o	<W	PW	?	o	o	o	<F	<I	W	PM	F							
dr-black-minor flt fac; 51.86-flt-45°, br clay matrix > clasts strong PPFG - vct 65° 10cm shra sup cy. 53.0-53.27 - tan colored PP elasts bte dr; PPFG-dk pr. l. blk; cor. gy for ms pvt 2mm;																										
			54.25	54.80	0.55	PPFG X	o	<T	<W	o	o	o	o	o	<W	<W	SM	W	54.25	54.80	0.55	949				
			54.80	57.30	2.50	DR BR X	o	BW	<T	PW	PW	o	o	o	<2	<I	W	o	W							
54.80 vct irreg: dr-wk br; clasts PPFG. s dr non strk clear 20% 55.60-35cm = Vc - irreg to 7mm vls blc - pink wh. 1, 10%; 10gy dr ms+py vt																										

# DRILL HOLE LOG

Hole: NIKKI 10-03 Zone: \_\_\_\_\_  
 Northing: \_\_\_\_\_ Easting: \_\_\_\_\_ Elevation: \_\_\_\_\_  
 Drilling Dates: \_\_\_\_\_ Logged by: \_\_\_\_\_  
 Length: \_\_\_\_\_ Core Size: \_\_\_\_\_ Casing: \_\_\_\_\_ (m) in/out

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Visual Log			Alteration and Mineralization																															
V	S	(m)	From (m)	To (m)	Interval (m)	Unit		K	F	A	Z	M	S	C	T	P	W	P	W		O	D	T	L	A	D	W		O	S	From (m)	To (m)	Interval (m)	Sample Number
			57.30	60.35	3.05	DRBR X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57.30	60.35	3.05	950
			60.05	60.35	0.30	VEIN X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	or 60.35	Blank		951
dr-br < 10 cm clast PPFQ, jagged dr-br - is this narrow dykes PPFQ fr dr? + g stk fr-gy filled; vein - to 60.60 - cut w/break 65° ms alt + 10-15% Lble of strong dis ppy trace-sp?																																		
			60.35	63.40	3.05	DRBR X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.35	63.40	3.05	952
			62.60	63.40	0.80	PPFQ X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
dr-dar gyfr, PP clasts dar to 6tm; PPFQ - light gray glossy matrix fine fr phr, coarse gr phr,																																		
			63.40	66.45	3.05	PPFQ X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63.40	66.45	3.05	953
PP - strong fr-crush rx, spaced av 0.5-1mm, fr-phr tending to rounded fr. slt 45°																																		
			66.45	66.87	0.42	PPFQ X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.45	69.49	3.04	954
			66.87	69.49	2.62	PPFX X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
PPFQ - as above - PPFEX - med-dk gray, ophi. rca, v. fine fr-phr v wk fine phr - lble to lg ~ 7% irreg blebs to kern - qz ms + strong dis coarse py; fr-crushed rx filled; looks like subtle br																																		
			69.49	72.54	3.05	PPFX X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69.49	72.54	3.05	955
PPFX - light thru to dk gray, mottled faint v fine phr, fr 3 wk fine at hbl fr x to cb fr fr, blebs - soft material - alt - MS intrag Py v wk fine dis sm acc to blebs																																		
			72.54	75.89	3.35	PPFX		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72.54	75.89	3.35	956
PPEX - PPEG? - dk green gray, rounded fr-phr-hbl alt to gy dr to weak dk coars - fin alt, patches lt pr - alt - ms alt, fr - ms filled? bc; Py abundant strongest in MS alt lighter gray patches at top.																																		
			75.89	78.74	2.85	PPFQ X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75.89	78.74	2.85	957
			76.90	78.74	1.84	PPFX X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
PPFQ - light gray glassy matrix faint dark phr - fr weak; fr-A-bc ms alt fr-x; lat 45° PPEX - above - bc, alt imp ts blck, fr-MS's blebs ~ 5-8%, locally strong py; fr-implace qu.																																		

# DRILL HOLE LOG

Hole: NIKKI 10-03

Zone:

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Nothing:

**Easting:**

**Elevation:**

**Drilling Dates:**

Logged by:

**Length:**

**Core Size:**

**Casing:**

(m) in/out

**Depth:**

**Dip:**

**Azim:**

[illegible]

# DRILL HOLE LOG

Hole: NIKKI 10-03

Zone:

Page: 06/18

Nothing:

**Easting:**

**Elevation:**

**Drilling Dates:**

Logged by:

Length:

**Core Size:**

**Casing:**

(m) in/out

Depth:

Dip:

**Azım:**

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample						
V	S	(m)	(m)	(m)	(m)		K	F	Q	Z	M	S	C	Y	O	L	CA	EP	CP	GY	PY	MG	FR	(m)	(m)	(m)	Number					
			97.54	102.58	3.04	PPEX			0	B	W	5	W	P	W	0	0	0	0	0	1	2	2	0	A	97.54	102.58	3.04	965			
PP - sec clasts - some rx one mxl after crowded v fine fx phn, fr density, dcr ind width, fr reduced; patch ms - alt wk, still py - fine																																
			100.58	103.63	3.05	PPEX			0	0	W	5	M	P	W	0	0	0	0	0	2	2	1	Q	W	S	100.58	103.63	3.05	966		
PP - 101 bl - alt bands - gy - ms + coarse py 92; qz vn - lam 45° - 75° ms 103.61 - 5cm flt - 45° - matrix, wk alt																																
			103.63	106.68	3.05	PPEG X			0	B	W	0	W	P	M	0	0	0	0	0	1	2	2	Q	S	A	103.63	106.68	3.05	967		
mg - 15cm band black, fr alt rx - looks similar to PPEG; med green gray - wk alt with 10-20% black - fr unalt; coarse black py common 92(w)																																
			106.68	109.73	3.05	PPEG X			0	B	W	0	W	P	M	0	0	0	0	0	1	2	2	Q	S	A	106.68	109.73	3.05	968		
alt - overall wk py, some alt - fine dis py																																
			109.73	112.78	3.05	PPEX X			0	B	W	5	W	P	W	0	0	0	0	0	2	2	1	0	S	109.73	112.78	3.05	969			
			111.73	112.78	1.05	PPEG X			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	W	D	S	A				
PPEX - 6m 37cm - crowded + xphn - 1-3mm s wk mif phn, ants xphn, weak alt ms PPEG - greenish black pp - fine phn (black green) in x after to black matrix ms - fr alt + py - fine on fr; = PP01																																
			112.78	115.82	3.04	PPEG X			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	W	D	S	F	112.78	115.82	3.04	970
mg 1-2%?; v - alt fx + minor hb phn in alt green gray matrix																																
			115.82	118.87	3.05	PPEG X			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	W	D	S	F	115.82	118.87	3.05	971
			118.56	118.87	0.31	PPEX X			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	F	118.56	118.87	0.31	972	
as above, dfr fr phn fx crowded fine grained, minor alt, matrix known alt - ms + py, vt + 65° - alt; below 118.56 - matrix lt gray - fx - pale olive color - wk mm																																

# DRILL HOLE LOG

Hole: NIKKI 10-02

Zone:

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Nothing:

**Easting:**

**Elevation:**

**Drilling Dates:**

Logged by:

**Length:**

**Core Size:**

**Casing:**

(m) in/out

Depth:

Dip:

**Azim:**

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																				From	To	Interval	Sample									
V	S	(m)	(m)	(m)	(m)		K	F	A	Z	M	S	C	Y	L	G	A	E	P	C	P	G	Y	P	Y	M	G	F	R	(m)	(m)	(m)	Number						
			118.87	121.92	3.05	PPEFX X								O	O	<	T	P	W			O	K	T			O	O	O	O	O	F	118.87	121.92	3.05	973			
			light olive color, fine grained fspn + wkpy, 5-10% black calcite at 118? minor - ls clasts; matrix becomes mxk; uct frt at 118.56; PPEG?																																				
			121.92	124.97	3.05	PPEFX X								O	<	W		O	P	N			O	<	W			O	O	O	<	T	Q	W	M	121.92	124.97	3.05	974
			123.50	124.97	1.47	PPEGX X																								D	S			it 124.97 standard CDN-CGS 21	975				
			to above color to 122.10; to 123.50 med gray to black bands overlaid below 123.50 - Black, weak sphri 1cr fr.																																				
			124.97	128.02	3.05	PPEGX X								O	<	W		O	P	W			O	<	W			O	O	O	D	T	O	S	30° F	124.97	128.02	3.05	976
			125.65	126.93		PPEFX X																								Q	W		F						
			125.65-126.92 - olive color (fr) greenish-gray to dark brown; greenish black wk fine plfx do. to lat																																				
			128.02	131.06	3.04	PPEGX X								O	<	T		O	O			O	<	W			O	O	O	D	T	D	S	S	128.02	131.06	3.04	977	
			130.60	131.06	0.46	PGBR IX							#	S			#	S									O	O	X										
			PGBR - uct 65° clasts 1mm - 3cm = claymatrix																																				
			131.06	134.42	3.36	PPEGX X								O	>	W	<	W		O		#	S	P	W			O	O	D	W	D	M	S	131.06	134.42	3.36	978	
			131.06	131.65	0.59	PGBR I							#	S			#	S											O	X									
			PGBR - as above claymatrix >> clasts; to 132.60 shrab wkay matrix at let 5cm clay>>matrix pr; wk dis py = no mg; 1cm qz mv - 65°																																				
			134.42	136.86	2.44	PPEGX X								O	<	W	<	T		O		#	M			O	O	O	D	F	Q	W	A	134.42	136.86	2.44	979		
			135.90	136.50	0.60	PGBR IX																						O	B	2	O	X							
			PGBR - bc - wk br-shr - 1cm ms + strcpx ± 10%; mg 1 cr ltn 0.5m; where 1cc py dr. pg; PPEG - greenish black wk shd fr. m. fspn,																																				
			136.86	138.99	2.13	PPEGX X								O	O	<	2		O	O	<	W	P	T		O	<	T	S	I	D	S	F	136.86	138.99	2.13	980		
			py - tr < fr < mv - ms, qz, py; PPEG greenblack, air-med fr. fspn, ier inc pyrite																																				



# DRILL HOLE LOG

Hole: NIKT 10-03 Zone: \_\_\_\_\_  
 Northing: \_\_\_\_\_ Easting: \_\_\_\_\_ Elevation: \_\_\_\_\_  
 Drilling Dates: \_\_\_\_\_ Logged by: \_\_\_\_\_  
 Length: \_\_\_\_\_ Core Size: \_\_\_\_\_ Casing: \_\_\_\_\_ (m) in/out

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[illegible]



# DRILL HOLE LOG

Hole: NIK 21 K-03

**Zone:**

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Nothing:

**Easting:**

**Elevation:**

**Drilling Dates:**

Logged by:

**Length:**

**Core Size:**

### Casing:

(m) in/out

Depth:

Dip:

**Azım:**

Visual Log			Alteration and Mineralization																												From To Interval Sample							
V	S	(m)	From (m)	To (m)	Interval (m)	Unit																													(m)	(m)	(m)	Number
			158.50	161.54	3.04	PPFG X	K	E	Q	Z	M	S	C	Y	C	L	C	A	E	P	C	P	G	Y	P	Y	M	G	F	R	158.50	161.54	3.04	990				
							ms+py vt < 1-2mm; az < 1mm width; py fr (rare)																															
			161.54	164.59	3.05	=	X	E	W																									161.54	164.59	3.05	991	
							15cm band - weak kf (pink) + qz alt - flooding en fr (?); ca = cb; kf in 15cm strong fine fr (ms' alt')																															
			164.59	167.64	3.05	=	X																											164.59	167.64	3.05	992	
							25cm band - matrix v pale green, med phn-dk graco-hb to cy(?); CB-? possible wk ms alt																															
			167.64	170.69	3.05	=	X																											167.64	170.69	3.05	993	
																																				rt 170.69 Blank	994	
							169.10-169.30-ft uct 30° 1-2cm clay on uct & lat, internal wk br, CA-CB or CY+CA alt?																															
			170.69	173.74	3.05	=	X																											170.69	173.74	3.05	995	
							fine white x phn - in places possibly pink = k <sup>+</sup> ; 172.35 ft 13cm clest 1mm in clay matrix, 80°;																															
			173.74	176.78	3.04	=	X																											173.74	176.78	3.04	996	
			175.60	175.72	0.12	YEIN	X																															
							msyt 0.5-3mm av 1mm, no assoc py; occ 5-10mm ble band - cr around ris vt - dk green pln - pt - hb? - wk alt; Vein sharp cts, pink. AH ~ 25% replaced by Gf - 75%																															
			176.78	179.83	3.05	=																												176.78	179.83	3.05	997	
							interstitial(?) white fine mineral - fx - possible kf (?), 100 py - dry fr 3.000 3.000 vt, msyt - no py																															

Hole: NIKKI 10-93 Zone: \_\_\_\_\_  
 Northing: \_\_\_\_\_ Easting: \_\_\_\_\_ Elevation: \_\_\_\_\_  
 Drilling Dates: \_\_\_\_\_ Logged by: \_\_\_\_\_  
 Length: \_\_\_\_\_ Core Size: \_\_\_\_\_ Casing: \_\_\_\_\_ (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			Alteration and Mineralization																																													
V	S	(m)	From (m)	To (m)	Interval (m)	Unit																					From (m)	To (m)	Interval (m)	Sample Number																		
			179.83	182.89	3.05	PDEG X?	K	F	Q	Z	M	S	C	Y	A	I	C	A	E	P	C	P	G	Y	P	Y	M	S	F	R		179.83	182.89	3.05	998													
			15cm band - blc 15% 1-3mm phn-green black 50 <sup>st</sup> (mm) in a gray aph matrix. Pine white fr. in places looks slight pink - k <sup>+</sup> ?; ep-on fr;																																													
			182.89	185.23	3.05	= X?	Z	W	L	W	O	P	W	L	W	L	W	O	?	E	W	D	S	A															182.89	185.23	3.05	339						
			184.83	185.02	0.19	VEIN X	V	S	O																				D	D																		
			vein - 75°																																													
			185.93	188.99	3.05	= X?	O	L	W	E	T	P	W	L	T	L	W	O	O	L	T	D	S	=															185.93	188.99	3.05	G0559006						
			vt ms der < 0.5mm av. minor ble (wk) en																																													
			188.98	192.02	3.04	= X?	L	W	E	W	E	W	?	L	T	O	O	L	T	L	W	D	S	F															188.98	192.02	3.04	J9B1000						
			qvz < 2mm en ms 3cy - first appearance; some ms vt-wk; en ble + cy-v veins																																													
			192.02	195.07	3.05	= X?	O	L	F	E	T	?	L	T	O	O	?	L	T	D	S	F															192.02	195.07	3.05	001								
			ms vt - hairlike to 5um, occ v wk at en; py weakens																																													
			195.07	198.12	3.05	= X	E	W	E	T	L	W	E	T	P	L	O	L	W	O	O	L	T	D	S	F															195.07	198.12		002				
			kf - 5mm bard graphic qz+pf. and minor pink graphic kf rep; at 195.07 & 198m. 1mm ep fr with pink kr irregular; dis pink kf - 10/c. msvt & lock py																																													
			198.12	201.17		X	E	T	O	L	W	E	W	P	W	L	T	L	W	?	L	T	L	W	D	S	F															198.12	201.17		003			
			kf - dis in bands ~ 30cm wide where msvt present, assoc ep & seen in ms cp vt with wk en pink kf; py-dry fr																																													
			at 201.17 004 Standard CDN C 95-61																																													

Hole: NIKKI 10-03 Zone: \_\_\_\_\_  
 Northing: \_\_\_\_\_ Easting: \_\_\_\_\_ Elevation: \_\_\_\_\_  
 Drilling Dates: \_\_\_\_\_ Logged by: \_\_\_\_\_  
 Length: \_\_\_\_\_ Core Size: \_\_\_\_\_ Casing: \_\_\_\_\_ (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log				Alteration and Mineralization																From To Interval Sample																			
V	S	(m)		From (m)	To (m)	Interval (m)	Unit		K	F	A	Z	M	S	C	Y	C	L	C	A	E	P	C	P	G	Y	P	Y	M	G	F	R	(m)	(m)	(m)	Number			
				20117	20122	3.05	PPEG	X	<	T	<	W	<	W	E	W																		20117	20122	3.05	005		
				20140	20150	0.10	VEIN	X																															
Vein: 65° wet 5cm ms with 1cm py band on let 5cm fault br-clay, fine, clay 1cr fr; vtms - rare py, white <0.5-5mm d/lens; minor caen(?), 24 cr. often pale-mid green																																							
				20422	20726	3.04		X	B	T	>	W																											
fr - ool. slk; msyt - most <2mm, no py, white, a few up to 4cm ms + qtz + py qvt + py ~ 1cm																																							
				20726	21031	3.05		X																															
ca - to wall msyt - alt; ep - ca <0.5mm msyt																																							
				21031	21336	3.05		X	B	T																													
der. msyt & py; enrg - wk fite d kgreen cy;																																							
				21336	21641	3.05		X	B	T																													
der - msyt																																							
				21641	21946	3.05																																	
sp - ca on msyt																																							
				21946	22159	2.13																																	
219.50 - 10cm ft - clay 70 clasts, 60°(?)																																							

Hole: NIKKI 10-03 Zone: \_\_\_\_\_ Page: 12 / 18  
 Northing: \_\_\_\_\_ Easting: \_\_\_\_\_ Elevation: \_\_\_\_\_  
 Drilling Dates: \_\_\_\_\_ Logged by: \_\_\_\_\_  
 Length: \_\_\_\_\_ Core Size: \_\_\_\_\_ Casing: \_\_\_\_\_ (m) in/out

Depth:			
Dip:			
Azim:			

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample			
V	S	(m)	(m)	(m)	(m)		K	F	Q	Z	M	S	C	Y	CL	CA	EP	CP	GY	PY	MG	FR	(m)	(m)	(m)	Number			
			221.59	223.42	1.83	PPEG X	0	0	0	<W	0	/	E	W	0	0	?	0	?	D	T	D	S	W	221.59	223.42	1.83	013	
			222.16	223.42	1.26	PG BR X	0	0	0	0	#	50	#	10	0	0	0	0	0	0	Q	S	X						
			FTZ net - 40cm br-clay gouge = clasts, at lot - 5cm clay minor fine clasts, between strong fr-br, fit 45°)																										
			223.42	225.55	2.13	=	X	D	T	0	<W	<W	/	#	W	E	F	0	0	<W	D	S	X	223.42	225.55	2.13	014		
			fit 223.45-15cm clay gouge, weak clasts, strong; fit-224.0-8cm clay gouge; der fr near lot																										
			225.55	228.60	3.05	=	X	A	W	0	<W	-W	/	0	D	W	0	0	D	T	D	S	M	225.55	228.60	3.05	015		
			graphic pf (?) replaced by k <sup>+</sup> ; black coarse k <sup>+</sup> +qz; ~30% matrix light tr-cryst 5-15% dark brown fine-grained plin-hbl+oxy min)																										
			228.60	231.65	3.05	=	X	D	T	0	<F	<W	/	0	D	T	0	0	D	T	D	S	F	228.60	231.65	3.05	016		
			below 230.8 icr fr-M; vtnis-whiccl-2mm (rare lam-no py);																										
			231.65	234.70	3.05	=	X	D	T	0	<W	E	W	P	M	0	D	W	0	0	D	W	D	S	S	231.65	234.70	3.05	017
			fr. above 232.70 = W; ~231.0-233.50 - light colored matrix 10-15% alt hb -clay fr-mingard, vtnis as top set m; fit 232.70-18cm br-wk <sub>70</sub> ? possible uet depp																										
			234.70	236.83	2.13	=	X	T	0	>F	<W	0	/	E	W	D	F	0	<W	D	F	D	S	F	234.70	236.83	2.13	018	
			at 236.83																										
			notable icr dis py & ep; cas wall msyt																										
			236.83	239.88	3.05	=	X	D	T	<W	<W	E	T	/	E	T	E	W	0	<T	D	W	D	S	M	236.83	239.88	3.05	020
			wide band-matrix pale green gray with 10-15% med-grd hb=clay; msyt-rare py; 239.15 ft-3cm clay gouge																										

# DRILL HOLE LOG

Hole: NIKKI 10-03

**Zone:**

Page: 1311A

Nothing:

**Easting:**

**Elevation:**

**Drilling Dates:**

Logged by:

**Length:**

**Core Size:**

### Casing:

(m) in/out

Depth:

Dip:

**Azim:**

Visual Log			Alteration and Mineralization																															
V	S	(m)	From (m)	To (m)	Interval (m)	Unit																									From (m)	To (m)	Interval (m)	Sample Number
			239.88	240.93	1.05	PREG X D F O < W O P M < T D T O O < W D S V																									239.88	242.62	2.74	021
			kf - replacing graphic pf																															
			240.93	242.62	1.69	FELS X D T O O O O O Z M O O O O O X																												
			not - 5cm flt br-gouge with < 2.3mm clasts; 242.65-242.33-ftzn-3 bands < 5mm ca of clay gouge with fine clasts; FELS(?) - dark greenish gray micro xl v fine fx phn (weak) grading into olive-gray graphitic rock																															
			242.62	245.67	3.05	FELS X O O O O O Z M O O O O O A																									242.62	245.67	3.05	022
			243.40	245.67	2.27	PREG X D Z < W < T O P M P F D F O O < W D S F																												
			flt - 242.62-3cm clay gouge with clasts 46"; 243.40-86-shr br bands of cnts 60; middling bc-rock; PP-graphic fx-most looks like kf; PP mid dk gray																															
			245.67	248.41	2.74	PREG X D W < T < T O P M < W D T < T O < W D S M																									245.67	248.41	2.74	023
			at 248.41 Blank																											024				
			CA = CB(?) vte to imm - kf-replacing graphic pf, (CB?) possibly at along black fr																															
			248.41	249.94	1.53	X O < W < T O P M O O O < T < W D S W																									248.41	249.94	1.53	025
			249.94	252.98	3.04	X ? O < T E T P M < T O O < T < T D S F																									249.94	252.98	3.04	026
			kf - graphic ix to kf?																															
			252.98	256.03	3.05	X <sup>F</sup> W O < T < W P M < T D T < T < W < T Q A																									252.98	256.03	3.05	027
			254.0-d/s 30cm highly fr-wk flt; < 2mm white vt-by occasional gyl or is this v wk nst; fr below 254.0m;																															

# DRILL HOLE LOG

Hole: NIKKI 10-03

**Zone:**

Page: 14/18

Northing:

Easting:                      Elevation:

**Elevation:**

**Drilling Dates:**

Logged by:

Length: \_\_\_\_\_ Core Size: \_\_\_\_\_ Casing: \_\_\_\_\_ (m) in/out \_\_\_\_\_

**Core Size:**

**Casing:**

(m) in/out

Depth:

Dip:

Azim:

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		KF	QZ	MS	CY	CL	CA	EP	CP	GY	PY	MG	FR		(m)	(m)	(m)	Number			
			256.03	259.08	3.05	PPFG	0	W	>W	<W	EW	/	<T	DT	0	<T	DT	DS	A	256.03	259.08	3.05	028			
fit - 256.92 - ~5cm br. wk clay; major change matrix PP - med gray / other. than dk gray green																										
			259.08	262.13	3.05	==	<W	0	<T	<W	/	EW	DT	0	<T	<W	DS	M		259.08	262.13	3.05	029			
matrix - med gray																										
			262.13	265.18	3.05	==	X	QZ	0	<T	<W	/	EW	<T	0	<W	<W	DS	F	262.13	265.18	3.05	030			
matrix med dk gray; fr - dis fr to 9cm band (replacing matrix)																										
			265.18	268.22	3.05	==	<W	0	<T	<W	/	<T	DT	0	<W	<T	DS	F		265.18	268.22	3.05	031			
PP - med gray; br. green; 265.65 - 15cm ground core - matrix med dk gray																										
			268.22	269.75	3.05	==	DT	0	<T	<W	/	<T	0	0	<W	<W	DS	W		268.22	269.75	3.05	032			
1/4 split sample 033																										
			269.75	272.80	3.05	==	0	0	<T	EW	/	EW	DT	0	<T	EW	DS	W		269.75	272.80	3.05	034			
PP - mostly med gray; p. n. fine gr. med gray; 271.28 - fit 8cm sh. fr. 45°; change character to PP? fr. 10°																										
			272.80	275.84	3.05	==	DT	0	<T	<W	/	EW	<T	0	<T	DT	CA	F		272.80	275.84	3.05	035			
mg - patches 20% + 20%; 272.88 - 273.30 - fit br. matrix - clasts not 20% but 45°; 274.6 d/s 40cm strong fr fr ± 0-10°																										

Page: 15

**Elevation:**

Logged by:

(m) in/out

**Azim:**

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample								
V	S	(m)	(m)	(m)	(m)		K	F	Q	Z	M	S	C	Y	CL	CA	EP	CP	G	Y	P	Y	M	G	F	B	(m)	(m)	(m)	Number				
			215.84	278.88	3.05	PDEG			0		0	<	T	<	F	/	E	W	<	T		0	<	T	B	W	O	A	F	215.84	278.88	3.05	036	
mg - a few bands mg-O; pyrt en white cy?; PP - tending to light gray microxl;																																		
			278.89	281.94	3.05				0		0	<	T	<	W	/			<	W	?		0	<	T	<	W	D	S	W	278.89	281.94	3.05	037
cp? - right color but soft pyrt + y wk ms en a outwards white cy on 281.2 d/s 1cr fr ± 10°																																		
			281.94	283.46	1.52				0		0		0		0	/	P	W	B	F		0		0	B	F	D	A	F	281.94	283.46	1.52	038	
mg - intensity dec?; 282.94 d/s sectioning straight 10-20°; med gray color; microxl - v fine grained matrix, dk green alt (bb-rt) phn accret to core; 1cr cp & py																																		
			283.46	286.51	3.05				0		0	>	1	?	/		>	W	B	W	D	T		0	<	F	D	S	W	283.46	286.51	3.05	039	
284.46 - 285.0 - wk flt - shear 10-20°; white bands - up to 2cm, av 3mm esp py core, often wk = wk ms alt = cor?; light gray matrix - phn wk - alt mf 60 percent - fr;																																		
			286.51	289.56	3.05				0		0	<	W	?	/		<	T	B	W		0		0	<	W	D	S	A	286.51	289.56	3.05	040	
286.91 - 287.32 - fr = S wk flt; 289.40 - 1cm 10° br - wk flt; PP - mxl to near; white band = cy																																		
			289.56	292.61	3.05		X	D	T		0	<	T	<	W	/		<	W	B	W		0	<	T	<	W	D	S	F	289.56	292.61	3.05	041
			292.23	292.57	0.34	FELS	X			0	<	W		0	<	W		0	<	W		0		0	<	T		0		W	at 292.61			042
note - graphic fr; Fels - uct 60° lat 40°; lite greenish gray aphanitic																																		
			292.57	295.66	3.09		X																							292.61	295.66		043	
med lite gray matrix, mxl matrix, mafics - 15-20°																																		



Hole: NIKKI 10-03

**Zone:**

Page: 16/18

Nothing:

**Easting:**

**Elevation:**

**Drilling Dates:**

Logged by:

**Length:**

**Core Size:**

**Casing:**

(m) in/out

Depth:

Dip:

**Azim:**

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample								
V	S	(m)	(m)	(m)	(m)		R	F	Q	Z	M	S	C	L	C	A	E	P	C	P	G	Y	P	Y	M	G	F	R	(m)	(m)	(m)	Number		
			295.66	298.70	3.04	PPEG-X	T		O	<	W	<	W	/		O	'	W		O	<	T	<	N	D	S	W		295.66	298.70	3.04	044		
							lite-med gray color matrix mix L; ap-right color but < G hardness -																											
			298.70	301.75	3.05	PPEG-X	P	F		O	<	T	<	T	/		O	P	W		O	<	T	<	T	D	A	W		298.70	301.75	3.05	045	
							leucocratic dyke up to 2cm wide // core axis at top ~ 1.3m length dyke often kf string																											
			301.75	304.80	3.05	PPEG-X		O		O	<	T	<	T	/		<	T		O		O	O	D	T	D	S	W		301.75	304.80	3.05	046	
			302.35	304.80	2.45	PPEX-X		O		O	#	A		O	>	W		O		O		O	D	T		O	S							
							ppfg - wk green cy or fr - ap looking but soft, matrix v fine grnd; PPEX - dyke wot 45°, dk green v fine grnd matrix with f-med grnd fra rare fine hb?; 2 bgs of br - total 1m																											
			304.80	305.23	0.43	PPEX-X		O		O	#	W		O	<	W		O		O		O	D	T		O	A		304.80	307.85	3.05	047		
			305.23	306.18	0.95	PPEG-X		O		O	<	T	/		<	T		O		O		O	D	T	D	S	M		at 307.85			048		
							PPEX - as above, lat 45°; PPEG - still MN matrix																			Standard CON-025-23								
			306.48	307.85	1.37	DRPP-X		O		O		O	<	W	/		<	W	<	W		O		O	D	T	D	A	M					
							cy vt - white veining - possible ms + cas; ep - green op actinolite rich possible 1st #; DRPP: fine-med grnd - fin; 307.50 - slit wk 2cm clay gouge																											
			307.85	310.90	3.05	=		O		O	<	T	<	F	/		<	W	O	W		O		O	O	W	D	S	F		307.85	310.90	3.05	049
							ms py vt with cyan secn; kf-dis-interstitials to loc MV DR - matrix fine med																											
			310.90	313.94	3.04	=		O		O	<	T	<	F	/		<	W	O	W		O		O	O	W	D	S	45 W		310.90	313.94	3.04	050
							kf - interstitial fra to loc kf + k <sup>+</sup> vn'; DR - matrix v fine med slight hb-f-med.																											

# DRILL HOLE LOG

Hole: NIKKI 10-03

**Zone:**

Page: 1718

Nothing:

**Easting:**

**Elevation:**

Drilling Dates:

Logged by:

**Length:**

**Core Size:**

**Casing:**

(m) in/out

Depth:

Dip:

**Azim:**

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample											
V	S	(m)	(m)	(m)	(m)		K	F	Q	Z	M	S	C	Y	C	L	C	A	E	P	C	P	G	Y	P	Y	M	G	F	R	(m)	(m)	(m)	Number			
			313.94	316.99	3.05	DRPP	X																									313.94	316.99	3.05	051		
314.14 - 314.60 - 7cm oct & 4cm lat - felsite bands ~ 65° / int. gray phenitic w/ n. fine f. phn; matrix - fine grd, same as seen up hole in PPEG. kf-dis, fr - 15mm/vn																																					
			316.99	320.04	3.05	=	X																										316.99	320.04	3.05	052	
FELS - 3cm band; msyt-syen - PPDP - similar to above; bands strong. dis kf:																																					
			320.04	323.09	3.05	=	X																										320.04	323.09	3.05	053	
matrix - v fine and - m. xl < 15% (f), tr bi; kf-dis, fr to 2mm; ngest dis 2% (?)																																					
			323.09	326.14	3.05	=	X																										323.09	326.14	3.05	054	
Fels - 323.60 - 20cm - oct 45° vfgd, pink color - kf flooding; at 326.14 Blank																																					
			326.14	329.18	3.04	=	X																										326.14	329.18	3.04	056	
sp? - right color but matrix too soft -																																					
			329.18	332.23	3.05	=	X																										329.18	332.23	3.05	057	
mg - weakening?; sp?; kf-dis - very wk replacing p? (f)																																					
			332.23	335.28	3.05	=	X																										332.23	335.28	3.05	058	
332.45 - 1cm ms mv with ms + py en below mv - cxb; DE - dark fine and a bit of dr; bands 3-25cm fine and dr; B-shr - fr to 1cm w 45°																																					

# DRILL HOLE LOG

Hole: NIKKI 10-03

**Zone:**

Page: 18/18

Nothing:

**Easting:**

**Elevation:**

**Drilling Dates:**

Logged by:

**Length:**

**Core Size:**

**Casing:**

(m) in/out

**Azim:**

Dip:

### Azim:

Visual Log				Alteration and Mineralization																								From To Interval Sample																										
V	S	(m)		From (m)	To (m)	Interval (m)	Unit																									(m)	(m)	(m)	Number																			
				335.28	338.33	3.05	DRPP	K	F	Q	Z	M	S	C	Y	C	L	C	A	E	P	C	P	G	Y	P	Y	M	G	E	R	335.28	338.33	3.05	059																			
																																		at 338.33		060																		
								bands 3-25 cm wide - 2-3 grd df; shr (g) - 1 to 1 cm, 25°; fgrd df non magnetic; 1 matrix in place of bands.																												Standard CON-2				6523														
				338.33	341.07	2.74	=	D	T																								338.33	341.07	2.74	061																		
								340.15-340.25 - flt 55° strong shr; fr 1 cm to h/w flt; dr - 20 cm fgrd band at top																																														
				341.07	343.81	2.74	=	D	T																								341.07	343.81	2.74	062																		
				342.75	343.40	0.65	VNCA																																															
								341.65 ft - 4 cm br clasts >> matrix 35°; VNCA - d/s vct shr-wk br grading to 10 cm br at let; VNCA - 1-2 cm; dark drpp																																														
				343.81	346.86	3.05	=	Q	W																									343.81	346.86	3.05	063																	
								344.35-344.45 VNMS - 40° - br < 1 cm on into 40° lms, wk, dispy;																																														
								345.23 VEIN 5 cm 1 cm flt 6° on lower contact i/s + qz + pervasive 76 wkpy;																																														
								ep - pale green, circular vct to 345 - 5°.																																														