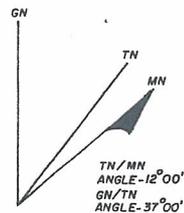


• Proposed New Drill Holes 2009  
 5 cm

**SHREE MINERALS LIMITED**  
 NELSON BAY RIVER Southern Grid  
 EL 41/2004 (Map Base Geopecko 1981)  
 Report Date JULY 2009

+ Baseline & Cross Lines 2008



	A DIV'SI 0 100 200 SCALE 1 5000
	DATE JULY 1991
GEOLOGIST W.H	E.L.I./
DRAWN R.T.G.	

DRILLING LOG 7  
TITLE PAGE

PROJECT: NELSON BAY RIVER

EXPLORATION LICENSE: 41/2004

HOLE No: NBR # 7 → on section 8 east of NBR# 3

CO-ORDINATES 

n 5442	427	415	419
e 0310	291	288	286

 separate readings: GAS on 3 separate times

LOCAL GRID: N10100 E10082

AMG: 94

RL COLLAR: ≈ 75m?

AZIMUTH: 050°

INCLINATION: 45°

DEPTH: inclined 108.40 m E of Hole

HOLE SIZE

TO (m): 0 - 24.3m HQ  
Size: 24.3 - 108.40 NQ E of Hole

Commenced: Friday 3 April 2009

Completed: Wednesday 8 April 2009

Logged: W. HARPER

Drillers: Hmae Drilling (Van Diemen Holdings) Max Harvey Drillers: Dayle Mears Harper Allan Lyett

Drill Type: AD 900 4 years old. Truck mounted, core only.  
copy of CS1000 (New Zealand made)  
Chuck driven by hydraulics



ZELOS RESOURCES NL

Sheet No: 2/2 (A)  
#7

DRILL CORE LOG A #7

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B./C.V.A C.V.A	ALTERATION					SAMPLE ASSAY DATA							
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S No	Agp/HM	Fe%	Mg
20-2.0m					56.30-76.50 ORE ZONES	M300	2m	0.5m	1m	0.1m			4040101			55	19.7	373	3.1
							93-95	also	98-99	99.50	100.50	also 103.6m	102			56	36.5	353	3.2
					M4-BI locally to over 50% of core locally massive dense dark gy to black.								103			57	41.2	*	3.1
					areas of mottled mid to light green actinolite - tremolite								104			58	47.8	297	
					some minor QZ VN irregular pattern major structure Breccia SO								105			59	17.7	6.2	
					clusters of 2 m diameter black cubic crystals of M4								106			60	40.5	282	3.4
					else white locally granular in swirl pattern intermixed with matrix minerals								107			61	43.0	*	3.3
					QZ CL on fractures & local clusters of fine pink clusters of M4 quartz								108			62	41.5	238	
					Core mostly competent with good recoveries.								109			63	47.4	753	3.3
													110			64	42.8	631	3.6
					56.30-65.00 - light pink - light gn matrix								111			65	49.1	*	
					65.00-70.60 - dark gy - mte with dense magnetite.								112			66	26.8	129	
					70.60-73.00 - BI & pink mte.								113			67	28.9	4.27	3.0
					73.00-73.30 - light green M4 (tremolite?)								114			68	15.6	14.80	2.7
					73.30-75.40 - mixture of colour bands of dark gy, gn, pink, & light grey.								115			69	27.6	62.3*	
					75.40-77.20 - light grey & matrix stained QZ								116			70	50.8	357	3.0/3.6
													117			71	48.5	*	*
					<u>CONTACT ZONE</u>								118			72	39.2	401	3.7
					76.50-79.50 Shaly zone? minor M4, BSO greenish with QZ CL?								119			73	40.9	305*	3.8
													120			74	42.6	612*	4.1
					79.50-83.00 SL of Brecciated SL re emerging SL country rock & bedding & laminations								121			75	48.7	995*	
					82.60-83.7m (10cm) zone of M4								122			76	19.2	16.3	2.7
					83.00-91.50 SL dark gy - black with sp. white laminations off to bedding and varying to 45° to bedding														* off scale = 999+
					91.50-91.60 QZ 10mm glauc.														
					91.60-92.60 SL gray hard rock														
					92.60-93.00 SL dark gn CL zone														
1.8m					93.00-94.00 ORE ZONE M4 locally massive, 75% of semi massive to 33%														
					94.00-95.30 Matrix yellow-green tremolite?														
					95.30-98.50 Mottled Brecciated SO dark rock & M4 xlate to 2mm														
					98.50-98.80 hard exposed SL dark grey to M4 CL & CL on fractures?														
0.3m					98.80-98.90 ORE ZONE M4 semi massive to 33% with yellow-green M4 tremolite?														
					98.90-99.50 CL rich zone dark gn														
1.0m					99.50-100.50 ORE ZONE M4 semi massive to 33% with yellow-green M4 tremolite?														
					100.50-102.50 CONTACT ZONE SL BSO mix of SL grey hard & mixed fractures														
					102.50-105.00 SL with bedding and 10cm magnetite M4 @ 103.6														
					105.00-106.00 SL with 3x QZ VN across core dark gn CL?														
					106.00-106.50 SL - BSO CL SL at zone & CONTACT														
					106.50-108.4 SL - sp. dark gn - 8/10 - SL country rock & laminations														
					Eg hole														

W m s W m s W m s W m s W m s

ZELOS RESOURCES NL

NBR # 7  
Sheet No: 1/2 (B)

$\bar{x}$  of 5 readings/m

DRILL CORE LOG B

DEPTH (m)	SAMPLE ASSAY DATA					Magnetic Susceptibility	COMMENTS
							STIC Exploration Kappameter KT-9 Made in 2007 Units: $S.I \times 10^{-3}$
30	to	31	1m interval			0.73	
31	to	32				1.31	
32	to	33	etc			1.20	* off scale readings are over 999
33						1.58	
34						1.57	
35						1.03	
36						1.31	
37						1.50	
38						1.04	
39						16.2	
40						2.36	
41						50.3	
42						23.8	2.6
43						1.61	
44						1.58	
45						1.17	
46						2.26	
47						1.99	
48						2.96	
49						1.50	
50						2.03	3.0
51						0.92	
52						2.30	
53						4.19	
54						2.04	3.3
55						3.73	3.4
56						353	40 101 19.7 3.1
57				*	*	⊗	40 102 36.5 3.2
58				*	*	297	40 103 41.2 3.4
59				*	*	6.20	40 104 47.8
60						287.0	40 105 17.7
61				*	*	⊗	40 106 40.5 3.4
62				*	*	238	40 107 43.0 3.3
63				*	*	753	40 108 41.5
64				*	*	631	40 109 47.4 3.3
65				*	*	⊗	40 110 42.8 3.6
66						129	40 111 49.1
67						4.27	40 112 26.8
68						14.8	40 113 28.9 3.0
69				*	*	62.3	40 114 15.6 2.7
70				*	*	357	40 115 27.6
							40 116 50.8 3.0/3.6

# ZELOS RESOURCES NL

NBR # 7  
Sheet No: 2/2(3)

\* of 5 readings

## DRILL CORE LOG B

DEPTH (m)	SAMPLE ASSAY DATA				Magnetic Susceptibility	COMMENTS	Core Sample	Fe %	S <sub>G</sub>
			off scale ↓						
71			*	*	(*)	all readings off scale	40 117	48.5	
72			*	*	401		40 118	39.2	3.7
73			*	*	305	* 3 reading off scale	40 119	40.9	3.8
74			*	*	612	* 3 " " "	40 120	42.6	4.1
75			*	*	995	* 3 " " "	40 121	48.7	
76					16.3		40 122	19.2	2.7
77					1.78	core loss	40		
78					3.11		40		3.0
79					1.41	core loss			
80					0.88	core loss			
81					2.02				
82					19.10				
83					1.87				
84					3.46				3.0
85					2.33				
86					2.25				
87					1.78				
88					2.66				
89					1.08				
90					1.56				
91					3.36				
92					6.05				
93			*	*	296	* 2 readings off scale			
94			*	*	360	2 " almost off scale			3.5
95					5.15				
96					0.10				
97					0.22				
98					2.62				
99					42.0				
100					465.0	1st reading 1.0 so averaged the others down			
101					1.12				
102					1.94				
103					10.5	1 reading 300 @ 103.60m (5m vein)			
104					2.33				
105					7.87				
106					24.5				
107					3.33				
108	7.5	102			1.54				
	108.4	End of Hole							

# DRILLING LOG 8 TITLE PAGE

PROJECT: NELSON BAY RIVER

EXPLORATION LICENSE: EL 41/2004

HOLE No:

NBR #8

→ on section & east of NBR#4

CO-ORDINATES

UTS  $\begin{array}{l|l|l} \textcircled{3} & \textcircled{1} & \textcircled{2} \\ 5442.451 \text{ N} & 465 & 460 \\ 0310.209 \text{ E} & 211 & 220 \end{array}$  separate readings & CPS on separate dates/times

LOCAL GRID:

N 10 200 E 10 050

AMG: 94

RL COLLAR: 2 14 ?

AZIMUTH:

050°

INCLINATION:

-45° (Camera at 67m -42° vs zenith)

DEPTH:

inclined 125.5m E of hole

HOLE SIZE

TO (m):

HQ 0.0 - 18.00m

Size:

NQ 18.00 - 125.50m E of Hole

Commenced:

Sat. 11th April 2009

Completed:

Wed. 15th April 2009

Logged:

W. HARPER

Drillers:

Alma (Max Harvey) Driller: Max Harvey Helper: Ron Capan

Drill Type:

AD 900 Tracked Mounted drill rig

ZELOS RESOURCES NL

NBR #8  
Sheet No: 1/2 (A)

DRILL CORE LOG A ♂

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B./C.V.A C.V.A	ALTERATION					SAMPLE ASSAY DATA						
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	Cu	Pb	Zn
0	2	100			0.0 - 35.0m OXIDISED ZONE													
2	4	100			0.0 - 570m SL weathered & much fractured OZ H3													
4	6	95			assort of colours gy light - r Br & Br													
6	8	100			570-8.60 SL gy & OZ on fractures locally light to dark Br													
8	10	95			8.60-9.70 CY & friable much core loss													
10	12	40			9.70-10.50 CY same light gy with var-ble fracture staining & banding													
12	14	90			10.50-12.50 CLX & in core loss gy & Br banding													
14	16	100			12.50-12.80 OZ sl zone of fine r/f fractures 05 after Py?													
16	18	100			12.80m - 17.0m SL H3 & O4 Fe staining intense on fractures													
18	20	90			17.00-18.50 SL dark gy (core loss) locally laminated & fresh Py													
20	22	85			18.50-18.80 SL local OZ VNS & core loss													
22	24	90			18.80-20.00 Core loss													
24	26	100			20.00 -													
26	28	100			30.00 SL gy with cy & limonite on fractures with occasional OZ Vn etc entry													
28	30	100			lyofraite with depth & SL darker also													
30	32	100			30.00-30.20 SL much broken still cy locally Fe on fractures													
32	34	45			30.20-32.80 SL solid core lgh gy H3 bedding fr core (-450)													
34	36	75			32.80-35.00 SL as above sl minimal Fe staining/fractures													
36	38	40			FRESH ROCK (NO Fe staining)													
38	40	50			35.00-69.00 SL minor ST & Cy (Fresh rock may oxidised													
40	42	90			Sequence not bedded & ST & laminated fr core													
42	44	95			midgy matrix Py to 5% locally minor Vn													
44	46	100			locally minor cy some silicified nodules & broken core													
46	48	100			mostly good core recovery, red fractures, wavy bedding, flames, laminations locally													
48	50	100			69.00-81.10 CONTACT ZONE (BRECCIA) SL + alteration/brecciation													
50	52	90			81.00-89.60 SLT gy & gn cross cut vein 2-3mm minor Py													
52	54	90			89.60-70.20 " Breccia S2 SL gr/gy sl Py, rump													
54	56	10			70.20-73.20 " sl gy-gr much fractured S2													
56	58	40			73.20-75.10 " gy-gr/wb BS2													
58	60	50			75.10-77.90 " gn-gy darker BS2 CL+ 45% Py													
60	62	85			77.90-80.90 " " " "													
62	64	100			80.90-81.10 " " OZ Vn + Py Vn													
64	66	100			81.10-94.60 SL gy minor w/ laminations BS2 same cross Vn													
66	68	100			94.60-94.60 SL - sl + OZ Vn some nodules of OZ veins core loss													
68	70	100			94.60-107.70 ORE ZONE													
70	72	85			starts below													
72	74	100																
74	76	90																
76	78	95																
78	80	80																
80	82	100																
82	84	100																
84	86	100																
86	88	100																
88	90	100																

W m S W m S W m S W m S W m S

ZELOS RESOURCES NL

NBR #8  
Sheet No: 2/2 (A)

DRILL CORE LOG A 8

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B/C.V.A					ALTERATION					SAMPLE ASSAY DATA				
	From	To	%			C.V.A	Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S.No.	Depth (m)	Fe %	Mags	S.G.
90	92	100																		
92	94	75		13-10m	<b>ORE ZONE 94.60-107.70</b>															
94	96	95																		
96	98	95				94.60-94.90 MG - Magnetite > 50% massive block in gn/wh - trondite mtr								40123	94	20.9	411		3.2	
98	100	100				94.90-95.60 " " " 50-33% volume BI x fcls 1-3mm								124	95	36.6	329		3.5	
100	102	100				95.60-95.80 " " " massive > 75% vol also @ 95.70-96.00 core Matrix pink - green. garnet/trondite								125	96	40.2	743	*	3.4	
102	104	100				96.00-96.30 " " " " "								126	97	42.0	915	*		
104	106	100				97.30-97.60 " " " solid black core > 80% magnetite								127	98	50.1	*		3.7	
106	108	100				97.60-97.90 Skarn? ST? SI Kh friable & MG VN								128	99	44.2	*		3.7	
108	110	100				97.90-98.00 MG massive MG nodules								129	100	39.8	*			
110	112	100				98.00-98.00 " " " " "								40130	101	38.3	450	*		
112	114	95				98.00-99.00 " " " Magnetite Matrix 75% core mid gn CL BSD to fine dislocated VN throughout								131	102	41.7	569	*	3.6	
114	116	95				99.00-100.00 " " " 75% mid gn CL & locally white sh. fg. mtr BI x fcls 1-5mm cubes								132	103	40.1	412	*		
116	118	100				100.00-101.00 " " " " " " "								133	104	38.2	612	*	3.7	
118	120	90			101.00-101.90 " " " " " wh mtr								134	105	40.6	*		3.6		
120	122	85			101.90-102.50 " " " " " gn mtr CL? B2								135	106	32.3	239	*	3.0		
122	124	100			102.50-103.10 " " " " " mixed. c. fcls MG x fcls to 5mm								136	107	10.1	3.65	*	3.7		
124	126	100			103.10-105.20 " " " " " pinkish/wh mtr irreg & cut off cubes VN 1-3mm								B1B2							
126	128	100			105.20-106.00 " " " " " " "															
					106.00-106.70 " " " x fcls 1-3 mm 50-33% in pink? garnet Matrix															
					106.70-107.70 " " " Brecciated BI SI OZ VN locally + semi massive PY & MG VN Matrix Gn CL?															
					<b>LOWER CONTACT ZONE</b>															
					107.70-109.60 ST lg dark gy upper contact SI Khine PY on fractures cross VN H4															
					109.60-113.40 SL " " " white laminations/bedding 60° to core suggesting upheaval minor PY & CY on fractures															
				0.4m	113.40-113.80 MG zone 50-33% fine x fcls to 2mm in wh (alter) matrix															2.6
					113.80-118.20 ST gray S OZ VN cross cutting core + PY in fractures H4 gbk no clear b2 doling															
					118.20-119.60 SL BI H4 deriv. Gn CL zone 1 to more dyle. 1.00 minor solution microb irreg PY VN															3.1
					119.60-119.90 Breccia Zone light pink mtr/garnet + irreg VN OZ 1-3mm															
					119.90-120.00 " " " gn matrix in lens + irreg 1-3mm VN + OZ/PY															
					120.00-120.20 OZ - PY nodular															
				0.5m	120.20-120.70 MG local VN to 5cm Breccia rock B2 SI (lost core) locally VN to 5cm! & pink/gn matrix & PY															
					120.70-121.00 PY > 50% red zone x line + OZ local mtr (mod magnetite)															
					121.00-121.80 Breccia BI black/soft (core loss) alt to Bi cy & PY															
					121.80-121.90 Garnet Zone ST BI mtr + PY weathered? surrounded pink x fcls															
					<b>FRESH CONTACT ROCK</b>															
					121.90-125.50 SL gy bedding off to core (-45°) fresh 1mm PY veins 60° to core axis															
					End of Hole															

W m s W m s W m s W m s W m s

ZELOS RESOURCES NL

#NBR 8

Sheet No: 1/1

Average of 5 readings/m DRILL CORE LOG B

DEPTH (m)	SAMPLE ASSAY DATA				Magnetic Susceptibility	COMMENTS			
90	7.23	1/2	91m	1m interval	0.86				
91					1.07	SAC Exploration Kappamator KT-9 made in 2007 Units SI x 10 <sup>-3</sup>	Core Sample Number	Fe %	SG
92	2.0		93m		0.65				
93	6.0		94m		2.02				
94					411.00				
95					329		40 123	20.9	3.2
96				off scale	743 + 1 reading * off scale 999+		40 124	36.6	3.5
97				Scale	915 + 3x off scale		40 125	40.2	3.4
98				↓	all off scale		40 126	42.0	
99				⊗	" "		40 127	50.1	3.7
100				⊗	" "		40 128	44.2	3.7
101					450 +1 off scale		40 129	39.8	
102					589 +1 * "		40 130	38.3	
103					412 +2x off scale		40 131	41.7	3.6
104					612 +3x "		40 132	40.1	
105				⊗	all off scale		40 133	38.2	3.7
106					239 +1 off scale		40 134	40.6	3.6
107					3.65		40 135	32.3	3.0
108					1.83		40 136	18.1	3.7
109					2.18		40		
110					1.79		40		
111					1.96		40		
112					1.83				
113					32.7	(one spike @ 300)			2.6
114					2.93				
115					1.5				
116					1.89				
117					1.00				
118					3.00				
119					3.94				3.1
120					17.00				
121					2.15				
122					1.96				
123					2.01				
124					2.30				
125					1.47				

DRILLING LOG 9  
TITLE PAGE

PROJECT: NELSON BAY RIVER

EXPLORATION LICENSE: EL 41/2004

HOLE No: NBR # 9 (J)

CO-ORDINATES  
N 5441 910  
E 0310 600

LOCAL GRID: N 9500 E 10000  
AZIMUTH: 050°  
INCLINATION: -45°  
DEPTH: inclined 51.50

AMG: 94

RL COLLAR: \_\_\_\_\_

HOLE SIZE  
TO (m): NO 00.00 - 51.50 End of hole  
Size: NO

Commenced: Wed 15 April 2009  
Completed: Thu 16 April 2009  
Logged: W. HARVEY  
Drillers: Almac (Max Harvey) Driller: Daryl Meers Helper: Alan Lyeart  
Drill Type: AD 900 track mounted, dd Ben Harvey Ron Capon

DRILL CORE LOG A #9

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B./C.V.A					ALTERATION					SAMPLE ASSAY DATA				
	From	To	%			C.V.A	Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S No	Optim	Fe %	Mags	SG
* Core *	0	4.30	15																	
* Loss *	4.30	6.50	25		0.0-50.2 (Egk) OXIDISED ZONE															
	6.50	7.50	90																	
	7.50	8.50	70																	
* *	8.50	10.50	45		@ Surface ironstone (block - siliceous) nodules of massive hematite?															
	10.50	11.50	90		0.05-4.30 CY light orange colour brecciated															
	11.50	12.50	70		4.30-7.80 CY white ko? some light blue staining															
	12.50	13.50	90		7.80-10.50 CY after sl light brown-white															
	13.50	14.50	100		10.50-11.00 CY soft weathered pink some brecciated? SO											17			2.4	
* *	14.50	15.50	30		11.00-11.15 SL-CY dark pink coarse grain & vuggy of															
	15.50	16.50	100		11.15-12.30 SL-CY karst colour & siliceous nodules															
	16.50	17.50	75		12.30-13.30 SL-CY dehydrated on fractures (2-3 mm) with frond & weathered by VN															
	17.50	18.50	95		13.30-15.50 SL fine powdery laminated light gray & 1.4% Fe staining on clay											22			2.6	
	18.50	19.50	70		15.50-17.50 CY light colour locally friable & minor dark Fe on fractures															
* *	19.50	20.50	70		17.50-17.70 SL white-pink ground brecciated SL weathered by surface of rain															
	20.50	21.50	90		17.70-19.60 SL going to CY soft dark gray & white laminated															
	21.50	22.50	40		19.60-21.50 SL siliceous & staining locally Fe on fractures & laminated											25			2.4	
	22.50	23.50	90		21.50-22.90 CY red brown & siliceous nodules & near 3-5 mm hematite															
	23.50	24.50	100		22.90-23.50 CY white-gray after SL															
	24.50	25.50	100		23.50-29.50 SL light gray laminated minor Fe on fractures															
	25.50	26.50	100		29.50-35.50 SL as above & Fe stained fractures @ 29.50 & 32.60 & 34m															
	26.50	27.50	100		35.50-35.70 CY grey											30			2.4	
	27.50	28.50	100																	
	28.50	29.50	100		ORE ZONE															
	29.50	30.50	100	15.50m																
	30.50	31.50	100	15.50m	30.50-38.50 HE HEMATITE (massive) Brecciated SO-S2 dense minor voids dark to dark red brown											34			2.4	
	31.50	32.50	100		38.50-39.00 " semi to massive & friable & voids & nodules rust coloured											40137				
	32.50	33.50	9		39.00-41.50 " " friable & voids & dark red brown											40138	36	58.2	4.2	3.8
* *	33.50	34.50	40		41.50-44.50 " CY/Sandy (Core loss) Soft powder											139	37	59.9	3.7	
	34.50	35.50	85		44.50-45.00 " Powdered red brown (Core loss) & nodules											140	38	64.4	8.6	
* *	35.50	38.50	40		45.00-47.50 " Semi massive, rusty he & massive core loss varnished magnetite-KAG, 2-9mm											141	39	63.6	6.9	3.5
	38.50	40.50	75		47.50-50.20 " Nodular Fe stones some siliceous											142	40	62.8	3.0	
* *	40.50	41.50	30													143	41	61.1	-	
* *	41.50	44.50	75	Core loss	End of Hole because of stuck rods											144	42	62.0	-	
* *	44.50	45.00	20													145	43	57.9	-	
* *	45.00	47.50	15													146	44	64.5	1.2	
* *	47.50	50.50	5													147	45	66.3	3.7	
* *	50.50	51.20	25													148	46	67.6	1.7	3.1
																149	47	46.7	1.5	
																150	48	36.0	1.7	
																151	49	15.5	-	

# ZELOS RESOURCES NL

# 9  
Sheet No: 1/1

## Average of 5 readings/m DRILL CORE LOG B #9

DEPTH (m)	SAMPLE ASSAY DATA				Magnetic Susceptibility	COMMENTS	Core Sample			
	1m intervals						No	P2%	SG	
35	1/2	36m			1450	SATC Exploration Kappamater KT-9 model 2007	40	137	23.0	
36	1/2	37m			4316	Units SE x 10 <sup>-3</sup>	40	138	58.2	3.8
37					3136		40	139	59.9	
38					3158		40	140	64.4	
39					6189		40	141	63.6	3.5
40					2197		40	142	62.8	
41					+	Core lost	40	143	61.1	
42					+	"	40	144	42.0	
43					+	"	40	145	51.9	
44					1.16		40	146	64.5	
45					3136		40	147	66.3	
46					1.60		40	148	67.6	3.1
47					1.45	Core lost	40	149	46.7	
48					1.60	Core lost	40	150	36.0	
49							40	151	15.5	
50					1.92		<del>40</del>	<del>152</del>		
51	1/2	52m			ES/H		40	<del>153</del>		
52							40	154		

DRILLING LOG 10  
TITLE PAGE

PROJECT: NELSON BAY RIVER EXPLORATION LICENSE: EL 41/2004

HOLE No: NBR #10 (I) @ water pump/cliff edge & west of ridge out crop

CO-ORDINATES  
N 5441 998  
E 0310 587

LOCAL GRID: N 9600 E 10050      AMG: 94      RL COLLAR: \_\_\_\_\_  
AZIMUTH: 050°  
INCLINATION: -45°  
DEPTH: 26.50m End of Hole

HOLE SIZE  
TO (m): 0 - 26.50m End of Hole  
Size: NA

Commenced: Sat 25 April 2009  
Completed: Sat 25 April 2009  
Logged: W. HARBER  
Drillers: Mac : Ben Harvey    Helper Roy Williams  
Drill Type: AA 900 track mounted d/d

ZELOS RESOURCES NL

Sheet No: 1/1

DRILL CORE LOG A #10

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B/CV.A C.V.A	ALTERATION					SAMPLE ASSAY DATA						
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S No.	Depth	Fe %
0	5.5	20		Core loss														
5.50	7.20	35		"	0.0 - 24.50 OXIDISED ZONE								40152	5	54.8	1.65		
7.20	8.50	85		"									153	6	59.5	1.92		
8.50	9.50	100			SURFICIAL ZONE								154	7	57.0	2.00	4.0	
9.50	10.50	95											155	8	60.0	4.57	3.5	
10.50	11.50	75			0.0 - 5.50m CY mid brown with some siliceous nodules aft of the Skarn								156	9	57.8	3.55	2.5	
11.50	12.00	20			5.50 - 6.90 CY brown								157	10	58.4	3.20	2.9	
12.00	13.00	100											158	11	55.3	0.88		
13.00	14.00	95			ORE ZONE								40159	12	55.9	3.90	3.3	
14.00	15.00	95		Core loss									160	13	43.5	2.58		
15.00	16.00	100			6.90 - 7.20m HE Hematite massive dense dark brown fg								161	14	45.7	2.24	2.8	
16.00	17.00	100			7.20 - 8.50 " " as above in CY at ends, brown in friable hematite								162	15	39.8	2.45	3.0	
17.00	18.00	100			8.50 - 12.00 " " Sand massive friable, waxy & voids waxy								163	16	37.1	2.88		
18.00	19.00	100			12.00 - 12.20 " " Fresh fg black massive dense								164	17	46.6	3.35	3.0	
19.00	20.00	100			12.20 - 13.50 " " Friable, waxy, small lumps								165	18	38.1	3.40	3.0	
20.00	21.00	90			13.50 - 14.50 " " + CY friable soft limonitic								166	19	36.9	2.25	2.7	
21.00	22.00	40	*		14.50 - 19.00 " " massive fg silice, kharkic coloured finely porous irregular of veins 1-2mm							40167	20	34.4	3.44			
22.00	23.00	40			19.00 - 19.70 " " dark salt-brown, porous locally siliceous							40168	21	39.2	6.95	3.1		
23.00	24.00	25			19.70 - 20.00 " " limonitic light kharkic colour, porous, siliceous													
24.00	25.00	50			20.00 - 22.60 " " dark red brown porous locally siliceous crystals 1-2mm after py on AHG													2.6
25.00	26.00	30		Total Core loss	CONTACT ZONE													
26.00	26.50	0			22.60 - 24.50 ST 2 Fe staining, ST, & crystals after AHG, Co ? hematite ? as fresh.													
					24.50 - 25.70 ST fine grained, dark Gy, with amphiboles in mat													
					@ 25.70 ST = Fresh NO Fe Oxidation heating difficult to determine													
					26.50 End of Hole													

W m s W m s W m s W m s W m s

ZELOS RESOURCES NL

#10  
Sheet No: 1/1

Ave of 5/m

DRILL CORE LOG B#10

DEPTH (m)	SAMPLE ASSAY DATA					Magnétic Susceptibility	COMMENTS	Core Sample Number	Fe %	SG
0	70	1	1/2	intervals		3.83				
1	70	2				2.17	STATE Exploration Kappa meter KT-9 made in 2007			
2	70	3				3.69				
3						2.07	Units SI x 10 <sup>-3</sup>			
4						2.78				
5						1.45		40 152	54.8	
6						1.92		40 153	59.5	
7						2.00		40 154	57.0	4.0
8						4.57		40 155	60.0	3.5
9						<del>3.08</del>		40 156	57.8	2.5
10						3.28		40 157	58.4	2.9
11						8.88		40 158	55.3	
12						3.90		40 159	55.9	3.3
13						2.58		40 160	43.5	
14						2.24		40 161	45.7	2.8
15						2.45		40 162	39.8	3.0
16						2.08		40 163	37.1	
17						3.35		40 164	46.6	3.0
18						3.40		40 165	38.1	3.0
19						2.25		40 166	36.9	2.7
20						3.46		40 167	34.4	
21						6.95	Core loss	40 168	39.2	3.1
22						1.15		40 169		
23						2.29	Core loss	40		2.6
24						1.80		40		
25						3.46		40		
26						-	E of H.	40		

DRILLING LOG //  
TITLE PAGE

PROJECT: NELSON BAY RIVER

EXPLORATION LICENSE: EL/2004

HOLE No:

NBR # 11 (H)

West of ridge line (cliff)

CO-ORDINATES

N 5442 067  
E 0310 533

LOCAL GRID:

N 9700 E 10050

AZIMUTH:

050°

INCLINATION:

-45°

DEPTH:

45-70 m

AMG: 94

RL COLLAR: 102 m. APL

HOLE SIZE

TO (m):

45-70 m End of Hole

Size:

NO

Commenced:

Sun 26 April 2009

Completed:

Mon 27 April 2009

Logged:

W. HARPER

Drillers:

Almac : Ben Harvey Helper: Roy Williams

Drill Type:

AD 900 Trach Mounted

ZELOS RESOURCES NL

Sheet No: 1/1

DRILL CORE LOG A 11

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B/CV.A C.V.A	ALTERATION					SAMPLE ASSAY DATA						
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S.No	Depth	Fe %
0.0	4.50	25			0.0 - 4.50 OXIDISED ZONE										9		1.83	2.6
4.50	6.00	5													11		2.51	2.3
6.00	7.40	20			SURFICIAL ZONE													
7.40	7.90	50																
7.90	8.60	70			0.0 - 4.50m Soil & CY Kh&e rbr Hatcher & friable VN 1-2mm													
8.60	9.40	60																
9.40	10.00	9			ROCK & CLAY													
10.00	11.50	20																
11.50	12.00	90			4.50 - 6.00m SL - hard/sl, gy													
12.00	13.50	30			6.00 - 11.00 as above													
13.50	17.50	25			11.00 - 17.50m ST gy locally ST & limonitic enclaves & voids of Fe PY													
17.50	19.00	5																
19.00	20.00	95			17.50 - 19.00 Fe nodules, gy hard/sl & of Fe OZ PY VN													
20.00	20.50	50																
20.50	22.00	30			19.00 - 19.10 SL light gy soft cy													
22.00	23.50	45			19.10 - 20.50 CY - SL - soft sl: HBr no Fe staining													
23.50	25.00	100			20.50 - 22.00 CY - SL white minor Fe VN													
25.00	26.50	65			22.00 - 24.70 CY - SL light pink minor fine VN & powdery													
26.50	28.00	70																
28.00	29.50	80			24.90 - 25.00 OZ - Fe VN weathered to He-Li													
29.50	31.00	65																
31.00	32.50	95			25.00 - 27.30 ST - gy light gy powdery & gy nodules to 10mm													2.4
32.50	33.10	100			27.30 - 28.00 ST - more sl: some Fe VN & limonitic nodules													
33.10	34.10	60			28.00 - 32.00 ST - gy laminated gy/wh up to core (-45°) & Fe/OZ VN 1-2 mm													
34.10	36.70	35			32.00 - 32.50 ST - sl & OZ VN 45° to core													
36.70	38.50	50			32.50 - 40.00 SL Kh&e 40								40169	35	35.5	2.82		
38.50	40.00	10			40.00 - 41.00 OZ & VN & voids gy & sl								170	36	47.1	2.25		
40.00	41.00	10			41.00 - 43.00 as above								171	37	44.0	2.17		
41.00	43.00	5			43.00 - 44.40 ST hard sl rbr minor Py VN								40172	38	27.8	2.72	2.9	
43.00	44.00	15																
44.00	44.50	30			FRESH ROCK													
44.50	45.70	100			44.40 - 45.70 SL dark gy to light gy <u>NO</u> Fe staining													
					End of Hole													

Core loss

End of Hole

W m s W m s W m s W m s W m s

Ave of 5/m

DRILL CORE LOG B //

DEPTH (m)	SAMPLE ASSAY DATA				Magnetic Susceptibility	COMMENTS
0	1 m	1 m	1 m	1 m Intervals	1.56	SAC Exploration Kappa meter KT-9 made in 2007
1	2 m	2 m			1.20	
2	3 m				2.68	Units SI x 10 <sup>-3</sup>
3					1.88	
4					0.49	
5					1.61	
6					1.53	
7					1.98	
8					1.47	
9					1.53	
10					2.13	2.6
11					2.57	
12					2.52	2.3
13					1.15	
14					1.84	
15					1.18	
16					0.84	
17					2.21	
18					1.20	
19					1.91	
20					1.63	
21					2.02	
22					1.49	
23					1.92	
24					2.25	
25					1.83	
26					1.74	
27					1.76	
28					2.38	
29					1.72	
30					1.67	
31					2.39	
32					2.23	
33					1.38	
34					2.39	
35					2.82	
36					2.25	
37					2.17	
38					2.72	
39					2.19	
40					2.84	
41					1.20	
42					2.13	
43					1.73	
44					2.36	
45					3.06	
46					3.23	

Core Sample		Fe %	
Number			
			2.4
			5.9
40169	35.5		
40170	47.1		
40171	44.0		
40172	27.8		2.9

E & H @ 45.70m

DRILLING LOG 12  
TITLE PAGE

PROJECT: Nelson Bay  
NBR 12

EXPLORATION LICENSE: EL #1/2009

HOLE No: NBR #12

(G) edge of cliff (out crop ridge)

CO-ORDINATES  
N 5442 198  
E 0310 515

LOCAL GRID: N 9 800 E 10 110  
AZIMUTH: 050  
INCLINATION: -4.5°  
DEPTH: 19.00 m

AMG: 94

RL COLLAR: \_\_\_\_\_

HOLE SIZE  
TO (m): 19.00 m.  
Size: NO

Commenced: Tues 28 April 2009  
Completed: Tuesday 28 April 2009  
Logged: W. HARDER  
Drillers: Almac Ben Harvey Kasper Roy Williams  
Drill Type: AD 900 Truck Mounted

DRILL CORE LOG A 12

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B/C.V.A C.V.A	ALTERATION					SAMPLE ASSAY DATA						
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S No.	Depth	Fe %
0.00	5.50	15			0.0 - 19.00 OXIDISED ZONE													
5.50	8.50	30			SURFICIAL ZONE								40173	0	21.8	1		
8.50	9.40	75											174	1	37.8	1		
9.40	11.50	65											175	2	25.3	2		
11.50	13.00	65			0.0-5.00 Fe nodules & CY								176	3	44.5	6		
13.00	14.50	5	*core loss		ORE ZONE								177	4	50.0	20.5		
14.50	16.00	90											178	5	41.3	18.40	3.4	
16.00	17.50	100											179	6	32.9	16.20		
17.50	19.00	100			5.00-5.50m HE - hematite massive fg B1								40180	7	37.0	10.1		
					5.50-8.50 " - limonitic / locally massive / locally Vg & whole voids								181	8	55.9	20.00	3.1	
					8.50-13.00 " - friable & Vg / locally massive fg B1								182	9	57.4	5	2.7	
					13.00-14.50 " - Fe nodules								183	10	58.6	3	3.3	
					CONCRET ZONE								184	11	43.6	4		
													185	12	45.3	2	3.6	
													186	13	16.0	0		
					14.50-16.00 SL dark & kh - B1 soft (A3) minor fine vms								187	14	20.3	3		
					16.00-19.00 SL gy & wh laminations dip to core locally Fe staining minor VN breccia fg core								188	15	22.8	2		
													40189	16	8.7	2	2.5	

W m s W m s W m s W m s W m s

ZELOS RESOURCES NL

Sheet No: 1/1

Average of 5/m

DRILL CORE LOG B <sub>A</sub> 12

DEPTH (m)	SAMPLE ASSAY DATA				Magnetic Susceptibility	COMMENTS	Core Sample Number	Fe %	SG
0					0.00				
1	0	to	1m	1m intervals	0.00	SITE Exploration Kappamaru KT-9	40 173	21.8	
2	1	to	2		1.33		40 174	37.8	
3	2	to	3		1.78	Units: SI x 10 <sup>-3</sup>	40 175	25.3	
4	3				6.04		40 176	44.5	
5	4				20.50	40 177	50.0		
6	5				18.40	40 178	41.3	3.4	
7	6				16.20	40 179	32.9		
8	7				10.1	40 180	39.0		
9	8				20.00	40 181	55.9	3.1	
10	9				4.67	40 182	57.4	2.7	
11	10				2.66	40 183	58.6	3.3	
12	11				4.07	40 184	43.6		
13	12				2.43	40 185	45.3	3.6	
14	13				0.37	40 186	16.0		
15	14				2.65	40 187	20.3		
16	15				2.24	40 188	22.8		
17	16				2.37	40 189	8.7	2.5	
18	17				1.84	40 190			
19	18				2.86	End of Hole @ 19.00			

DRILLING LOG 13  
TITLE PAGE

PROJECT: NELSON BAY RIVER

EXPLORATION LICENSE: EL 41/2004

HOLE No:

NBR # 13

(F)

*west of ridge top & outcrop*

CO-ORDINATES

N 5442 290 291  
E 0310 458 461

LOCAL GRID:

N 9900 E 10100

AZIMUTH:

050

AMG: 94

RL COLLAR: \_\_\_\_\_

INCLINATION:

-4.5°

DEPTH:

31.20 m

HOLE SIZE

TO (m):

31.20 m End of Hole

Size:

NA

Commenced:

Wed 29 April 2009

Completed:

Wed 29 April 2009

Logged:

W. HARDER

Drillers:

Almac Ben Harvey Helper Roy Williams

Drill Type:

AD 900 Truck Mounted

ZELOS RESOURCES NL

Sheet No: 11

DRILL CORE LOG A 13

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B/CV.A C.V.A	ALTERATION					SAMPLE ASSAY DATA						
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S No	Depth (m)	Fe %
0.00	3.50	15			0.0 - 3.50m OXIDISED ZONE													
3.50	4.50	25																
4.50	6.00	60																
6.00	7.00	50			SURFICIAL ZONE													
7.00	8.00	80																
8.00	9.00	80			9.00-9.50 Core Loss / Soil / Cy. & locs of SL nodules													
9.00	10.00	110			9.50-10.00 " " / SL & Cy nodules / 1/2 thin & grey nodules													
10.00	11.00	110																
11.00	12.00	70		Core loss	INSITU SL									11			4	2.4
12.00	13.00	50												12			3	
13.00	14.00	10	*		4.50-5.80 SL gy & gn cy & core loss									13			7	
14.00	15.00	60			5.80-7.00 SL gy, spl. gy & Wh laminated gtz & Wh ex zones													371
15.00	16.00	100			7.00-11.20 " " " " " "								40190	15	41.4	154	3.1	
16.00	17.00	95			11.20-12.90 CY gy & Wh & some SL Fe nodules									191	16	44.8	142	
17.00	18.00	85			12.90-14.50 Limonite - SL nodules & Breccia. CONTACT ZONE of Core loss									192	17	53.2	404	3.0
18.00	19.00	50												193	18	33.0	654	3.0
19.00	20.00	90			ORE ZONE									194	19	56.0	733	3.5
20.00	21.00	100			14.50 - 26.00m									195	20	51.0	779	3.5
21.00	22.00	90												196	21	41.9	344	
22.00	23.00	100			14.50-16.50 MAGNETITE ZONE - but weathered to HE-Li with xfol remnants									197	22	49.2	405	3.2/2.9
23.00	24.00	95			- matrix whitish alteration & sharn? Silicite? Hemite?									198	23	49.5	623	
24.00	25.00	90			16.50-18.00 HE - hematite - rusty, 10 & voids, dark red Br, remnant Mg xfol.									199	24	57.1	739	
25.00	26.00	85												40200	25	47.4	182	3.1
26.00	27.00	50			18.00-19.00 SL - hematitic - sharn? rbr & loc cy much fractured												5	2.9
27.00	28.00	60															3	
28.00	29.00	50			19.00-19.90 HE - Kh & friable bl on fractures & surfaces												21	3.0
29.00	30.00	70		End of Hole													3	
					19.90-24.40 MG - magnetite xline remnants & gy on each alt zones													
					24.40-26.00 HE - limonite, friable Br/Yr voids & Breccia texture													
					CONTACT - SHARN ZONE													
					26.00-26.30 Sharn? Ht Zone? CY gy													
					26.60-29.50 Sharn? gy gn/bl rock fr. on fractures													
					FRESH ROCK													
					28.00 - 31.20 SL NO Fe staining on fractures - irregular bedding													
					End of Hole - many fr. & voids of 99 1/2 mm													

W m s W m s W m s W m s W m s

Average of 5/11

DRILL CORE LOG B 13

DEPTH (m)	SAMPLE ASSAY DATA					Magnetic Susceptibility	COMMENTS
	To	From	Interval	Assay	Assay		
4	To	5m				1.76	
5	To	6m	1m intervals			2.74	
6	To	7m				3.50	
7						2.59	SAIC Explorator Kappamator KT-9 made in 2007 Units: SI x 10 <sup>-3</sup>
8						1.04	
9						1.80	
10						2.43	
11						3.50	
12						3.33	
13						7.40	
14						371	
15						154	
16						142	
17						<del>704</del>	
18						654	* 1 reading off scale is 999+
19						733	
20						779	
21						344	
22						405	
23						623	
24						739	
25						182	* 3 readings off scale is 999+
26						5.47	
27						3.43	
28						20.90	
29						2.96	
30						2.85	
31	End of hole						

Core Sample Number	Fe %	
		2.4
		5.9
40 190	41.4	3.1
40 191	44.8	
40 192	53.2	3.0
40 193	33.0	3.0
40 194	56.0	3.5
40 195	51.0	3.5
40 196	41.9	
40 197	49.2	3.2/2.9
40 198	49.5	
40 199	57.1	
40 200	47.4	3.1
40		2.9
40		3.0

DRILLING LOG 14.  
TITLE PAGE

PROJECT: NELSON BAY RIVER

EXPLORATION LICENSE: EL 41/2004

HOLE No:

NBR # 14

(E)

on section with NBR # E NB 401 (1967)  
also on major grid intersection and widest part of outcrop.  
on western side of ridge at base of outcrop.

CO-ORDINATES

N 5442 382  
E 0310 425

LOCAL GRID:

N 10 000 E 10 175

AZIMUTH:

050°

INCLINATION:

-45°

DEPTH:

29.40 m

AMG: 94

RL COLLAR: 95.7 m ?

HOLE SIZE

TO (m):

29.40 m End of Hole

Size:

N.B.

Commenced:

Thurs 30 April 2009

Completed:

Thurs 30 April 2009

Logged:

W. HARDER

Drillers:

Almac Ben Harvey Halper; Roy Williams

Drill Type:

AD 900 Track Mounted

DRILL CORE LOG A 14

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B/C.V.A C.V.A	ALTERATION					SAMPLE ASSAY DATA							
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S.No	Depth (m)	Fe %	Mg %
0	0.00	5.00	0		0.0 - 28.60 OXIDISED ZONE														
	5.00	5.50	5		Superficial Zone														
	5.50	8.50	55																
	8.50	11.50	25																
	11.50	13.00	85		0.00-5.00 No Core soil/exp. gravel washed out.														
	13.00	14.00	80		5.00-5.50 Mg nodules														
	14.00	15.00	50		5.50-8.50 Non Magnetic Fe stone nodules (heavy core loss)														
	15.00	17.00	55																
	17.00	19.00	30	15.40m	ORE ZONE														
	19.00	20.50	45		HEMATITE														
	20.50	22.20	20																
	22.20	23.50	75																
	23.50	25.10	65		9.50-11.50 HE - red br. sl. rich zone banded appearance													9	
	25.10	26.50	40		11.50-15.00 " - rusty, Vg, friable, voids, Br - ochre locally richer denser VN to 3mm								40201	9	36.7	208	9		
	26.50	29.40	95		15.00-17.30 " - semi massive dense dark Br to Bk xline locality & fracture veins & QZ to 5mm f/c core								202	10	29.0	138	2.7		
	End of Hole				17.30-19.00 " - core lost friable nodules sl								203	11	56.1	101			
					19.00-19.30 " - massive dense Bk & streaks - sl Vg								204	12	57.6	263			
					19.30-20.50 " - with ex rbc sbl on fractures locality enriched								205	13	54.7	82	3.5		
					20.50-21.10 " - block sl nodules								206	14	54.4	69			
					21.10-22.30 " - rbc ex sbl nodules non magnetic								207	15	50.9	50	2.9		
					22.30-23.90 " - massive, friable, Bk & Vg mtr ex/bur								208	16	52.5	278	3.4		
					SKARN/CONTACT ZONE								209	17	59.8	351	3.7		
					23.90-26.50 Skarn Zone sg dk gr/bk ST with cl? irregular fractures locally sl								40210	18	44.3	178			
					light to light gy and becomes more sl								211	19	54.7	192			
					COUNTRY ROCK								212	20	42.8	131			
					26.50-28.60 SL sg gy & bedding fl to core minor QZ & fractures & veins/fractures minor & Vg Br iron stained								213	21	46.3	136			
					FRESH ROCK								214	22	16.6	2	2.9		
					28.60-29.40m SL fresh NO iron staining, bedding fl to core (-45) laminated fine white bands QZ								40215	23	15.9	2			
					gy sl minor ex on fractures													2.5	
					End of Hole														2.4

W M S W M S W M S W M S W M S

ZELOS RESOURCES NL

Sheet No: 1/1

Average of 5/m

DRILL CORE LOG B 14.

DEPTH (m)	SAMPLE ASSAY DATA				Magnetic Susceptibility	COMMENTS
0-5	nil	core			576	SKIC Exploration Kappemeter KT-9 made in 2007
5	to	6 m	1m Intervals		576	Units SI x 10 <sup>-3</sup>
6	to	7 m			9 57	
7	to	8 m			9 59	
8					9.56	
9					208	Core Sample
10					138	Numbers Fe % SG
11					101	40 201 36.7
12					263	40 202 29.0 2.7
13					87.8	40 203 58.1
14					68.5	40 204 57.6
15					49.0	40 205 54.7 3.5
16					278	40 206 54.4
17					357	40 207 50.9 2.9
18					178	40 208 52.5 3.4
19					192	40 209 59.8 3.7
20					131	40 210 44.3
21					136	40 211 54.7
22					1.75	40 212 42.8
23					2.00	40 213 46.3
24					1.19	40 214 76.6 2.9
25					0.86	40 215 15.9
26					0.55	
27					0.20	
28					0.21	
29		Eg Hole.			0.79	

DRILLING LOG 15  
TITLE PAGE

PROJECT: NELSON BAY RIVER

EXPLORATION LICENSE: EL 41/2004

HOLE No:

NBR# 15

(D)

Northern most hole on ridge/dike  
Just west & off top of ridge.

On ironstone out crop

On section with NBR# 3 & NBR# 7

CO-ORDINATES

N 5442 466  
E 0310 380

LOCAL GRID:

N 10 100 E 10 150

AZIMUTH:

050°

INCLINATION:

-4.5°

DEPTH:

23.50 m

AMG: 94

RL COLLAR: \_\_\_\_\_

HOLE SIZE

TO (m):

23.50 m End of Hole

Size:

NO

Commenced:

Fri 1st May 2009

Completed:

Fri 1st May 2009

Logged:

W. HARDER

Drillers:

Almae

Ben Harvey; Halpin Roy Williams

Drill Type:

\_\_\_\_\_

ZELOS RESOURCES NL

Sheet No: 111

DRILL CORE LOG A 15

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B./CV.A C.V.A	ALTERATION					SAMPLE ASSAY DATA						
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S No	DEPTH m	Fe %
0	4.00	No		Core	0.0 - 23.50 m OXIDIZED ZONE													
4.00	5.50	75			0.00 - 4.00m no core - soil/ey core loss									40216	0	23.6	1.04	
5.50	7.00	80												217	1	27.2	1.90	
7.00	8.00	40												218	2	21.6	1.86	
8.00	10.00	100			4.00 - 4.30m CY - ochre with darker blotches									219	3	41.9	1.25	
10.00	15.00	95			4.30 - 5.00 CY - lighter ochre + black cy									40220	4	38.2	1.04	
15.00	19.00	95			5.00 - 5.50 CY - red brown clay nodular after he									40221	5	15.9	1.60	2.4
19.00	21.00	95			5.50 - 6.00 CY - grey - blackish									222	6	13.1	0.58	2.5
21.00	72	100			6.00 - 7.10 CY - ochre & nodules prior core recovery									223	7	9.5	0.21	
22.00	23.00	90			CONTACT ZONE													
23.00	24.00	100		7.10 - 7.20 SZ - silice nodules light ochre colour														
				7.20 - 8.10 CY - dark grey - black alt zone? Sham?														
				8.10 - PRESSURE ROCK. (but still with Fe on fractures)														
				8.10 - 23.50 E of Hole														
				SL - gy & minor Fe staining on fractures in higher up the hole portion														
				Wh laminations & typical country rock.														
				locally some veining 1-3mm & siliceous areas														
				mostly bedding parallel to core														
				locally mineralised fractures some red brown hematite														
				loss as the hole deepens but still present at E of H														

W m s W m s W m s W m s W m s



DRILLING LOG 16  
TITLE PAGE

PROJECT:

NELSON BAY RIVER

EXPLORATION LICENSE:

EL 41/2004

HOLE No:

NBR # 16

(K)

On baseline south side of main anomaly  
Near outcrop crossing baseline.  
Between drill hole NBR# 6 (2003) & NBR# 9 (2009)

CO-ORDINATES

n 5441 860 | 850  
e 0310 643 | 648

LOCAL GRID:

N 9 450 E 9 992

AZIMUTH:

050°

INCLINATION:

-4.5°

DEPTH:

41.10m

AMG:

94

RL COLLAR: \_\_\_\_\_

HOLE SIZE

TO (m):

41.10m End of Hole

Size:

N.B.

Commenced:

Sat 2 May 2009

Completed:

Sat 2 May 2009

Logged:

W. HARDER

Drillers:

Almac Doyle Meers Harper Allan Lycett

Drill Type:

AJ 900 Track Mounted





DRILLING LOG 6  
TITLE PAGE

PROJECT: Nelson Bay River

EXPLORATION LICENSE: EL 41/2004

HOLE No:

NBR #6 (2)

CO-ORDINATES

N 5441 795  
E 0310 700

LOCAL GRID:

N 9350 E 9994

AZIMUTH:

- vertical hole -

INCLINATION:

- 90°

DEPTH:

33.50 m

AMG:

94

RL COLLAR:

94.5 m ?

HOLE SIZE

TO (m):

HO 80 - 33.5 m E of H

Size:

HO

Commenced:

Mon 19 June 2006

Completed:

Fri 23 June 2006

Logged:

W. HARPER

Drillers:

Tas Gold Ltd

Kevin Harper: Max

Drill Type:

TGD 500

} 5 days in clove  
with 2 days/night downtime  
with no/a wrong bit.

DRILL CORE LOG A Drill Hole -90° Dyke -65°W Seds -45°E

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B./C.V.A C.V.A	ALTERATION					SAMPLE ASSAY DATA						
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	S No.	Depth	Fe %
0	1	20																
1	2	70			0.00 - 32.45 OXIDISED ZONE													3.8
2		30																
3		40			0.0 - 1.50 Surface clay with iron stain nodules some magnetic													
4		30			1.5 - 2.20 CY white soft fine grained ka?													
5		45			2.20 - 2.30 limonite porous friable earth - yellow siliceous													
6		60			2.30 - 6.50 CY white ka? & red brown staining locally.													
7		75			6.50 - 6.65 Iron stain nodules hard dark gray semi rounded								40235	6	48.1	1.76		
8		65			6.50 - 8.00 limonite - vuggy friable porous nodules of hematite								236	7	40.4	1.54	3.1	
9		90			8.00 - 13.50 " " less friable increasing to hematite.								237	8	42.1	1.06		
10		80											230	9	40.7	0.95	2.9	
11		90			ORE ZONE								237	10	47.0	1.49		
12		95											40240	11	56.0	1.51		
13		95			13.50 - 17.80 HE Hematite semi to massive dark red brown metallic locally brecciated.								241	12	49.4	1.21		
14		100											242	13	62.0	1.69	3.1	
15		100			17.80 - 20.00 CY epidotes of he 19.20 - 19.40 (matrix) nodules gray & red brown also patches of green clay								244	14	62.6	2.12		
16		100			20.00 - 21.50 CY ka? white fine soft								244	15	63.3	2.88	3.4	
17		90											245	16	61.6	3.12	3.6	
18		80			21.50 - 23.20 CY cl? sharn alteration mineralogy gray-green								246	17	47.0	3.08		
19		55			23.20 - 24.50 CY ka? white clay to red brown								247	18	40.8	0.94		
20		100			24.50 - 25.00 CY & silica band 2 soft yellow clay								248	19	21.0	0.77		
21		90											249	20	19.9	1.02		
22		10			BRECCIA ZONE - Sharn ?!								40250	21	17.5	0.50		
23		65											251	22	41.1	1.35		
24		65			25.00 - 26.20 pervasive Fe veins red brown random nodules in light gray siliceous matrix								252	23	36.0	1.44		
25		100			26.20 - 27.70 Similar but less brecciated & more gray and harder - siliceous								253	24	19.9	1.51		
26		100											252	25	16.0	1.01		
27		80			CONCRETE ZONE (lower - just wall)								255	26	72.2	1.02	2.5	
28		40											256	27	22.2	1.26		
29		50			27.70 - 29.00 ST red brown semi bedded with Fe nodules & veins red brown colour								40257	28	34.4	0.46	3.1	
30		85			29.00 - 30.00 SL fg dark green siliceous hard & gk veins (after sharn?) semi bedded													
31		85			30.00 - 30.50 SL bedding more apparent but siliceous gk veins to 70mm													
32		90			30.50 - 32.45 SL gray bedding 45° to 60° to core axis (-90°) & gk veining bedding & minor Fe on fractures.													
33		100			FRESH ROCK.													2.5
					32.45 - 33.00 SL no Fe staining on fractures fg gray bedding to 45° to core axis													
					33.50 E of Hole													

W m s W m s W m s W m s W m s

Average of 5 readings/m  
Mag Susceptibility

# ZELOS RESOURCES NL <sup>6</sup>

## DRILL CORE LOG <sup>B</sup>

Sheet No: 1/1

DEPTH (m)	Core Recovery			GRAPHIC LOG	CORE DESCRIPTION	C.B./C.V.A C.V.A	ALTERATION					SAMPLE ASSAY DATA								
	From	To	%				Silicic	Phyllic	Prop.	Argillic	Sulphide	Sample	From	To	Au	Cu	Pb	Zn	Ag	As
0	to 1m	1m	Intervals		Surface Magnetite 23-20															
1	to 2m	2m			nodules of ironstone															
2	to 3m	3m																		
3																				
4																				
5																				
6																				
7																				
8																				
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30																				
31																				
32																				
33				End of Hole																

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