

Drill Log

Frontier Resources Ltd

PROJECT: Lisle
PROSPECT: Panama
EL: EL2/1992
EASTING 523875.8
NORTHING 5440886
COLLAR RL: 233

HOLE NO: PVD003
DATE COMMENCED: 8/07/2006
DATE COMPLETED: 13/07/2006
TOTAL DEPTH (M): 131.9
AZIMUTH: 156
DIP: -50

DRILL TYPE: Diamond
DRILLER: Frontier Resources
LOGGED BY: JM
DATE: 16/12/2005
OXIDATION BOCO: 13
BOPO: 34.5

Core Size

	From	To	Comments
HQ	0	41.7	
NQ	41.7	131.9	Hole designed to test the western strike extent of lodes intersected in PVD001 at 25m spacing on the lower high grade intersection
BQ			

Significant Intervals:

Hole ID	From	To	Interval
PVD003	16.00	16.50	0.5m @ 5.83g/t Au
PVD003	31.50	32.00	0.5m @ 1.74g/t Au
PVD003	44.70	50.20	0.5m @ 0.86 g/t Au
PVD003	71.55	72.55	1m @ 0.83 g/t Au
PVD003	90.50	92.50	2m @ 0.7 g/t Au
PVD003	124.00	125.00	1m @ 0.8g/t Au

Downhole alteration				
From	To	Sericite	Sericite %	Qtz veining %
0.00	6.10			
6.10	21.00			1
21.00	22.50			
22.50	27.50			
27.50	47.00			
47.00	47.90	W	5	5
47.90	71.55			0.5
71.55	72.55	W	5	7
72.55	77.90			1
77.90	78.50	M	10	3
78.50	84.30	W	5	1
84.30	107.00	M	25	7
107.00	115.00	Tr	1	0.5
115.00	121.80	W	5	0.5
121.80	125.00	M	25	7
125.00	131.90			0.5

Project	Prospect	BHID	Depth	Azimuth	Dip
Lisle	Panama	PVD003	0	156	-50
Lisle	Panama	PVD003	40	161	-51
Lisle	Panama	PVD003	80	159.5	-50.5
Lisle	Panama	PVD003	120	164	-49.5

Hole ID	At	Core angle	Structure type	Comments	Azimuth	Dip	Struc ID
PVD003	11.7	50	Bnd	haematite banding			
PVD003	16.5	45	Vn	5cm qtz vein, no visible sx			
PVD003	22.4	45	Fr	limonitic fracture			
PVD003	23.4	42	Fr	limonitic fracture			
PVD003	26	38	Bnd	biotite alteration purplish bands			
PVD003	28.3	50	Bnd	possible S0 spotting and semi-pervasive silica			
PVD003	28.6	55	Fr	limonitic fracture			
PVD003	30.7	40	Fr	limonitic fracture			
PVD003	31.8	45	Vn	5cm milky quartz vein trace sx			
PVD003	33.05	35	Bnd	purplish coloured banding, biotite?			
PVD003	35.6	40	Fr	limonitic fracture			
PVD003	35.8	10	Fr	weakly limonitic clean fracture			
PVD003	38.8	40	Fr	clean fracture			
PVD003	39.5	38	Bnd	spotted banding with semi-pervasive silica banding			
PVD003	40.3	35	Vn	3mm milky quartz vein			
PVD003	42	40	Fr	clean fracture			
PVD003	44.85	35	Vn	3cm milky quartz vein trace sx			
PVD003	49.45	32	Vn	4mm milky quartz vein, pyritic selvages			
PVD003	59.3	55	Bnd	semi-pervasive silica banding and banded hornfels spotting			
PVD003	65.3	30	Vn	vuggy quartz vein, trace py			
PVD003	65.9	45	Fr	clean fracture			
PVD003	69.2	30	Vn	milky quartz vein			
PVD003	72.2	30	Vn	4cm quartz vein with 10% sx (py>>Aspy)			
PVD003	76.2	55	Vn	3mm quartz vein, py selvedge			
PVD003	77.6	40	Vn	series of four vuggy 1mm quartz vein			
PVD003	78.1	45	Vn	2cm quartz vein with 15% sx (py=Aspy)			
PVD003	83.5	80	Fr	clean fracture			
PVD003	85	40	Vn	1cm quartz vein, sx selvages			
PVD003	86	55	Vn	5mm quartz vein, sx selvages			
PVD003	90.7	45	Vn	5mm quartz vein, sx selvages			
PVD003	90.8	45	Vn	2cm quartz-sphal-py-Aspy vein with 5% sx			
PVD003	91.5	45	Vn	2cm quartz vein, 10%sx (Aspy>py)			
PVD003	92	25	Vn	4cm quartz-Aspy-sphal-py vein (7% sx)			
PVD003	94.2	45	Vn	2cm quartz-py>Aspy vein (5% sx)			
PVD003	95.5	50	Vn	2cm quartz-Aspy(3%) vein			
PVD003	95.9	30	Vn	4cm quartz vein, trace sx			
PVD003	97.4	25	Vn	pair of 4.5 and 3cm quartz, trace py>Aspy in selvedge and conspicuous spotty sphalerite			
PVD003	105.5	50	Vn	1cm quartz-sx banded vein			
PVD003	106.55	60	Vn	4cm quartz-sx weakly banded vein			
PVD003	115.6	30	Vn	4cm breccia vein, trace py			
PVD003	120.5	30	Vn	sx vein, 10% py and Aspy			
PVD003	122	30	Vn	3cm quartz vein with intense sericitic halo to 5cm			

Frontier Resources		Drill Core Recovery & RQD Log					
DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
PVD003	0	1.5	1.5	0.70	46.67	0.00	0.00
PVD003	1.5	3	1.5	0.90	60.00	0.00	0.00
PVD003	3	4.5	1.5	1.50	100.00	0.00	0.00
PVD003	4.5	6	1.5	1.10	73.33	0.00	0.00
PVD003	6	7.5	1.5	1.20	80.00	0.00	0.00
PVD003	7.5	9	1.5	1.45	96.67	0.12	8.00
PVD003	9	10.5	1.5	1.35	90.00	0.22	14.67
PVD003	10.5	12	1.5	1.30	86.67	0.44	29.33
PVD003	12	13.5	1.5	1.38	92.00	0.68	45.33
PVD003	13.5	15	1.5	1.46	97.33	0.88	58.67
PVD003	15	16.5	1.5	1.41	94.00	0.34	22.67
PVD003	16.5	18	1.5	1.46	97.33	0.77	51.33
PVD003	18	19.5	1.5	1.45	96.67	0.41	27.33
PVD003	19.5	21	1.5	1.40	93.33	0.00	0.00
PVD003	21	22.5	1.5	1.40	93.33	0.46	30.67
PVD003	22.5	24	1.5	1.41	94.00	1.21	80.67
PVD003	24	25.5	1.5	1.32	88.00	0.70	46.67
PVD003	25.5	27	1.5	1.22	81.33	0.50	33.33
PVD003	27	28.5	1.5	1.48	98.67	1.37	91.33
PVD003	28.5	30	1.5	1.30	86.67	0.60	40.00
PVD003	30	31.5	1.5	1.24	82.67	0.60	40.00
PVD003	31.5	33	1.5	1.40	93.33	0.48	32.00
PVD003	33	34.5	1.5	1.38	92.00	0.89	59.33
PVD003	34.5	36	1.5	1.25	83.33	0.75	50.00
PVD003	36	37.5	1.5	1.64	109.33	1.16	77.33
PVD003	37.5	39	1.5	1.39	92.67	0.34	22.67
PVD003	39	40.5	1.5	1.35	90.00	0.32	21.33
PVD003	40.5	41.7	1.2	1.02	85.00	0.44	36.67
PVD003	41.7	41.9	0.2	0.20	100.00	0.00	0.00
PVD003	41.9	44.9	3	2.50	83.33	0.35	11.67
PVD003	44.9	47.9	3	3.00	100.00	1.08	36.00
PVD003	47.9	50.9	3	3.10	103.33	1.37	45.67
PVD003	50.9	53.9	3	2.82	94.00	1.88	62.67
PVD003	53.9	56.9	3	2.82	94.00	1.98	66.00
PVD003	56.9	59.9	3	2.99	99.67	1.70	56.67
PVD003	59.9	62.9	3	2.93	97.67	1.58	52.67
PVD003	62.9	65.9	3	2.88	96.00	2.24	74.67
PVD003	65.9	68.9	3	2.85	95.00	1.80	60.00
PVD003	68.9	71.9	3	2.90	96.67	2.06	68.67
PVD003	71.9	77.9	6	5.70	95.00	2.81	46.83
PVD003	77.9	80.9	3	2.98	99.33	0.84	28.00
PVD003	80.9	83.9	3	3.00	100.00	2.04	68.00
PVD003	83.9	86.9	3	3.00	100.00	1.10	36.67
PVD003	86.9	89.9	3	2.96	98.67	2.65	88.33
PVD003	89.9	92.9	3	2.85	95.00	2.00	66.67
PVD003	92.9	95.9	3	2.90	96.67	1.32	44.00
PVD003	95.9	98.9	3	2.93	97.67	0.93	31.00
PVD003	98.9	101.9	3	2.95	98.33	1.03	34.33
PVD003	101.9	104.9	3	2.55	85.00	0.70	23.33
PVD003	104.9	107.9	3	2.65	88.33	1.73	57.67
PVD003	107.9	110.9	3	2.96	98.67	1.80	60.00
PVD003	110.9	113.9	3	3.07	102.33	1.93	64.33
PVD003	113.9	116.9	3	3.05	101.67	2.07	69.00
PVD003	116.9	122.9	6	5.75	95.83	3.78	63.00
PVD003	122.9	125.9	3	2.76	92.00	0.97	32.33
PVD003	125.9	128.9	3	2.84	94.67	0.70	23.33
PVD003	128.9	131.9	3	3.03	101.00	1.30	43.33

Drillhole Name	PVD003	Project	Lisle	Prospect Name	Panama
Sample ID	Composite No.	From (m)	To (m)	Likely elements to Assay	
200971		16.00	16.50	Au	
200972		31.50	32.00	Au	
PVD3A		44.70	50.20	Au	
PVD3B		63.00	63.50	Au	
PVD3C		71.55	72.55	Au	
PVD3D		78.00	78.50	Au	
PVD3E		84.00	85.00	Au	
PVD3F		85.00	86.00	Au	
PVD3G		90.50	91.50	Au	
PVD3H		91.50	92.50	Au	
PVD3I		92.50	93.50	Au	
PVD3J		93.50	94.50	Au	
PVD3K		94.50	95.50	Au	
PVD3L		95.50	96.50	Au	
PVD3M		96.50	97.50	Au	
PVD3N		97.50	98.50	Au	
PVD3O		98.50	99.50	Au	
PVD3P		99.50	100.50	Au	
PVD3Q		100.50	101.50	Au	
PVD3R		101.50	102.50	Au	
PVD3S		102.50	103.50	Au	
PVD3T		103.50	104.50	Au	
PVD3U		104.50	105.50	Au	
PVD3V		105.50	106.50	Au	
PVD3W		106.50	107.50	Au	
200973		115.30	115.80	Au	
200974		120.00	121.00	Au	
200975		121.00	122.00	Au	
200976		122.00	123.00	Au	
200977		123.00	124.00	Au	
200978		124.00	125.00	Au	

Drill Log

Frontier Resources Ltd

PROJECT: Lisle
PROSPECT: Panama
EL: EL2/1992
EASTING 523875.6
NORTHING 5440886
COLLAR RL: 233

HOLE NO: PVD004
DATE COMMENCED: 14/07/2006
DATE COMPLETED: 24/07/2006
TOTAL DEPTH (M): 179.9
AZIMUTH: 175
DIP: -50

DRILL TYPE: Diamond
DRILLER: Frontier Resources
LOGGED BY: JM and R Reid
DATE: 24/07/2006
OXIDATION BOCO: 6.3
BOPO: 33

Core Size

	From	To	Comments
HQ	0	31.5	
NQ	31.5	179.9	Hole designed to test the western strike extent of lodes intersected in PVD001 below the Wilson-Symonds workings at 39m spacing on the first high grade intersection and 50m spacing on the second high grade intersection
BQ			

Significant Intervals:

Hole_ID	From	To	Interval
PVD004	16.00	16.50	0.5m @ 1.27g/t Au
PVD004	18.00	18.50	0.5m @ 4.23g/t Au
PVD004	35.50	36.00	0.5m @ 7.5g/t Au
PVD004	60.50	61.00	0.5m @ 2.26g/t Au
PVD004	90.00	90.50	0.5m @ 2.68g/t Au
PVD004	147.00	148.00	1m @ 0.46g/t Au

Project	Prospect	BHID	Depth	Azm	Dip	Comments
Lisle	Panama	PVD004	0	175	-50	
Lisle	Panama	PVD004	53.9	181	-49	
Lisle	Panama	PVD004	80.9	178	-47.5	
Lisle	Panama	PVD004	122.9	180.5	-47	
Lisle	Panama	PVD004	179.9	175.5	-47	
Lisle	Panama	PVD004	150	178	-47	inferred for display purposes

Hole_ID	At	Core angle	Structure_type	Comments	Azimuth	Dip	Struc_ID
PVD004	16.3	45	VN	milky quartz vein			
PVD004	18.3	50	VN	milky quartz vein with trace sx			
PVD004	22	25	VN	QVN			
PVD004	43.6	10	VN	QVN 0.5cm			
PVD004	44.5	40	VN	QVN 0.5cm			
PVD004	60.8	45	VN	6cm q-asy-py vn			
PVD004	62.4		S0	lam bndd - S0?	335	80	W
PVD004	62.9	25	VN	6mm Qvn	70	28	E
PVD004	62.8	45	frac	cb-vnd frac	275	75	W
PVD004	62.65	60	frac	frac	290	67	W
PVD004	62.5	30	frac	frac	85	17	E
PVD004	140.9		VN	sil on frac	330	75	W
PVD004	140.9		VN	frac - sil-cb-vns	325	35	W
PVD004	140.9		VN	frac - sil-cb-vns	337	70	W

Frontier Resources

Drill Core Recovery & RQD Log

DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
PVD004	0.0	1.5	1.5	0.95	63.33	0.00	0.00
PVD004	1.5	3.0	1.5	1.30	86.67	0.00	0.00
PVD004	3.0	4.5	1.5	1.35	90.00	0.00	0.00
PVD004	4.5	6.0	1.5	1.50	100.00	0.00	0.00
PVD004	6.0	7.5	1.5	1.35	90.00	0.54	36.00
PVD004	7.5	9.0	1.5	1.45	96.67	0.32	21.33
PVD004	9.0	10.5	1.5	1.37	91.33	0.76	50.67
PVD004	10.5	13.5	3.0	2.64	88.00	0.90	30.00
PVD004	13.5	15.0	1.5	1.26	84.00	0.00	0.00
PVD004	15.0	16.5	1.5	1.20	80.00	0.57	38.00
PVD004	16.5	18.0	1.5	1.14	76.00	0.12	8.00
PVD004	18.0	19.5	1.5	1.21	80.67	0.56	37.33
PVD004	19.5	21.0	1.5	1.31	87.33	1.17	78.00
PVD004	21.0	22.5	1.5	1.22	81.33	0.82	54.67
PVD004	22.5	24.0	1.5	1.43	95.33	1.06	70.67
PVD004	24.0	25.5	1.5	1.15	76.67	0.67	44.67
PVD004	25.5	27.0	1.5	1.50	100.00	0.97	64.67
PVD004	27.0	28.5	1.5	1.20	80.00	0.77	51.33
PVD004	28.5	30.0	1.5	0.00	0.00	0.00	0.00
PVD004	30.0	31.5	1.5	0.20	13.33	0.00	0.00
PVD004	31.5	32.9	1.4	0.95	67.86	0.22	15.71
PVD004	32.9	35.9	3.0	2.80	93.33	1.36	45.33
PVD004	35.9	38.9	3.0	2.68	89.33	1.10	36.67
PVD004	38.9	41.9	3.0	2.28	76.00	1.01	33.67
PVD004	41.9	44.9	3.0	2.70	90.00	1.31	43.67
PVD004	44.9	47.9	3.0	2.24	74.67	0.70	23.33
PVD004	47.9	50.9	3.0	2.36	78.67	1.20	40.00
PVD004	50.9	53.9	3.0	2.75	91.67	2.18	72.67
PVD004	53.9	56.9	3.0	2.92	97.33	1.78	59.33
PVD004	56.9	59.9	3.0	2.79	93.00	1.90	63.33
PVD004	59.9	62.9	3.0	2.66	88.67	1.79	59.67
PVD004	62.9	65.9	3.0	2.78	92.67	1.48	49.33
PVD004	65.9	68.9	3.0	2.68	89.33	1.12	37.33
PVD004	68.9	71.9	3.0	2.86	95.33	0.32	10.67
PVD004	71.9	74.9	3.0	2.84	94.67	0.65	21.67

DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
PVD004	74.9	77.9	3.0	2.92	97.33	1.72	57.33
PVD004	77.9	80.9	3.0	2.76	92.00	1.02	34.00
PVD004	80.9	83.9	3.0	2.76	92.00	1.03	34.33
PVD004	83.9	86.9	3.0	2.59	86.33	0.97	32.33
PVD004	86.9	89.9	3.0	2.95	98.33	1.34	44.67
PVD004	89.9	92.9	3.0	2.93	97.67	1.47	49.00
PVD004	92.9	95.9	3.0	2.57	85.67	1.62	54.00
PVD004	95.9	98.9	3.0	3.20	106.67	1.47	49.00
PVD004	98.9	101.9	3.0	3.00	100.00	0.70	23.33
PVD004	101.9	104.9	3.0	2.85	95.00	1.30	43.33
PVD004	104.9	107.9	3.0	3.11	103.67	1.97	65.67
PVD004	107.9	110.9	3.0	2.73	91.00	0.73	24.33
PVD004	110.9	113.9	3.0	2.53	84.33	1.62	54.00
PVD004	113.9	116.9	3.0	2.84	94.67	2.00	66.67
PVD004	116.9	119.9	3.0	2.84	94.67	1.85	61.67
PVD004	119.9	122.9	3.0	2.89	96.33	1.37	45.67
PVD004	122.9	125.9	3.0	2.82	94.00	0.86	28.67
PVD004	125.9	128.9	3.0	2.90	96.67	2.54	84.67
PVD004	128.9	131.9	3.0	3.13	104.33	1.49	49.67
PVD004	131.9	134.9	3.0	2.70	90.00	1.31	43.67
PVD004	134.9	137.9	3.0	2.97	99.00	2.22	74.00
PVD004	137.9	140.9	3.0	2.34	78.00	0.49	16.33
PVD004	140.9	143.9	3.0	2.82	94.00	1.59	53.00
PVD004	143.9	146.9	3.0	3.01	100.33	1.57	52.33
PVD004	146.9	149.9	3.0	2.77	92.33	1.08	36.00
PVD004	149.9	152.9	3.0	2.80	93.33	0.74	24.67
PVD004	152.9	155.9	3.0	3.01	100.33	1.80	60.00
PVD004	155.9	158.9	3.0	3.10	103.33	1.00	33.33
PVD004	158.9	161.9	3.0	2.92	97.33	1.75	58.33
PVD004	161.9	164.9	3.0	2.96	98.67	2.41	80.33
PVD004	164.9	167.9	3.0	2.87	95.67	1.60	53.33
PVD004	167.9	170.9	3.0	3.08	102.67	2.12	70.67
PVD004	170.9	173.9	3.0	2.75	91.67	2.36	78.67
PVD004	173.9	176.9	3.0	2.83	94.33	1.68	56.00
PVD004	176.9	179.9	3.0	2.84	94.67	2.31	77.00
EOH							

Drillhole Name	PVD004	Project	Lisle	Prospect Name	Panama
Sample ID	Composite No.	From (m)	To (m)	Likely elements to Assay	
200979		16	16.5	Au	
200980		18	18.5	Au	
200981		35.5	36	Au	
200982		60.5	61	Au	
200983		70	70.5	Au	
200985		72	73	Au	
200986		73	74	Au	
200987		74	75	Au	
200988		87	87.5	Au	
200989		90	90.5	Au	
200990		95.1	95.6	Au	
200991		115.5	112.5	Au	
200992		112.5	113.5	Au	
200993		115	116	Au	
200994		139	140	Au	
200995		140	141	Au	
200996		141	142	Au	
200997		147	148	Au	
200998		148	149	Au	
200999		149	150	Au	
201000		150	151	Au	
200984	Sample # out of order	168.5	169	Au	

Drill Log**Frontier Resources Ltd**

PROJECT: Lisle
 PROSPECT: Gold Crest
 EL: EL2/1992
 EASTING 525608
 NORTHING 5441792
 COLLAR RL: 212

HOLE NO: **GCD001**
 DATE COMMENCED: 28/07/2006
 DATE COMPLETED: 7/08/2006
 TOTAL DEPTH (M): 125.4m
 AZIMUTH: 110
 DIP: -55

DRILL TYPE: Diamond
 DRILLER: Frontier Resources
 LOGGED BY: RR
 DATE: 8/08/2006
 OXIDATION BOCO: 48.5m
 BOPO:

Core Size		Comments
From	To	

HQ Hole designed to test beneath Gold Crest workings, which returned up to 24.75g/t Au in recent sampling (3oz/ton historical)
 NQ
 BQ

Significant Intervals:			
Hole ID	From	To	Interval
GCD001	31	35	4m @ 0.14g/t Au

Hole Number	GCD001	Sheet No	1	Mineralisation / Alteration and additional descriptors																		Other general comments:								
INTERVAL		ROCK CODES		Primary / Alt	Secondary Alt	Composition	Weathering	Pyrite	AsPy	Mo	Galena	Silica	Sericite	Chlorite	(Ca)CO3	Qtz vein	Other minerals / texture / colour					Full Description								
FROM (m)	TO (m)	Strat Code	Rock type				Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1		Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Colour		
0	1.5	Q	Q				vs																						Brown strongly oxidised clay / elluvium bearing angular Mathinna Bed clasts	
1.5	7.5	Q	Q				s																						Brown/orange strongly oxidised clay / elluvium bearing angular Mathinna Bed clasts and minor vein quartz fragments	
7.5	13.7	Dg	Dgr				m/s																						reddish/orange clay, highly weathered granodiorite (FeO(m)), locally micaceous	
13.7	23	Dg	Dgr				m																						moderately weathered clay after medium grained granodiorite	
23	27.5	Dg	Dgr																										ora/bn, moderately weathered clay after medium grained granodiorite, FeO(m) with locally rich zones, MnO(w/m)	
27.5	48.5	Dg	Dgrh																		Po	D	0.1			w			mostly weathered mg biotite-hornblende granodiorite, FeO(w/m) as stain and locally veinlets, local zones relict disseminated pyrrhotite to 5% e.g. @ 39 to 39.6m with fine MnO banding / veinlets	
48.5	59.9	Dg	Dgrh				D	0.1				P	w/w	P	w/w						Po	D	0.5			w			grey fresh medium grained biotite-hornblende granodiorite, minor zones pervasive silica-sericite to 30cm, pyrhh(0.5%), mag(w)	
59.9	62.9	Dg	Dgr	SiSer			D	0.5				P	w/m	P	w/m						P	w					m		pervasive sericite zone with weak pervasive carbonate?, sparse pinkish/silvery flakey mineral (a mica?, Lepidolite?)	
62.9	65.9	Dg	Dgrh										P	w							Po	D	0.5			w			grey mg biotite-hornblende granodiorite bearing brown pyrrhotite (0.5%), fractured(w), unfoliated; possibly late compared with more broken sericite altered biotite poor granodiorite.	
65.9	67	Dg	Dgr	SiSer								P	w/m	P	w/m						Vn	w					m		pale green mg hornblende (~25%) granodiorite, hornblende is altered to chlorite(w), pervasive sericite(+/-sil; w/m) having locally sharp but typically diffuse margins over 1cm. Sharp margins with biot-hb-granodiorite	
67	75.4	Dg	Dgrh				D	0.1					P	w							Po	D	0.5			w			grey mg biotite-hornblende granodiorite bearing brown pyrrhotite (0.5%), fractured(w), unfoliated	
75.4	76.8	Dg	Dgr	SiSer			D	0.1				P	w	P	w						Po	D	0.5	Cpy	D	0	m/s		moderate to strongly broken mg granodiorite with diffuse edged semi-pervasive sil-ser(w)+/-py overprint	
76.8	83.9	Dg	Dgrh																		Po	D	0.5							mg biotite-hornblende granodiorite; @ 83.85 is a 5cm xenolith of fg/mg mafic granodiorite bearing foliation? aligned / banded hornblende (40%) bearing disseminated to semi-massive pyrrhotite 8%. This possibly represents carapace mineralisation at a forceful intrusion margin.
83.9	84.5	Dg	Dgrh	SiSer								P	w	P	w						Po	D	3							mg biotite-hornblende granodiorite
84.5	86.9	Dg	Dgrh																		Po	D	1							mg biotite-hornblende granodiorite
86.9	91.1	Dg	Dgrh																		Po	D	3							mg biotite-hornblende granodiorite
91.1	91.8	Dg	Dgrh	SiSer			D	0.1				P	w/m	P	m						Po	D	0.1							semi-pervasive sil-ser zone in granodiorite
91.8	100.3	Dg	Dgrh	SiSer			D	0.5				P	w	P	w						Po	D	0.5							mg equigranular locally weakly magnetic biot-hb granodiorite with disseminated pyrite (0.5%) and pyrrhotite (~0.5%), bearing a number of semi-pervasive/veined sil-ser +/-py+/-aspy zones. These zones are commonly diffuse edged with sulphide locally to 15% over several cm. Arsenopyrite growth is often in vugs; Notable zones include:- @92.95m 2cm of diffuse edged sil-py-aspy(1%), @93.6m 1cm AA, @97.85m 1cm q-aspy-py vn.
100.3	102.4	Dg	Dgrh	SiSer	QVN		D	0.5				P	m	P	m						Vn	5								Zone of strongest semi-pervasive/veined sil-ser +/-py+/-aspy in mg granodiorite; Semi-pervasive sil-ser altered intervals are typically <8cm with quartz veins to 2cm. Notable semi-perv zones @ 100.3, 100.5, 101.2-101.4, 102.1 & 102.35m.
102.4	109	Dg	Dgrh	SiSer			D	0.5				P	w	P	w						Po	D	0.5							mg equigranular locally weakly magnetic biot-hb granodiorite with disseminated pyrite (0.5%) and pyrrhotite (~0.5%), bearing a number of semi-pervasive/veined sil-ser +/-py+/-aspy zones. These zones are commonly diffuse edged with sulphide locally to 15% over several cm. Notable zones include:- @108.5-108.25m 5cm zone q-aspy(1%-py veining, @108.85m 2cm AA
109	125.4	Dg	Dgrh				D	0.1				P	w	P	w						Po	D	0.5							mg equigranular granodiorite (mafic ~20%)

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth	Dip	Struc_ID
GCD001	50.8	30	frac				
GCD001	59.8	50		Sil-Aspy on frac			
GCD001	63.8	70					
GCD001	68.5	30		frac			
GCD001	68.5	45		frac			
GCD001	70.8	15		frac			
GCD001	70.8	75		frac			
GCD001	80.8	60		frac			
GCD001	86	90		frac			
GCD001	93.6	80	VN	sil-asy py vn			
GCD001	97.85	70	VN	QVN			
GCD001	102.35	87	VN	QVN			
GCD001	108.5	85	VN	sil/q-asy py vn			
GCD001	108.85	85	VN	q-py-vn			
GCD001	112.8	25	frac	frac			
GCD001	112.9	5	frac	frac			
GCD001	113.6	50	frac	frac			
GCD001	121.3	85	frac	frac opposed to 121.5m frac			
GCD001	121.5	35	frac	frac			

Frontier Resources Ltd.			Drill Core Recovery & RQD Log						
DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %		
GCD001	0	1.5	1.5	1.1	73.33	1	66.67		
GCD001	1.5	3	1.5	1.05	70.00	0.8	53.33		
GCD001	3	4.5	1.5	1.3	86.67	0.75	50.00		
GCD001	4.5	6	1.5	1.2	80.00	0.8	53.33		
GCD001	6	7.5	1.5	1.25	83.33	0.75	50.00		
GCD001	7.5	10.5	3	2.4	80.00	0	0.00		
GCD001	10.5	12	1.5	1.05	70.00	0	0.00		
GCD001	12	13.5	1.5	1.35	90.00	0	0.00		
GCD001	13.5	15	1.5	1.45	96.67	0	0.00		
GCD001	15	16.5	1.5	1.25	83.33	0	0.00		
GCD001	16.5	18	1.5	1	66.67	0.2	13.33		
GCD001	18	19.5	1.5	1.5	100.00	0	0.00		
GCD001	19.5	21	1.5	0.9	60.00	0.15	10.00		
GCD001	21	24	3	2.8	93.33	0.1	3.33		
GCD001	24	25.5	1.5	1.5	100.00	0.15	10.00		
GCD001	25.5	27	1.5	1.1	73.33	1	66.67		
GCD001	27	28.5	1.5	1.1	73.33	0	0.00		
GCD001	28.5	30	1.5	1.5	100.00	0.4	26.67		
GCD001	30	31.5	1.5	1.4	93.33	0.6	40.00		
GCD001	31.5	33	1.5	1.5	100.00	0.5	33.33		
GCD001	33	34.5	1.5	1.4	93.33	0.5	33.33		
GCD001	34.5	36	1.5	1.1	73.33	0	0.00		
GCD001	36	37.5	1.5	1.5	100.00	0.6	40.00		
GCD001	37.5	39	1.5	1.5	100.00	0.7	46.67		
GCD001	39	40.5	1.5	1.5	100.00	1.25	83.33		
GCD001	40.5	43.1	2.6	2.6	100.00	1.3	50.00		
GCD001	43.1	44.9	1.8	1.3	72.22	0.55	30.56		
GCD001	44.9	47.9	3	2.7	90.00	0.95	31.67		
GCD001	47.9	50.9	3	3	100.00	1.4	46.67		
GCD001	50.9	53.9	3	3	100.00	0.9	30.00		
GCD001	53.9	56.9	3	3	100.00	2.1	70.00		
GCD001	56.9	59.9	3	3	100.00	0.7	23.33		
GCD001	59.9	62.9	3	3	100.00	0.8	26.67		
GCD001	62.9	65.9	3	3	100.00	1.45	48.33		
GCD001	65.9	68.9	3	3	100.00	1.4	46.67		
GCD001	68.9	71.9	3	3	100.00	2.4	80.00		
GCD001	71.9	74.9	3	3	100.00	2.1	70.00		
GCD001	74.9	77.9	3	3	100.00	1	33.33		
GCD001	77.9	80.9	3	3	100.00	1.65	55.00		
GCD001	80.9	83.9	3	3	100.00	2.8	93.33		
GCD001	83.9	86.9	3	3	100.00	3	100.00		
GCD001	86.9	89.9	3	3	100.00	2.9	96.67		
GCD001	89.9	92.9	3	3	100.00	2.15	71.67		
GCD001	92.9	95.9	3	3	100.00	2.9	96.67		
GCD001	95.9	98.9	3	3	100.00	3	100.00		
GCD001	98.9	101.9	3	3	100.00	2.6	86.67		
GCD001	101.9	104.9	3	3	100.00	2.8	93.33		
GCD001	104.9	107.9	3	3	100.00	2.95	98.33		
GCD001	107.9	110.9	3	3	100.00	2.8	93.33		
GCD001	110.9	113.9	3	3	100.00	2.95	98.33		
GCD001	113.9	116.9	3	3	100.00	2.6	86.67		
GCD001	116.9	119.9	3	3	100.00	2.85	95.00		
GCD001	119.9	122.9	3	3	100.00	3	100.00		
GCD001	122.9	125.4	2.5	2.5	100.00	2.5	100.00		

Frontier Resources Ltd.					Sample Intervals	
Project	Prospect	BHID	Spl_Id	Comp	From	To
Lisle	Gold Crest	GCD001	499203	499203C	7	8
Lisle	Gold Crest	GCD001	499204		8	9
Lisle	Gold Crest	GCD001	499205		9	10
Lisle	Gold Crest	GCD001	499206		10	11
Lisle	Gold Crest	GCD001	499207	499207C	11	12
Lisle	Gold Crest	GCD001	499208		12	13
Lisle	Gold Crest	GCD001	499209		13	14
Lisle	Gold Crest	GCD001	499210		14	15
Lisle	Gold Crest	GCD001	499211	499211C	15	16
Lisle	Gold Crest	GCD001	499212		16	17
Lisle	Gold Crest	GCD001	499213		17	18
Lisle	Gold Crest	GCD001	499214		18	19
Lisle	Gold Crest	GCD001	499215	499215C	19	20
Lisle	Gold Crest	GCD001	499216		20	21
Lisle	Gold Crest	GCD001	499217		21	22
Lisle	Gold Crest	GCD001	499218		22	23
Lisle	Gold Crest	GCD001	499219	499219C	23	24
Lisle	Gold Crest	GCD001	499220		24	25
Lisle	Gold Crest	GCD001	499221		25	26
Lisle	Gold Crest	GCD001	499222		26	27
Lisle	Gold Crest	GCD001	499223	499223C	27	28
Lisle	Gold Crest	GCD001	499224		28	29
Lisle	Gold Crest	GCD001	499225		29	30
Lisle	Gold Crest	GCD001	499226		30	31
Lisle	Gold Crest	GCD001	499227	499227C	31	32
Lisle	Gold Crest	GCD001	499228		32	33
Lisle	Gold Crest	GCD001	499229		33	34
Lisle	Gold Crest	GCD001	499230		34	35
Lisle	Gold Crest	GCD001	499231	499231C	35	36
Lisle	Gold Crest	GCD001	499232		36	37
Lisle	Gold Crest	GCD001	499233		37	38
Lisle	Gold Crest	GCD001	499234		38	39
Lisle	Gold Crest	GCD001	499235	499235C	39	40
Lisle	Gold Crest	GCD001	499236		40	41
Lisle	Gold Crest	GCD001	499237		41	42
Lisle	Gold Crest	GCD001	499238		42	43
Lisle	Gold Crest	GCD001	499239	499239C	43	44
Lisle	Gold Crest	GCD001	499240		44	45
Lisle	Gold Crest	GCD001	499241		45	46
Lisle	Gold Crest	GCD001	499242		46	47
Lisle	Gold Crest	GCD001	499243	499243C	47	48
Lisle	Gold Crest	GCD001	499244		48	49
Lisle	Gold Crest	GCD001	499245		49	50
Lisle	Gold Crest	GCD001	499246		50	51
Lisle	Gold Crest	GCD001	499247	499247C	51	52
Lisle	Gold Crest	GCD001	499248		52	53
Lisle	Gold Crest	GCD001	499249		53	54
Lisle	Gold Crest	GCD001	499250		54	55
Lisle	Gold Crest	GCD001	499251	499251C	55	56
Lisle	Gold Crest	GCD001	499252		56	57
Lisle	Gold Crest	GCD001	499253		57	58
Lisle	Gold Crest	GCD001	499254		58	59
Lisle	Gold Crest	GCD001	499255	499255C	59	60
Lisle	Gold Crest	GCD001	499256		60	61
Lisle	Gold Crest	GCD001	499257		61	62
Lisle	Gold Crest	GCD001	499258		62	63
Lisle	Gold Crest	GCD001	499259	499259C	63	64

Frontier Resources Ltd.					Sample Intervals	
Project	Prospect	BHID	Spl_Id	Comp	From	To
Lisle	Gold Crest	GCD001	499260		64	65
Lisle	Gold Crest	GCD001	499261		65	66
Lisle	Gold Crest	GCD001	499262		66	67
Lisle	Gold Crest	GCD001	499263	499263C	67	68
Lisle	Gold Crest	GCD001	499264		68	69
Lisle	Gold Crest	GCD001	499265		69	70
Lisle	Gold Crest	GCD001	499266		70	71
Lisle	Gold Crest	GCD001	499267	499267C	71	72
Lisle	Gold Crest	GCD001	499268		72	73
Lisle	Gold Crest	GCD001	499269		73	74
Lisle	Gold Crest	GCD001	499270		74	75
Lisle	Gold Crest	GCD001	499271	499271C	75	76
Lisle	Gold Crest	GCD001	499272		76	77
Lisle	Gold Crest	GCD001	499273		77	78
Lisle	Gold Crest	GCD001	499274		78	79
Lisle	Gold Crest	GCD001	499275	499275C	79	80
Lisle	Gold Crest	GCD001	499276		80	81
Lisle	Gold Crest	GCD001	499277		81	82
Lisle	Gold Crest	GCD001	499278		82	83
Lisle	Gold Crest	GCD001	499279	499279C	83	84
Lisle	Gold Crest	GCD001	499280		84	85
Lisle	Gold Crest	GCD001	499281		85	86
Lisle	Gold Crest	GCD001	499282		86	87
Lisle	Gold Crest	GCD001	499283	499283C	87	88
Lisle	Gold Crest	GCD001	499284		88	89
Lisle	Gold Crest	GCD001	499285		89	90
Lisle	Gold Crest	GCD001	499286		90	91
Lisle	Gold Crest	GCD001	499287	499287	91	92
Lisle	Gold Crest	GCD001	499288	499288	92	93
Lisle	Gold Crest	GCD001	499289	499289	93	94
Lisle	Gold Crest	GCD001	499290	499290	94	95
Lisle	Gold Crest	GCD001	499291	499291	95	96
Lisle	Gold Crest	GCD001	499292	499292	96	97
Lisle	Gold Crest	GCD001	499293	499293	97	98
Lisle	Gold Crest	GCD001	499294	499294	98	99
Lisle	Gold Crest	GCD001	499295	499295	99	100
Lisle	Gold Crest	GCD001	499296	499296	100	101
Lisle	Gold Crest	GCD001	499297	499297	101	102
Lisle	Gold Crest	GCD001	499298	499298	102	103
Lisle	Gold Crest	GCD001	499299	499299	103	104
Lisle	Gold Crest	GCD001	499300	499300	104	105
Lisle	Gold Crest	GCD001	200611	200611	105	106
Lisle	Gold Crest	GCD001	200612	200612	106	107
Lisle	Gold Crest	GCD001	200613	200613	107	108
Lisle	Gold Crest	GCD001	200614	200614	108	109
Lisle	Gold Crest	GCD001	200615	200615	109	110
Lisle	Gold Crest	GCD001	200616	200616	110	111
Lisle	Gold Crest	GCD001	200617	200617	111	112
Lisle	Gold Crest	GCD001	200618	200618	112	113
Lisle	Gold Crest	GCD001	200619	200619C	113	114
Lisle	Gold Crest	GCD001	200620		114	115
Lisle	Gold Crest	GCD001	200621		115	116
Lisle	Gold Crest	GCD001	200622		116	117
Lisle	Gold Crest	GCD001	200623	200623C	117	118
Lisle	Gold Crest	GCD001	200624		118	119
Lisle	Gold Crest	GCD001	200625		119	120
Lisle	Gold Crest	GCD001	200626		120	121
Lisle	Gold Crest	GCD001	200627	200627C	121	122
Lisle	Gold Crest	GCD001	200628		122	123
Lisle	Gold Crest	GCD001	200629		123	124
Lisle	Gold Crest	GCD001	200630		124	125

Drill Log**Frontier Resources Ltd**

PROJECT: Lisle
 PROSPECT: Gold Crest
 EL: EL2/1992
 EASTING 525860.0
 NORTHING 5441847.0
 COLLAR RL: 211

HOLE NO: GCD002
 DATE COMMENCED: 11/08/2006
 DATE COMPLETED: 17/08/2006
 TOTAL DEPTH (M): 100.4
 AZIMUTH: 123
 DIP: -45

DRILL TYPE: Diamond
 DRILLER: Frontier Resources Ltd.
 LOGGED BY: R Reid
 DATE: 18/08/2006
 OXIDATION BOCO: 30m
 BOPO: 53.5m

Core Size**Comments**

From To

Located 20.8m @ 314TN from LSD04 ~collar
 Hole designed to:-
 Test beneath LSD04, which returned 18m @ 0.78g/t Au from 1m; poor recovery 18%

HQ
 NQ
 BQ

Significant Intervals:

From	To	Interval	Au	
4	95	91	0.29	91m @ 0.29 g/t Au
27	43	16	0.93	including 16m @ 0.93 g/t Au
29	31	2	1.71	and 2m @ 1.71 g/t Au
38	43	5	1.40	and 5m @ 1.4 g/t Au
85.7	86.15	0.45	5.67	and 0.45m @ 5.67 g/t Au

Hole Number		GCD002	Sheet No	1	Mineralisation / Alteration and additional descriptors																		Other general comments:									
INTERVAL		ROCK CODES					Pyrite	AsPy	Mo	Galena	Silica	Sericite	Chlorite	(Ca)CO3	Qtz vein	Other minerals / texture / colour							Full Description									
FROM (m)	TO (m)	Strat Code	Rock type	Primary Alt	Secondary Alt	Composition	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style		Mineral 1	Style 1	Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Colour	
0	16.25	Sm	Sm		QVN		w/m																	Vn	vw						w/m	
16.25	20	Dg	Dg				m/s																						w		weathered lht bn / ora granodiorite	
20	20.5	Dg	Dg	QVN			m/s																Vn	w					s		broken zone comprising weathered lht bn / ora granodiorite with ~5% quartz vein fragments	
20.5	22	Dg	Dg				m/s																						w		weathered lht bn / ora granodiorite	
22	24.25	Dg	Dgrv				w/m																		Po	D	0.1		w/m		grey/lth bn weathered plagioclase-phyric(m, to 6mm) mg hornblende-biotite granodiorite, mafics ~30%, disseminated sulphide (tr)	
24.25	25.25	FALT	FALT	QVN			m/s																						s		poor recovery zone bearing fragments of milky buck quartz veining with chloritic selvages; probable fault	
25.25	28.5	Dg	Dgrv				m/s																								weathered (m/s) mg plag-phyric granodiorite	
28.5	29.65	Dg	Dgrv	OX			m/s	D	0.1																Po	D	0.5	He	Vn	w/m	weathered (m/s) mg plag-phyric granodiorite; locally 2% pyrrhotite (0.5% overall), disseminated pyrite(tr to 0.5%), mag(w), FeO (w/m) fractures	
29.65	30	Sm	Sm	OX	Si		w/m																								weakly silicified mg q-sst, FeO(w/m), broken zone at end interval in contact with granodiorite = fault?	
30	33.9	Dg	Dgrv	OX			w	D	0.1																				w	w	mostly weathered (w) plag(w/m)-phyric mg biot-hb granodiorite, FeO(w) on fracs, minor broken zones, dss py(tr - 0.5%)	
33.9	37.6	Dg	Dgrv				m	D	1																				w/m		plag(m)-phyric mg biot(m/s)-hb granodiorite, FeO(w) on fracs(w); @37.35m 8mm semi-translucent quartz vein @ 45LCA	
37.6	41.75	Dg	Dgrps					D	0.1																				w		grey plag(w)-phyric mg biot(m)-hb granodiorite, appears more q-rich with little feld in the gndmass w.r.t above, Minor dyke mg f(m)-phc from 40.8 - 41.1m	
41.75	42.65	Dg	Dg	OX																										s		lht bn weathered and broken granodiorite, mag(w), FeO(m)
42.65	43.1	Dg	Dge	Si																											zone of leucocratic granodiorite / vein dykes filling straight brittle fractures @-50LCA, some with diffuse margins, intruding feld(m)-phyric biot-rich granodiorite	
43.1	43.4	Dg	Dgrv	OX																											feld(m)-phyric biot-rich granodiorite, exhibits banding @-10 to 30LCA (flow aligned?), FeO(w/m)	
43.4	46.5	Dg	Dgrps	Si																											feld(w)-phyric granodiorite with semi-pervasive silica-rich / leucocratic zones and diffuse veinlets(w), mag(w)	
46.5	51.17	Dg	Dgrv					D	0.1																				vw		grey feld(m)-phyric biot-hb granodiorite, mag(w/m), @47.85m 6mm quartz vein @40LCA	
51.17	53.25	Dg	Dgrv					D	0.1																				m		lht bn feld(m)-phyric biot-hb granodiorite, FeO(w), mag(w/m)	
53.25	54.15	Dg	Dgrv					D	0.1																				vw		grey feld(m)-phyric biot-hb granodiorite, mag(w/m)	
54.15	54.35	Dg	Dge	Si																											leucocratic vein dyke / semi-pervasive silica zone	
54.35	58.75	Dg	Dgrps																												feld(w)-phyric mg granodiorite; @56m is fracture filling silica zone @70LCA	
58.75	59.35	Dg	Dgrv	OX																											grey feld(m)-phyric biot-hb granodiorite; FeO(m) on fractures @-70LCA	

Hole Number		GCD002	Sheet No	2	Mineralisation / Alteration and additional descriptors																	Other general comments:						
INTERVAL		ROCK CODES					Pyrite	AsPy	Mo	Galena	Silica	Sericite	Chlorite	(Ca)CO3	Qtz vein	Other minerals / texture / colour						Full Description						
FROM (m)	TO (m)	Strat Code	Rock type	Primary Alt	Secondary Alt	Composition	Weathering	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Mineral 1	Style 1		Amount	Mineral 2	Style 2	Amount	Broken (WMS)	Colour
59.35	59.49	QVN	QVN	QVN																								
59.49	59.9	Dg	Dgrv	OX																	He	Vn	m					grey feld(m)-phyric biot-hb granodiorite
59.9	66.4	Dg	Dgrps													Vn	vw											feld(w)-phyric fg/mg biot-hb granodiorite, @63.4m silica on fracs @ 55LCA
66.4	66.9	Dg	Dgrv				D	0.5													Po	D	2					feld(m)-phyric biot-hb mg granodiorite dyke or xenolith?, contacts are diffuse over 1cm @-25 & 35LCA, mag(w)
66.9	71.5	Dg	Dgrps																		Po	D	0.5					feld(w)-phyric biot-hb granodiorite with leucocratic zones(w/m) and a sharp but irregular contact @-45LCA with hornfels down hole.
71.5	78.5	Sm	Sm	QVN																Vn	w							grey hornfels with minor thin dykes mg feld(m)-phc biotite granodiorite; quartz veining (w, 1%), eg. milky qvn @ 73.1, 73.2, 73.6, 73.9, 74.15, 75.4m, @77.45m is a 4cm q+/-py(tr) vein
78.5	80.9	Dg	Dgrv				D	0.5												Vn	vw	Po	D	1		vw		pyrrh(locally 2%), dss py(to 1% locally on core breaks), quartz veining(tr), relatively sharp contact with
80.9	83.9	Dg	Dgrv				D	0.5												Vn	vw							grey mg feld(m/s)-phyric biot-hb granodiorite, @81.35m is 5mm qvn @45LCA, @81.6m is 3cm vein dyke / aplite incl dss py(tr), dss py reduces from 0.5 to trace by interval end.
83.9	84.8	Dg	Dgrv		Si		D	0.1			P	w																feld(m)-phc biotitic granodiorite, xenoliths to 10cm of fg/mg feld(w)-phc granodiorite and hornfels fg sst to 3cm(@84.75m). Sharp basal contact @25LCA, with pervasive biotite extending 3cm into hornfels margins.
84.6	84.7	Dg	Dgrv	SiSer			Vn	5			P	m	P	m														Zone of semi-pervasive silica(m)-sericite(m), including a 5mm band of msv pyrite on a fracture @45LCA
84.8	85.75	Sm	Sm	SiSer			Vn	0.1			P	w/m	P	w											w/m			pale gn/bn hornfels fg sst, trace sil-py veinlets on fractures
85.75	86.15	Sm	Sm	QVN	SiSer		Vn	5	Vn	2					Vn	0.1	P	w/m	P	m			Vn	vw	Vn	m		lht gn fg hornfels sandstone, quartz veined and sulphide-carbonate veined zone; comprises 2 primary quartz veins or 4-5 and 6cm (30%) with py-cb-asp-py-gal-vns(5%). From 85.8 to 85.9 the 4 to 5cm vein bears euhedral aspy & quartz as margin vug fill with dendritic pyrite (+/-cpy?) as crack fill stringer, also minor gal(<0.5%). From 86.09 to 86.15 the quartz vein bears sparse py & aspy(<0.5%)
86.15	86.55	Dg	Dgrv	SiSer	QVN		Vn	1	Vn	1					P	m/s	P	m/s					Vn	w				feld(m)-phc granodiorite with semi-pervasive sil-ser overprint(m/s), q-vnlts +/-sulphide(5%)
86.55	87	Dg	Dgrv																									feld(m)-phc granodiorite with lower contact @35LCA
87	88.35	Sm	Sm				D	0.5																	w/m			lht gn/bn ser(w) fg/mg hornfels, py on fracs(0.5%), including 2 granodiorite dykes @45LCA @87.4-87.5 & 88.25-88.37m
88.35	89.45	Sm	Sm	SiSer			D	0.5			Vn	w/m	Vn	w/m														lht gn/bn hornfels, sil-ser(w/m) veinlets as haloes on fractures(<2cm), mag(w), py on fracs(0.5%)
89.45	89.75	Dg	Dgrv	Ser	Ch								P	w	P	w										s		mg feld(m)-phc granodiorite dyke, ser(w), ch(w)
89.75	90.8	Sm	Sm	SiSer			D	0.5			Vn	w/m	Vn	w/m														lht gn/bn hornfels, sil-ser(w/m) veinlets as haloes on fractures(<2cm), mag(w), py on fracs(0.5%)
90.8	93.1	Dg	Dgrv								Vn	vw									Po	D	1					mg feld(m)-phc granodiorite, mag(w), includes @ 92.9m 3cm semi-pervasive silica-tourmaline? Zone and 92.9-93m 2cm milky buck quartz vein @10LCA
93.1	93.25	Sm	Sm	SiSer							Vn	w	Vn	w/m												w/m		hornfels sandstone
93.25	93.4	Dg	Dgrv																									mg feld(m)-phc granodiorite
93.4	94.3	Sm	Sm																									hornfels sandstone
94.3	95.15	FALT	FALT				D	2																		m/s		Broken ground - probable brittle fault comprises mixed granodiorite and hornfels with pervasive sil(m)-ser(m), ch(w)-dsspy(1%), py on fracs 1%, @94.4m clast chert with dss py 3%.
95.15	95.55	Sm	Sm	SiSer							Vn	w	Vn	w														gn/bn fg hornfels sandstone, sil-ser(w), at lower margin is a broken / faulted quartz vein overprinted by pervasive biotite & late sil-ser semi-perv veinlet
95.55	96.2	Dg	Dgrps	SiSer							Vn	m	Vn	m														mostly feld(w)-phyric granodiorite with pgn sil-ser(m) overprint, vein dyke fragments at bottom contact
96.2	96.8	Sm	Sm	SiSer							Vn	w/m	Vn	w/m												m		lht gn fg hornfels sandstone, sil-ser(w/m)
96.8	97.5	Dg	Dg								P	w									Po	D	0.5			w		mg biot-hb granodiorite, common sil-pyrrh(1%) segregations, mag(w), pyrrh(0.5% overall), similar to Gold Crest (GCD001) intrusions, 30LCA upper & 70LCA lower sharp contacts
97.5	100.4	Sm	Sm				D	0.1			P	w														w		fg hornfels sandstone, sil-py(tr)

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth	Dip	Struc_ID	Sense
GCD002	4.5	30	S0	So?				
GCD002	6	40		MnO fracture surfaces opposing So?				
GCD002	15	20	S0	banding S0?				
GCD002	15	20	S0	banding S0?				
GCD002	15.6	45		q-ch-vnlt				
GCD002	15.6	55	frac	frac				
GCD002	31	75	frac	frac				
GCD002	31.1	45	frac	FeO frac/vn				
GCD002	31.1	20	frac	FeO frac/vn opposing above				
GCD002	33.1	50	frac	frac				
GCD002	37.35	45	VN	qvn 8mm				
GCD002	38.1	30	frac	FeO frac				
GCD002	38.9	5	frac	frac				
GCD002	39.7	45	frac	frac				
GCD002	42.65	45	frac	frac				
GCD002	42.75	40	VN	qvn opposing frac above				
GCD002	43.2	30		flow foliation?				
GCD002	56	70	frac	sil zone on frac				
GCD002	59.35	30	VN	milky qvn				
GCD002	62.4		frac	py painted frac	280	50		W
GCD002	62.8	90	frac		200	53		W
GCD002	63	50	frac	sil-py	185	70		W
GCD002	63.1	25	frac		175	80		E
GCD002	63.3	45	VN	sil-ser-ch-py-vnlt	350	13		W
GCD002	63.4	55	frac	sil on frac				
GCD002	73	75	frac		195	50		W
GCD002	73.2		cb-vn/frac		205	67		W
GCD002	73.22		frac/joint	cb-vnd	340	20		W
GCD002	73.25	30	frac/fault	slickensided thrust, downhole to W - weak evid, with q-py-asy-vn 0.5cm	30	5		E
GCD002	73.25		stria	plunge to 230 on above				
GCD002	77.45	30	VN	4cm q-py-vn				
GCD002	78.25	45	VN	qvn				
GCD002	78.3	60	frac	frac				
GCD002	78.3	30	frac	frac opposing above				
GCD002	79.1	45	frac	frac				
GCD002	84.7	25	contact	Sm / Dg contact				
GCD002	85.8	30	VN	4cm q-py-asy-vn				
GCD002	86	35	VN	py vein on frac				
GCD002	86.05	85	frac	py frac	230	45		W
GCD002	86.1	60	VN	qvn				
GCD002	86.3	70	VN	qvn				
GCD002	87	40	contact	Sm / Dg contact				
GCD002	90	45	frac					
GCD002	90.7	30	contact	Sm / Dg contact				
GCD002	92.9	10	VN	milky qvn				
GCD002	95.3	30	contact	Sm / Dg contact				
GCD002	96.2	70	contact	Sm / Dg contact				
GCD002	97.5	65	contact	Sm / Dg contact				
GCD002	97.6	45	contact	Sm / Dg contact				

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Drill Core Recovery & RQD Log

DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
	0	1.5	1.5	1.25	83.33	0.25	16.67
0	1.5	3	1.5	1.5	100.00	0.5	33.33
0	3	4.5	1.5	1.5	100.00	0.45	30.00
0	4.5	6	1.5	1.5	100.00	0.5	33.33
0	6	7.5	1.5	1.5	100.00	0.5	33.33
0	7.5	9	1.5	1.5	100.00	0.35	23.33
0	9	10.5	1.5	1.5	100.00	0.95	63.33
0	10.5	12	1.5	1.5	100.00	0.5	33.33
0	12	13.5	1.5	1.4	93.33	0.8	53.33
0	13.5	15	1.5	1.5	100.00	0.8	53.33
0	15	16.5	1.5	0.8	53.33	0.2	13.33
0	16.5	18	1.5	0.8	53.33	0.45	30.00
0	18	19.5	1.5	1	66.67	0	0.00
0	19.5	21	1.5	1.1	73.33	0.3	20.00
0	21	22.5	1.5	1	66.67	0.2	13.33
0	22.5	24	1.5	1.5	100.00	0.6	40.00
0	24	25.5	1.5	0.65	43.33	0.2	13.33
0	25.5	27	1.5	1.5	100.00	0	0.00
0	27	28.5	1.5	1.35	90.00	0	0.00
0	28.5	30	1.5	1.15	76.67	0.2	13.33
0	30	31.5	1.5	1.5	100.00	1.5	100.00
0	31.5	32.9	1.4	1.1	78.57	0.6	42.86
0	32.9	35.9	3	3	100.00	1.55	51.67
0	35.9	38.9	3	2.55	85.00	1.65	55.00
0	38.9	41.9	3	2.3	76.67	1.6	53.33
0	41.9	44.9	3	2.9	96.67	1.95	65.00
0	44.9	47.9	3	3	100.00	1.8	60.00
0	47.9	50.9	3	2.45	81.67	1.4	46.67
0	50.9	53.9	3	3	100.00	1.3	43.33
0	53.9	56.9	3	3	100.00	1.85	61.67
0	56.9	59.9	3	3	100.00	1.7	56.67
0	59.9	62.9	3	3	100.00	2.25	75.00
0	62.9	65.9	3	3	100.00	2.5	83.33
0	65.9	68.9	3	3	100.00	1.95	65.00
0	68.9	71.9	3	3	100.00	2.05	68.33
0	71.9	74.9	3	3	100.00	1.25	41.67
0	74.9	77.9	3	3	100.00	1.7	56.67
0	77.9	80.9	3	3	100.00	2.4	80.00
0	80.9	83.9	3	3	100.00	2.5	83.33
0	83.9	86.9	3	3	100.00	1.5	50.00
0	86.9	89.9	3	3	100.00	0.65	21.67
0	89.9	92.9	3	3	100.00	1.5	50.00
0	92.9	95.9	3	3	100.00	0.6	20.00
0	95.9	98.9	3	3	100.00	2.1	70.00
0	98.9	100.4	1.5	1.5	100.00	0.9	60.00

Drill Log**Frontier Resources Ltd**

PROJECT: Lisle
PROSPECT: Gold Crest
EL: EL2/1992
EASTING 525764
NORTHING 5441628
COLLAR RL: 150.5

HOLE NO: GCD003
DATE COMMENCED: 24/08/2006
DATE COMPLETED: 30/08/2006
TOTAL DEPTH (M): 47.9
AZIMUTH: 114
DIP: -45

DRILL TYPE: Diamond
DRILLER: Frontier Resources Ltd.
LOGGED BY: R Reid
DATE: 24/08/2006
OXIDATION BOCO: 36.9m
BOPO: 40m

Core Size	
From	To

Comments

HQ	Hole designed to:-
NQ	Test Au in 325ppb C-horiz & 1210ppb B-horiz soil anomaly on NE trending Gold Crest soil anomaly
BQ	No camera surveys were done on this hole, no core recovery information was collected

Significant Intervals:			
Hole_ID	From	To	Interval

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth	Dip	Struc_ID	Sense
GCD003	37	85	frac					
GCD003	37.1	40	frac					
GCD003	39.1	70	vn	cb-q-vn				
GCD003	40.4	10	vn	q-vnlt				
GCD003	40.5	45	vn	q-vnlt				
GCD003	40.7	60	vn	q-cb-vnlt				
GCD003	43.4	50	frac					
GCD003	43.7	90	frac					
GCD003	44.2	45	frac					
GCD003	45	90	frac					
GCD003	45.8	80	frac		350	-45		W
GCD003	45.9	30	frac		5	-65		E
GCD003	46.8	35	frac	in sil-ser zone				

Frontier Resources Ltd					Sample Intervals	
Project	Prospect	BHID	Spl_Id	Spl_comp	From	To
Lisle	Gold Crest	GCD003		4m	8	9
Lisle	Gold Crest	GCD003	1		9	10
Lisle	Gold Crest	GCD003	2		10	11
Lisle	Gold Crest	GCD003	3		11	12
Lisle	Gold Crest	GCD003	4	4m	12	13
Lisle	Gold Crest	GCD003	5		13	14
Lisle	Gold Crest	GCD003	6		14	15
Lisle	Gold Crest	GCD003	7		15	16
Lisle	Gold Crest	GCD003	8	4m	16	17
Lisle	Gold Crest	GCD003	9		17	18
Lisle	Gold Crest	GCD003	10		18	19
Lisle	Gold Crest	GCD003	11		19	20
Lisle	Gold Crest	GCD003	12	4m	20	21
Lisle	Gold Crest	GCD003	13		21	22
Lisle	Gold Crest	GCD003	14		22	23
Lisle	Gold Crest	GCD003	15		23	24
Lisle	Gold Crest	GCD003	16	4m	24	25
Lisle	Gold Crest	GCD003	17		25	26
Lisle	Gold Crest	GCD003	18		26	27
Lisle	Gold Crest	GCD003	19		27	28
Lisle	Gold Crest	GCD003	20	4m	28	29
Lisle	Gold Crest	GCD003	21		29	30
Lisle	Gold Crest	GCD003	22		30	31
Lisle	Gold Crest	GCD003	23		31	32
Lisle	Gold Crest	GCD003	24	4m	32	33
Lisle	Gold Crest	GCD003	25		33	34
Lisle	Gold Crest	GCD003	26		34	35
Lisle	Gold Crest	GCD003	27		35	36
Lisle	Gold Crest	GCD003	28	1m	36	37
Lisle	Gold Crest	GCD003	29	1m	37	38
Lisle	Gold Crest	GCD003	30	1m	38	39
Lisle	Gold Crest	GCD003	31	1m	39	40
Lisle	Gold Crest	GCD003	32	1m	40	41
Lisle	Gold Crest	GCD003	33	4m	41	42
Lisle	Gold Crest	GCD003	34		42	43
Lisle	Gold Crest	GCD003	35		43	44
Lisle	Gold Crest	GCD003	36		44	45
Lisle	Gold Crest	GCD003	37	3m	45	46
Lisle	Gold Crest	GCD003	38		46	47
Lisle	Gold Crest	GCD003	39		47	47.9

Drill Log**Frontier Resources Ltd**

PROJECT: Lisle
 PROSPECT: Gold Crest
 EL: EL21/1999
 EASTING 525881
 NORTHING 5441878
 COLLAR RL: 219

HOLE NO: **GCD004**
 DATE COMMENCED: 1/09/2006
 DATE COMPLETED: 8/09/2006
 TOTAL DEPTH (M): 99
 AZIMUTH: 123
 DIP: -45

DRILL TYPE: Diamond
 DRILLER: Frontier Resources Ltd.
 LOGGED BY: R Reid
 DATE: 1/09/2006
 OXIDATION BOCO: 2.5
 BOPO: 26

Core Size		Comments
From	To	

HQ Hole designed to:-
 NQ Test strike potential of the LSD04 area and target Trench 7, returning 40m @ 0.18g/t Au;
 BQ Trench 12 returns 0.44g/t Au at the SE end of the anomalous Trench 7 zone.

Significant Intervals:			
Hole ID	From	To	Interval
GCD004	92	93	1m @ 1.08 g/t Au

Hole Number	GCD004	Sheet No	1	Mineralisation / Alteration and additional descriptors																	Other general comments:					
INTERVAL		ROCK CODES		Primary Altn	Secondary Altn	Composition	Pyrite	AsPy	Mo	Galena	Silica	Sericite	chlorite	(Ca)CO3	Qtz vein	Other minerals / texture / colour					Full Description					
FROM (m)	TO (m)	Strat Code	Rock type			Weathering	Amount % Style	Amount (WMS) Style	Amount (WMS) Style	Amount (WMS) Style	Amount (WMS) Style	Mineral 1	Style 1	Amount	Mineral 2	Style 2		Amount	Broken (WMS)	Colour						
0	2.5	Q	Q			s																		brown elluvium bearing Mathinna Bed sandstone fragments to ~10cm		
2.5	9.1	Sm	Sm		OX	m												OX	P	w			m	crm & tan weathered and broken fine grained sandstone with minor lisagang banding		
9.1	9.6	FALT	FALT	OX		m/s												OX	Vn	m			s	broken hornfels sandstone with minor FeO veinlets and including a 15cm clayey fault gouge zone		
9.6	12	Sm	Sm		OX	w/m												OX	P	w			m	crm & tan weathered and broken fine grained sandstone with minor lisagang banding		
12	12.5	Sm	Sm		OX	w/m												OX	P	w/m			w/m	hornfels, minor siliceous(w) overprint, possibly with biotite? Weathered to FeO(w/m)		
12.5	19.5	Sm	Sm			w/m																	m	crm to lht bn fine grained sandstone / hornfels		
19.5	20	Sm	Sm	QVN	MICA	w/m										Vn	w	OX	Vn	w	Bi	Vn	w/m	w/m	quartz veined zone(3%) within hornfels fg sandstone with pervasive silica(w) overprint. Two principal quartz veins of 0.6cm (70LCA) vand 0.8cm(45LCA) are shattered appearing with FeO(m) infill after biotite?	
20	21.4	Sm	Sm			w																		w	massive fine grained sandstone	
21.4	21.7	QVN	QVN	QVN	MICA	w										Vn	s				Bi	Vn	m	w	appears folded with vergence uphole to the east. The vein is also shattered appearing with interstitial lht bn coarse grained mica / biotite. Fine grained biotite also forms vein selvages to ~2cm with hornfels.	
21.7	26	Ss	Ss		OX	w												OX	P	w/m					crm/lht pk thin bdd siltstone / fg sandstone, hm(w/m)	
26	32	Sm	Sm		QVN											Vn	vw	OX	P	w					FeO/Hm(w)	
32	35.2	Sm	Sm		QVN											Vn	vw	OX	P	w/m					lht bn/gray fg/mg hornfels sandstone, FeO(w/m), 5mm quartz vein @ 32.7m, siliceous haloes on sub parallel to core fractures from 31.5 to 32m	
35.2	35.3	QVN	QVN	QVN												Vn	vs								10cm milky buck quartz vein	
35.3	40.3	Ss	Ss		QVN											Vn	w	OX	P	w				s	Probable faulted zone in strongly broken lht bn and purplish laminated bedded siltstone and fg sandstone, lisagang bndd(w), hm(w), sil-biot-q-vnd(w, comprising 2 by 5mm), minor FeO in pervasive sil vnd selvages	
40.3	40.8	FALT	FALT																						s	Shear zone in siltstone and fg sandstone
40.8	41.2	Ss	Ss		QVN											Vn	w	OX	P	w				s	Probable faulted zone in strongly broken lht bn and purplish laminated bedded siltstone and fg sandstone, lisagang bndd(w), hm(w), sil-biot-q-vnd(w, comprising 2 by 5mm), minor FeO in pervasive sil vnd selvages	
41.2	45.5	Sm	Sm		OX													OX	Vn	w				w	fg/mg hornfels sandstone, hm(w), FeO(w) veinlets	
45.5	47	Sm	Sm																					m	broken zone, fg/mg hornfels sandstone	
47	48.2	Sm	Sm																					w	grey fg hornfels	
48.2	49.5	Sm	Sm																					m	broken zone, fg/mg hornfels sandstone	
49.5	54	Sm	Sm		QVN																			vw	grey fg hornfels; incl 1.5cm milky buck quartz vein @ 50.78	
54	75.3	Sm	Sm	SISX	QVN		Vn	0.5								Vn	w	OX	Vn	w				w	Interval of semi-pervasive crm & grey siliceous zones(to 5% overall) comprising semi-pervasive sil+/-biot-py(0.5% overall, locally 5%) in grey and locally lht bn fine grained sandstone, also bearing quartz veins(0.5%, vw) from 2 to 15mm (40LCA @ 55.8m; 20LCA @ 74.3m). Semi-perv silica zones of 5 to 20cm width are commonly @ 20 to 25LCA (except 60LCA @55.3m), equivalent to the thrust fault orientation in GCD002. FeO lined fractures are common at 45, 80, 24 and 10LCA. See structure for further LCA's detail.	
75.3	87.5	Sm	Sm																						w	grey fine grained sandstone / hornfels
87.5	87.8	Sm	Sm		QVN											Vn	m									grey fine grained sandstone / hornfels, quartz-vnd(15%; 2cm vns) @40LCA, opposing fracs at 45LCA
87.8	92.3	Sm	Sm				Vn	0.1								Vn	vw									grey fine grained sandstone / hornfels, @89m is a 6mm py-q-vn @60LCA
92.3	93.6	Sm	Sm		QVN				Vn	3						Vn	vw	Vn	w/m					m/s	broken quartz veined (~3%) zone with probable minor etched carbonate, including an ~10cm quartz-arsenopyrite(3%) broken vein in the interval 92.6 to 97m	
93.6	99	Sm	Sm													Vn	vw							m	broken grey fine grained hornfels, fractures at 45,10, 30 & 60LCA, @95.65m 1cm milky buck quartz vein	

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth	Dip	Struc_ID	Sense
GCD004	19.6	70	VN	quartz vein				
GCD004	19.8	45	VN	quartz vein				
GCD004	20.4	25	VN	quartz vein				
GCD004	27.1		frac/joint	FeOx (w)	185	90		
GCD004	25.8		s0?	liesegang	20	88		
GCD004	27.1		fracture		50	10		
GCD004	27.4	15	fracture	minor biotite and FeOx	115	75		
GCD004	27.5	45	fracture	minor biotite	260	70		W
GCD004	27.4	30	s0?	liesegang	20	55		E
GCD004	27.3	45	fracture		305	30		W
GCD004	27.6	30	fracture		85	30		
GCD004	27.8	60	fracture		190	65		W
GCD004	27.7	20	fracture		285	85		W
GCD004	28.4	40	vn	sil-biot, dendritic py adjacent	80	20		E
GCD004	28.1		fracture		355	15		
GCD004	28.2		vn	FeOx veinlet	185	45		
GCD004	28.7	40	vn	qtz+-biot vein, irreg but straight	265	50		
GCD004	28.5	45	vn	FeOx veinlet	35	5		E
GCD004	28.8	25	vn	FeOx veinlet, sinstral offset on qvn 1cm equal to regional linears	150	85		E
GCD004	29.2	30	vn	q+-biotite selvege vein	288	45		
GCD004	28.9	88	fracture		355	45		
GCD004	29.3	45	fracture	FeOx coated fracture, sinstral offset 2mm on fracture below	150	82		E
GCD004	29.3	35	fracture	FeOx on fracture	20	20		E
GCD004	29.3	45	fracture		240	60		W
GCD004	29.6	30	fracture	fracture and weathered thin bedded and pyrite	85	25		E
GCD004	54.5	20	VN	semi-perv sil-biot-py				
GCD004	55.3	60	VN	semi-perv sil-py				
GCD004	55.8	40	VN	quartz vein				
GCD004	57.1	80	frac	FeO lined fracture / joint				
GCD004	57.2	10	frac	FeO lined fracture / joint				
GCD004	58.8	25	frac	FeO lined fracture / joint				
GCD004	59.7	45	frac	FeO lined fracture / joint				
GCD004	65.7	25	VN	semi-perv sil-py				
GCD004	70.1	20	VN	semi-perv sil-py				
GCD004	73.7	25	VN	semi-perv sil-py				
GCD004	74	25	VN	semi-perv sil-py				
GCD004	74.3	20	VN	quartz-py vein				
GCD004	75.2	50	VN	Sil-py vn				
GCD004	75.2	45	VN	Sil-py vn				
GCD004	76	20	frac	location approx				
GCD004	80	15	frac	location approx				
GCD004	85	45	frac	location approx				
GCD004	87.6	40	VN	quartz vein				
GCD004	87.7	45	frac	location approx				
GCD004	93.5	12	VN	quartz vein				
GCD004	93.5	40	VN	quartz vein				
GCD004	94	45	frac	location approx				
GCD004	95	10	frac	location approx				
GCD004	95.7	50	VN	quartz vein				
GCD004	96	30	frac	location approx				
GCD004	98	60	frac	location approx				

Frontier Resources Ltd			Drill Core Recovery & RQD Log				
DrillHole	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
GCD004	0	1.5	1.5	0.95	63.33	0	0
GCD004	1.5	3	1.5	1.5	100.00	0.15	10.00
GCD004	3	4.5	1.5	1.2	80.00	0.15	10.00
GCD004	4.5	6	1.5	1.5	100.00	0	0.00
GCD004	6	7.5	1.5	1.5	100.00	0.1	6.67
GCD004	7.5	9	1.5	1.25	83.33	0	0.00
GCD004	9	10.5	1.5	1.5	100.00	0	0.00
GCD004	10.5	12	1.5	1.3	86.67	0.15	10.00
GCD004	12	13.5	1.5	1.5	100.00	0.4	26.67
GCD004	13.5	15	1.5	1.5	100.00	0.7	46.67
GCD004	15	16.5	1.5	1.15	76.67	0	0.00
GCD004	16.5	18	1.5	1.5	100.00	0.25	16.67
GCD004	18	19.5	1.5	1.5	100.00	0.95	63.33
GCD004	19.5	21	1.5	1.2	80.00	0.7	46.67
GCD004	21	22.5	1.5	1.5	100.00	1.25	83.33
GCD004	22.5	24	1.5	1.5	100.00	1.35	90.00
GCD004	24	27	3	3	100.00	2	66.67
GCD004	27	30	3	3	100.00	2.4	80.00
GCD004	30	33	3	3	100.00	1.5	50.00
GCD004	33	36	3	3	100.00	1.05	35.00
GCD004	36	39	3	3	100.00	1.2	40.00
GCD004	39	42	3	3	100.00	0.95	31.67
GCD004	42	45	3	3	100.00	2.2	73.33
GCD004	45	48	3	3	100.00	1.3	43.33
GCD004	48	51	3	3	100.00	1.45	48.33
GCD004	51	54	3	3	100.00	1.5	50.00
GCD004	54	57	3	3	100.00	2.4	80.00
GCD004	57	60	3	3	100.00	2.05	68.33
GCD004	60	63	3	3	100.00	1.35	45.00
GCD004	63	66	3	3	100.00	0.4	13.33
GCD004	66	69	3	3	100.00	0.15	5.00
GCD004	69	72	3	3	100.00	1.15	38.33
GCD004	72	75	3	3	100.00	1.2	40.00
GCD004	75	78	3	3	100.00	1.6	53.33
GCD004	78	81	3	3	100.00	0.65	21.67
GCD004	81	84	3	3	100.00	1.15	38.33
GCD004	84	87	3	3	100.00	0.85	28.33
GCD004	87	90	3	3	100.00	0.75	25.00
GCD004	90	93	3	3	100.00	0.1	3.33
GCD004	93	96	3	3	100.00	0	0.00
GCD004	96	99	3	3	100.00	0	0.00
GCD004		EOH					

Stratigraphic Codes	
Q	Quaternary Deposits
Tb	Tertiary Basalt
Ts	Tertiary sediments
Tg	Tertiary Gravels
Jdl	Jurassic Dolerite
Dg	Devonian granitoid
Se	Silurian Eldon Gp.
Sm	Silurian Mathinna beds, Sandstone/greywacke
Ss	Silurian Mathinna beds, Siltstone/shale
Ogl	Gordon Gp Lst
	Denison Gp. Upper Sandstone sequence inc. Pioneer Beds
COu	Ordovician black shalesand siltstones. (pyritic)
Osh	Ordovician black shalesand siltstones. (pyritic)
Ocs	Denison Group, Ordovician Owen Conglomerate
Osi	Ordoviciansiliclastic sandstone. Denison group
Ovs	Cambro-Ordovician rhyolitic volcanoclastic sandstone (Waterloo Creek Group).
Ovc	Cambro-Ordovician rhyolitic volcanoclastic sandstone/breccia.
Ct	Tyndall Gp. and correlates
Ctc	Tyndall Gp. Volcanoclastics and sandstone (Zig Zag Hill Fm.)
Ctt	Tyndall Gp. Comstock Fm
Ctl	Tyndall Gp. Lynchford Member
Ctb	Tyndall Gp. Basalt (Howards basalt)
Caa	Feldspar-pyroxene phyrlic andesite
Cas	Cambrian Andesitic Volcanoclastic
Cfl	Quartz-feldspar-(biotite) porphyritic lava
Cqfbl	Quartz-feldspar-biotite porphyritic lava
Cve	Quartz crystal volcanoclastic sandstone, sericitic
Crib	Cambrian rhyolitic lava breccia
Cveb	Polymict volcanoclastic mass flow breccia. (V19 horizon)
Cvsh	Black, pyritic shale.
Cvc	Undifferentiated Central Volcanic Complex (CVC)
Ccv	Cambrian, rhyolitic pumice-qtz-crystal-lithic breccia
Ccl	CVC, Dominantly feldspar phyrlic coherent volcanics
Ccs	Cambrian, siliclastic, micaceous sandstone.
Cc	Cambrian volcanoclastic/siliclastic conglomerate
Cb	Cambrian Balsaltic Lava
Cbv	Cambrian Balsaltic Volcanoclastic
Cp	Cambrian, Porphyritic Intrusive.
Civ	Cambrian Lewis River Volcanics
Cwe	Cambrian Western Epiclastics
Cg	Cambrian granite
Cgma	Cambrian microgranite

Rocktype	(Four letter Code, eg. VDLB = volcanoclastic dacitic lithic breccia)
Primary Rocktype Codes	
V	Volcanoclastic
I	Intrusive
L	Lava
E	Epiclastic sediment
S	Sediment
Secondary Code	
R	Rhyolitic
D	Dacitic
A	Andesitic
B	Basaltic
U	Ultramafic
S	Siliciclastic
Composition Code	
Q	Quartz phyrlic
F	Feldspar phyrlic
>	Quartz > feldspar phyrlic
<	Feldspar > quartz phyrlic
H	Hornblende phyrlic
P	Pyroxene phyrlic
L	Lithic rich
S	Siliciclastic rich
Texture Code	
A	Aphyric
F	Fine Grained (0.06 - 0.5mm)
M	Medium grained (0.5 - 2mm)
C	Coarse Grained (2mm - 64mm)
B	Breccia (>64mm)
P	Pumiceous
Other Codes	
VEIN	Vein
QZVN	Quartz vein
GWAC	Greywacke
SILT	Siltstone
SHAL	Black Shale
GRAN	Granite
GRAD	Granodiorite
MSX	Massive sulphide
LOSS	Core loss
CAVE	Cavity/Stope
SOIL	Soil
FALT	Fault

Colours	
Primary Colour Codes	
Br	Brown
A	Grey
N	Black
Y	Yellow
R	Red
Gr	Green
W	White
O	Orange
Br	Blue
P	Purple
C	Cream
Shade	
1	Pale
2	
3	
4	
5	Dark

Weathering:		Guide
T	Trace	Weathering only visible in a couple of hand lens area
O	Occasional	Weathering visible over a number of hand lens areas
W	Weak	Fresh rock only visible in couple of hand lens areas
M	Moderate	No fresh rock visible, but rock still intact
S	Strong	No fresh rock visible, parts of rock broken down to soft material
I	Intense	Nearly all rock broken down to soft material or clay

Mineralisation/alteration Codes	
Mineral Type	
Py	Pyrite
As	Arsenopyrite
Cl	Chlorite
Se	Sericite
Cb	Carbonate
Ga	Galena
Sp	Sphalerite
Cp	Chalcopyrite
Ep	Epidote
Cd	Cordierite
Gt	Garnet
Mu	Muscovite
Bi	Biotite
Ma	Magnetite
He	Hematite
Si	Silicification
Qz	Quartz
Po	Pyrrhotite
W	Tungsten
Au	Visible Au
Sn	Cassiterite
Mn	Pyrolusite
Mineral style	
Tr	Trace
P	Pervasive
D	Disseminated
Vn	Vein
Sp	Spots and clots
Eu	Euhedral crystals
Sv	Selvedge
Bn	Banded
Amount %	
Tr	Trace
<	< 1%
0.1	1%
0.2	2%
etc.	
1	10%
2	20%
etc.	

Structure Code	
Ft	Fault
Sh	shear
Vn	vein
Fo	Foliation
Ff	fracture
Jt	Joint
Bd	Bedding
Bnd	Banding
Texture Code	
Bk	Broken
Sh	Sheared
Fo	Foliated
Sp	Spotty
Hf	Hornfelsed
FB	Flow Banded
Br	Brecciated
Am	Amygdaloidal
Po	Porphyritic
A	Aphanitic
Fi	Fiamme
Sl	Spherulitic
Pe	Peperitic
Pi	Pillowed
Ph	Phaneritic

ID	Geol Code	Text	Project
	Sm	Silurian Mathinna beds, Sandstone/greywacke	Lisle
	Ss	Silurian Mathinna beds, Siltstone/shale	Lisle
	Q	Quaternary Deposits	Lisle
	Dg	Devonian granitoid	Lisle
	Dgafd	Cream to pink medium- to coarse-grained equigranular to porphyritic alkali-feldspar granite w	Lisle
	Dgh	Aplite.	Lisle
	Dge	Aplitic granite.	Lisle
	Dgr	Dominantly granodiorite.	Lisle
	Dgrb	Medium- to coarse-grained biotite granodiorite.	Lisle
	Dgrh	Medium- to coarse-grained biotite-hornblende granodiorite.	Lisle
	Dgrps	Sparsely porphyritic medium- to coarse-grained biotite granodiorite.	Lisle
	Dgrv	Variably porphyritic coarse- to fine-grained biotite hornblende granodiorite.	Lisle
	QVN	quartz vein	Lisle
	FILL	cover / fill / drill pad debris	Lisle
	LOSS	core loss	Lisle
	CLAY	clay	Lisle
	CAVE	Workings / Cave	Lisle