

D002-4

**ANNUAL REPORT**  
**EL20/2003**  
**QUEENSTOWN – MT DARWIN PROJECT**  
**For Period 27<sup>th</sup> May 2006 – 26<sup>th</sup> May 2007**

Joel Kitto

June 2007

**Distribution:**

Mineral Resources Tasmania 1 copy  
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 NTS0260-NTS0334 (Eat Darwin)  
 (See Digital File EL20\_2003\_200705\_03\_Appendix1a.txt)

Appendix 1b – Soil Sample Data (ALS)  
 NTS0343-NTS0384 (East Darwin)  
 (See Digital File EL20\_2003\_200705\_04\_Appendix1b.txt)

**DIGITAL FILES**

EL20\_2003\_200705\_01\_Report.pdf  
 (Report Text, Figures 1 - 3)

EL20\_2003\_200705\_02\_Plans 1-3.pdf  
 (Report Plans 1 to 3)

EL20\_2003\_200705\_03\_Appendix 1a.txt  
 (Soil Sample Data – Amdel)

EL20\_2003\_200705\_04\_Appendix 1b.txt  
 (Soil Sample Data – ALS)

EL20\_2003\_200705\_05\_File Verification.txt  
 (Report File Verification)

## **SUMMARY**

Newcrest Mining Limited commenced exploration for gold rich deposits on being granted EL20/2003 on the 27<sup>th</sup> June 2003. The tenement encompasses a large area of prospective Mount Read Volcanics from Mt Owen just outside of Queenstown, south to Mt Darwin.

Exploration in this fourth year of work focused on refining untested geological-geochemical-geophysical targets over prospective volcanic and volcanoclastic units using surface geochemical sampling.

2.8 line kms of grid lines, comprising four new lines and an extension of one pre-existing line were constructed over the East Darwin prospect to extend the East Darwin grid, and a total of 135 C-horizon soil samples collected. At the Mt Ellen prospect, 130 C-horizon soil samples were collected over 3.9 line kms of pre-existing grid lines constructed during the previous reporting period.

Work planned in the fifth and final year of exploration will be to conduct further drilling of geological, geochemical and/or geophysical anomalies generated during the current reporting period and/or by previous explorers.

## **KEY WORDS**

Exploration; Gold; Copper; Diamond Drilling; Geophysics; CSAMT; Mount Read Volcanics; Darwin 3832; Owen 3833.

## 1 INTRODUCTION

Newcrest Mining Limited is exploring for gold rich deposits in the Mount Read Volcanics. This is the third annual report for EL20/2003 for the period 27<sup>th</sup> June 2005 to 26<sup>th</sup> May 2006.

### 1.1 TITLE

#### TENEMENT

EL20/2003 was granted on the 27<sup>th</sup> June 2003 to Newcrest Operations Limited for five years to 27<sup>th</sup> June 2008. The area was most recently held as two separate tenements (EL5/98 and EL16/98) by Copper Mines of Tasmania (CMT).

#### LOCATION

The tenement covers an area of 149 square kilometres over parts of the West Coast Range immediately south of Queenstown, down to the Bird River near the southern end of the Macquarie harbour. Refer to Figure 1 for location. Most of the area falls within the West Coast Regional Reserve. At the northern end of the tenement there is some Crown Land, State Forest, HEC land and Public Reserve.

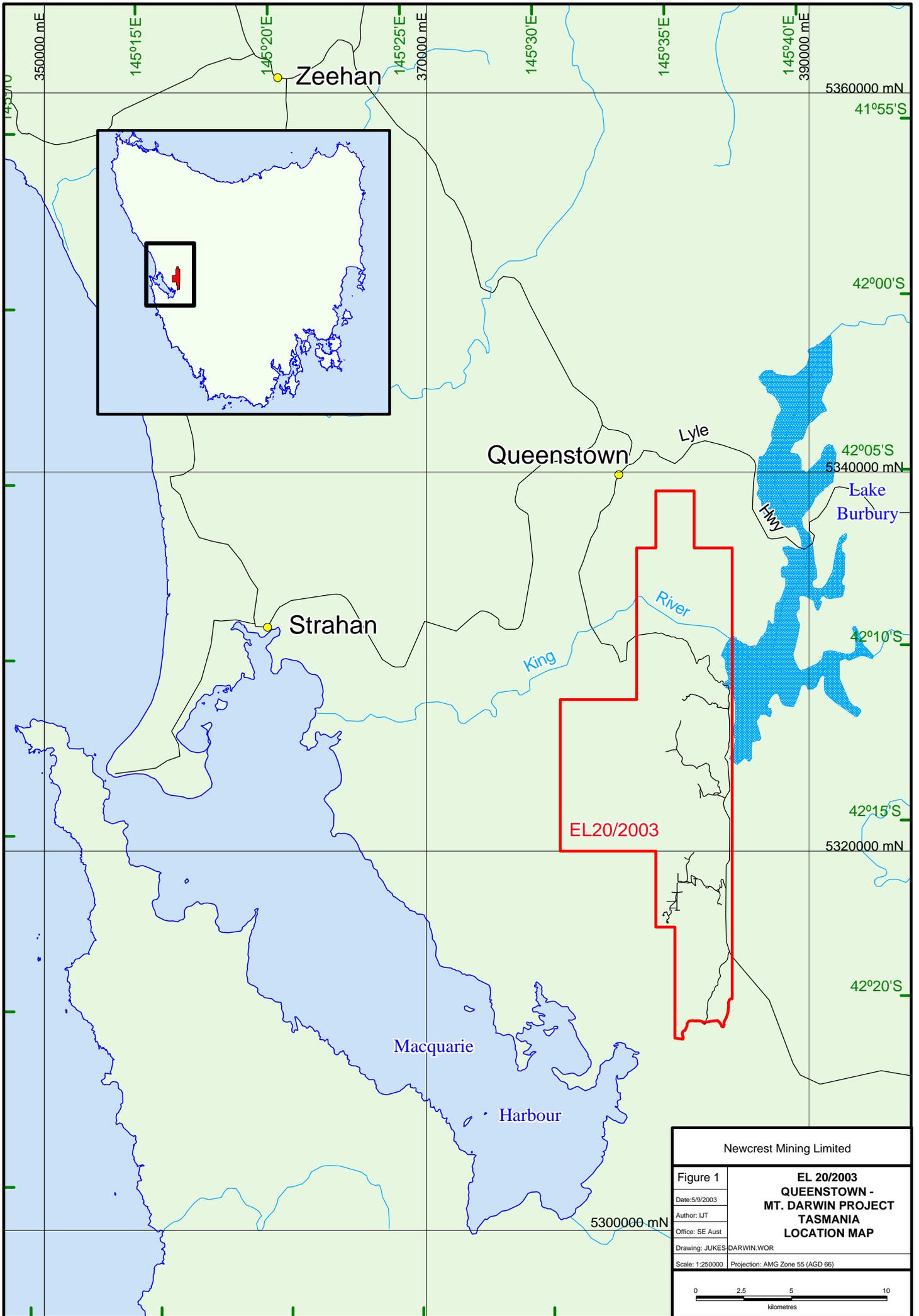
Topographic map sheets covering the area are listed below.

#### **1:25,000 TASMANIA TOPOGRAPHIC MAPS**

ENGINEER	3831
DARWIN	3832
OWEN	3833
GORMANSTON	3834
TEEPOOKANA	3632

#### DATUM

All AMG (Australian Map Grid) references are to AGD66\_Zone 55.



Newcrest Mining Limited	
Figure 1	<b>EL 20/2003 QUEENSTOWN - MT. DARWIN PROJECT TASMANIA LOCATION MAP</b>
Date: 5/9/2003	
Author: IJT	
Office: SE Aust	
Drawing: JUKES-DARWIN.WOR	
Scale: 1:250000	Projection: AMG Zone 55 (AGD 66)

## 2 PREVIOUS EXPLORATION

Previous exploration was summarised in the first annual report for EL20/2003 for the period 27<sup>th</sup> June 2003 to 26<sup>th</sup> May 2004.

In brief, EL20/2003 has been previously explored by:

- geological mapping of specific prospects;
- airborne geophysics (magnetics, radiometrics, partially by EM);
- various phases of stream, rock, soil and old workings geochemistry;
- various phases of mostly analogue-era ground geophysics (ground magnetics, IP, old EM methods);
- large grids of blanket-coverage fixed-loop TEM; and
- drilling at eight prospects for twenty-seven holes in all (Garfield 12, Jukes Proprietary 5, East Darwin 3, Snake Spur 2, Lake Jukes 2, Mt Huxley 1, Prince Darwin 1, Flannigan's Flat 1).

## 3 EXPLORATION STRATEGY

### Target

The primary exploration targets are Mt Lyell and Jukes Proprietary style gold deposits. However, exploration tools used can potentially find any one of a range of gold rich, polymetallic deposits of the style that occur in the Mount Read Volcanics.

An assumption is being made that the target does not outcrop and is going to be relatively deep.

Exploration targets are being defined on the basis of geochemical and geophysical anomalies that may reflect the outer edges of a mineralised alteration system. Mineralised systems are often centralised within a much wider, though possibly structurally deformed alteration envelope and these can be detected by geological mapping, geochemistry or geophysics. Common features of Mount Read Volcanic style, gold rich deposits that are being used to help define drill targets include:

- 1) Deposits tend to be hosted near the top of the Central Volcanic Complex (CVC) stratigraphy and/or base of Tyndall.
- 2) Adjacent to major Cambrian structures that form boundaries to packages of CVC.
- 3) Alteration envelopes commonly of silica-sericite-pyrite±chlorite and/or chlorite-quartz-pyrite-sericite±carbonate, strongly deformed into schists.
- 4) Pods of polymetallic massive sulfides, cherts or silica associated with and/or adjacent to mineralisation.
- 5) Anomalous gold, copper, lead, zinc, barium, manganese elements and minerals such as magnetite.
- 6) Chargeable and resistive geophysical anomalies.

## Strategy

The basic exploration strategy is to compile previous geological mapping and geochemical work, combine with additional selective geochemical and geophysical surveys and interpret to define drill targets.

Newcrest is utilising CSAMT surveys which can provide wide coverage to significant depths to locate either resistive zones (silica-chert bodies) or chargeable zones responding to chalcopyrite rich altered schist. These surveys are being conducted in areas where surface exploration has revealed anomalous geochemical results but not enough to warrant drilling.

Much of the tenement being explored has dozens of old workings and prospects but very few have been drilled and, where drilled, the holes are generally short. Some of these are considered worthy of follow-up.

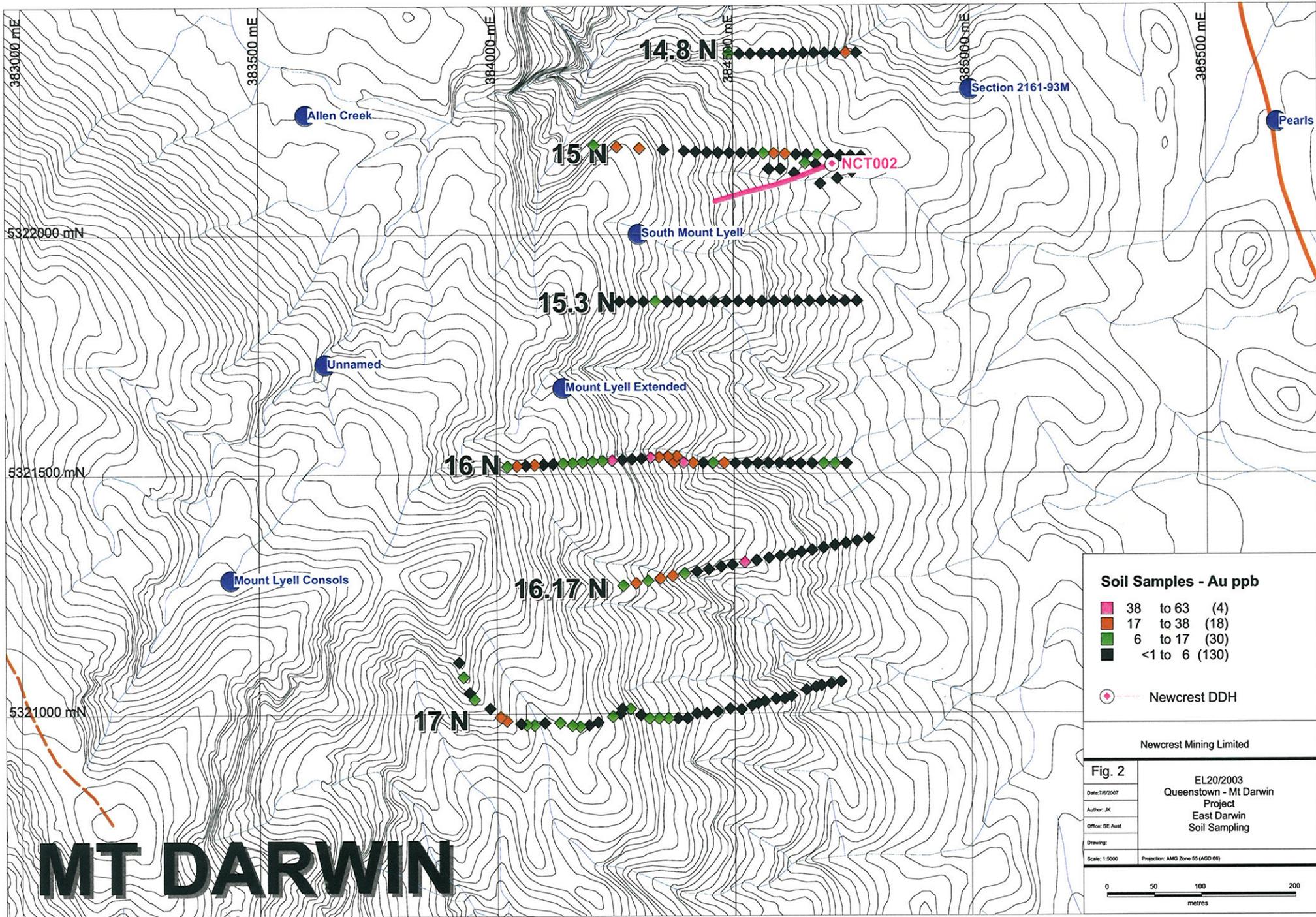
## 4 SURFACE GEOCHEMISTRY

### 4.1 East Darwin soil sampling

A total of 135 soil samples were collected over the East Darwin prospect during the reporting period. Four gridlines (Lines 14.8, 15.3, 16.17 and 17) and an extension of an existing grid line (Line 16 extended) with a total pegged length of 2.8 line kms were prepared by Rogers Exploration Services. The remaining samples collected on lines 15 extended and 15 south were collected as part of reconnaissance exercise of the line 15 and 16 area to assess line cutting suitability for further soil sampling and electrical geophysics (eg. Time domain EM). Samples were taken from the intervals as shown below at approximately 25m spacings (see Figure 2).

Line 14.8	900 – 1200W	(13 samples)
Line 15 Extended:	1225 - 1500W	(8 samples)
Line 15 South:	reconnaissance sampling	(10 samples)
Line 15.3	900 – 1400W	(21 samples)
Line 16 Extended	1600 - 2050W	(19 samples)
Line 16.17	1150 – 1675W	(22 samples)
Line 17	1200 – 2225W	(42 samples)

The aim of the program was to provide an improved understanding on the controls and source of the anomalism identified on line 16 during the previous reporting period. Additionally, the program was designed to close off/extend this soil anomaly and to ascertain whether the anomaly is sourced from Tyndall Group correlates or from the up slope erosion of the CVC.



Samples were taken from Tyndall Group rocks according to 1:25,000 scale mapping, as well as across the Tyndall-CVC contact and the contact between the Cambrian Darwin Granite and the CVC.

The sample sites were all on east sloping ground under regrowth forest. Soil thickness range from 10 - 40 cm and the soils have a duplex stratigraphy, comprising a black humic-rich A horizon and an underlying rock-derived C horizon ranging from pale grey to mottled orange-brown. The grey soils tend to be higher in quartz and the orange soils higher in clay. All samples taken are classed as “C horizon” on the basis that they are basal soils and include some rock fragments from underlying bed rock, but if the three layer podzolic terminology is applied then the samples are a mixture of B and C horizons. Some transported material, particularly vein quartz, exists in the soil and care was required during sampling to avoid sites which appear to be dominantly float material.

Combined with previous surface geochemical data presented by Newcrest from the previous reporting period (Tedder *et al.*, 2006), the results show a coincident Au, Cu, and As anomaly situated along the western portion of line 16 and to a lesser extent, across the western portion of line 16.17 located 200m to the south. Anomalism across line 16 is in the order of 63ppb Au, 300ppm Cu and 18ppm As. Pb in soils is weakly elevated in lines 15, and extremely erratic across all other lines. S and Mo also show an erratic distribution. A discrete Zn anomaly is evident to the north of Au-Cu-As anomaly on line 15.3, and to a lesser extent overlaps with the anomaly defined on line 16. The Au-Cu-As anomaly appears to be closed off to the north and east, with weakly scattered Au, Cu and As values present south of line 16.17. Results are listed in Table 1 and Appendix 1.

The Au-Cu-As anomaly is also coincident with a moderate resistivity anomaly identified from a 50m dipole scalar CSAMT survey conducted over the East Darwin prospect in 2003/04 (Tedder *et al.*, 2004). Consideration has been given to conducting a single loop SIROTEM survey over the defined anomaly by incorporating existing gridlines. The objective of the survey would be to identify a body of massive sulfide coincident with the defined anomaly where CSAMT data acquired on line 16 may not have fully covered the best part of any massive sulfide deposit.

The generation of more concrete drill targets may be assisted by more electrical geophysical data, but there is no obvious need for more mapping or geochemical surveys. Testing of this anomaly is planned for the coming year, with a decision on further testing by ground EM (eg. Single loop SIROTEM) and/or diamond drilling.

#### **4.2 Mt Ellen soil sampling**

A total of 130 C-horizon soil (effectively B+C horizon combined) samples were collected upon existing grid lines which were used to conduct a EG&G Geometrics G ~ 856 ground magnetics survey during the previous reporting period (Tedder *et al.*, 2006).

The grid was centred over the historic Mt Ellen workings which had previously returned gold anomalous rock chip samples and drill core assays (Tedder and Morrison, 2005).

The results indicate a small Au-rich surface anomaly (120 x 150m) surrounding the historic workings, with Au in soil up to 510ppb. Soil sampling failed to delineate any significant strike extent to the gold anomalism, with surface anomalism restricted to the immediate vicinity of the box-cut workings. The anomaly appears to be Au exclusive, with results for As, Cu, Pb, Zn generally scattered. Ag however, forms a broad anomalous zone NW of the box cut workings independent of Au anomalism. Total Iron in soil NNW of the Mt Ellen box cut workings are highly anomalous (up to 2.6%), compared to samples SSW of the box cut which exhibit much weaker values (0.1-0.2%). Results are listed in Table 2 and Appendix 1.

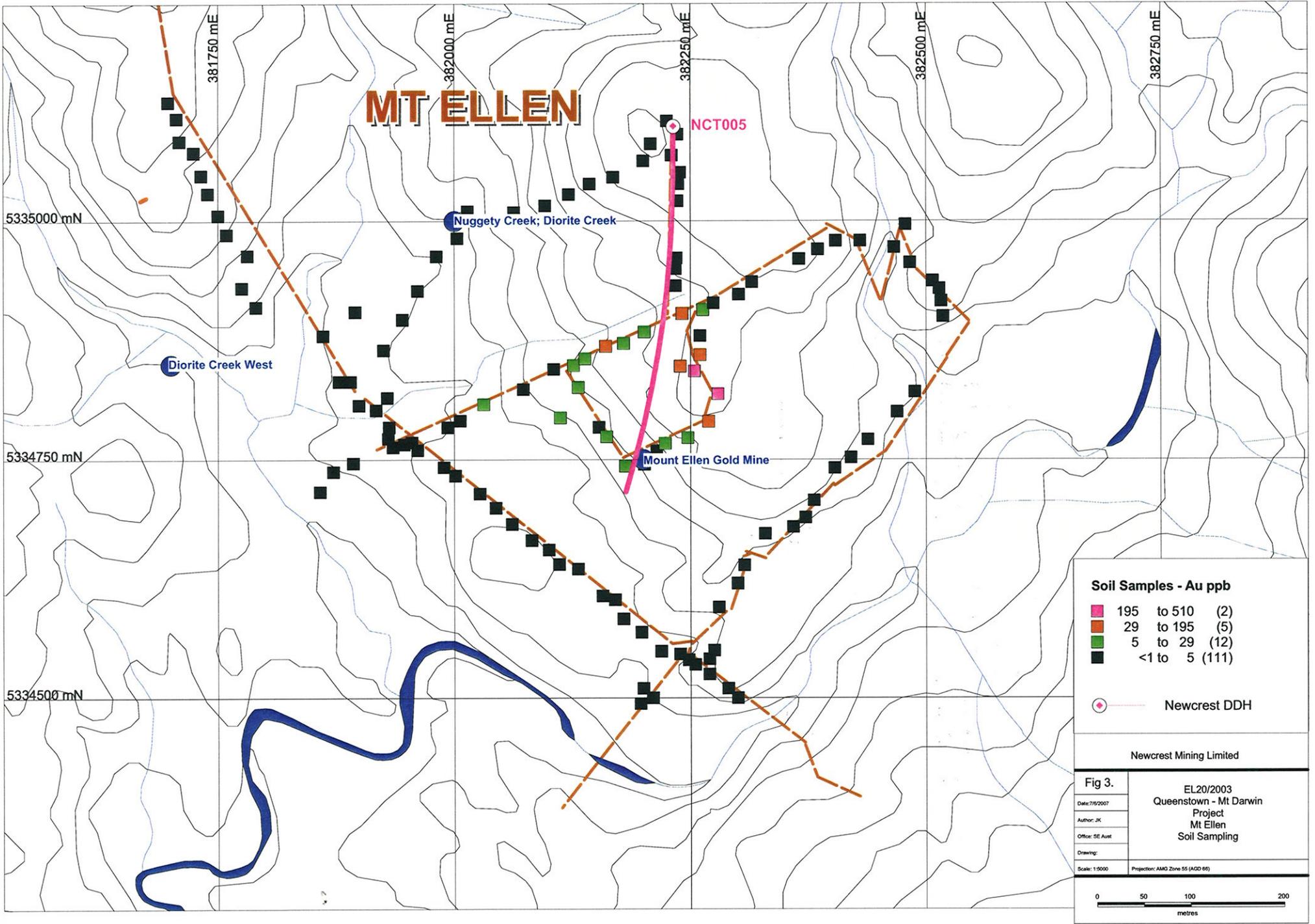
Previous diamond drill testing beneath the box cut workings (Tedder and Morrison, 2005) and identified Au-rich soil anomaly, demonstrates that the surface projection of the anomaly continues at depth, with mineralization (44m @ 0.23 g/t Au from 496m) hosted within a zone of pervasive albite-quartz-pyrite+/-rutile-sericite-gold altered feldspar-phyric rhyolite/dacite porphyry lava. Mineralisation is intimately associated with a broad zone of pervasively bleached albite-quartz+/-sericite alteration and primary magnetite destruction. The zone of alteration and mineralization is interpreted to have a southwest-trending plunge. Ksp-Qtz-Ab-Cal-Py-Se+/-Au veins which dip -55 degrees north are enclosed by this southwest-plunging alteration envelope, but also propagate outside the zones of most intense pervasive Ab-Qtz-Py+/-Rut-Se-Au alteration (Morrison, pers. com., 2006).

In the most intense zones of pervasive albite-quartz-pyrite-rutile-gold alteration, primary magnetite has undergone complete replacement by fine-grained dense microgranular mosaics of rutile (Mason 2006). The gradational decrease in magnetic intensity (which is consistent with the broader regional aeromagnetic trend), and the apparent decrease of iron abundance in soils toward the southwest of the Mt Ellen workings is consistent with magnetite destruction caused by the invasion of the host rock by a significant volume of hydrothermal fluid.

In terms of prospectivity, the Mt Ellen gold project exhibits affinities in alteration and mineralization to distal hangingwall Henty style Au mineralization/alteration. The Henty - Mt Julia gold deposits consist of a series of small tonnage (<500,000 t) high grade (10-30 g/t Au) sheet like lenses hosted in an extensive package of (>20Mt) quartz-sericite altered felsic intermediate volcanoclastic rocks. The alteration zone at Henty forms sub-vertically dipping tabular sheets over 3km in length and between 10 and 100m in width. Hangingwall alteration at Henty consists of albite-quartz alteration in rhyolitic volcanoclastic rocks and lavas, and generally contains lenses of sub-economic mineralization. Hangingwall albitisation has been recognized in a number of volcanogenic deposits and is a distinct feature of the Henty deposit (Callaghan, 2001). The alteration zonation at Henty displays a distinct asymmetry, and transgresses from intense albite-quartz in the hangingwall through to quartz-sericite and quartz-sericite-pyrite to intensely leached and silicified massive quartz.

As quartz-albite alteration and low grade gold mineralization is hosted within a thick, massive felsic lava at Mt Ellen, it is considered that the stratigraphic position where mineralization would be best developed has not yet been discovered. It is interpreted that the Mt Ellen prospect may represent the distal albite-quartz / albite-quartz-sericite altered hangingwall panel of a possibly larger Henty-style mineralized system.

In light of the fact that diamond drilling was terminated in weak to moderate silica alteration and associated low grade Au mineralization (1.4m @ 0.44 g/t Au from 598m), the plunge potential of the Mt Ellen alteration envelope to the southwest of the historic Mt Ellen workings remains a highly prospective and untested target for Henty-style mineralisation. Testing of this target has been tentatively planned for the coming year.



**Soil Samples - Au ppb**

- 195 to 510 (2)
- 29 to 195 (5)
- 5 to 29 (12)
- <1 to 5 (111)

⊙ Newcrest DDH

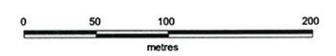
Newcrest Mining Limited

**Fig 3.** EL20/2003  
Queenstown - Mt Darwin  
Project  
Mt Ellen  
Soil Sampling

Date: 7/6/2007  
Author: JK  
Office: SE Aust  
Drawing:

Scale: 1:5000

Projection: AMG Zone 55 (AGD 66)



**TABLE 1**  
**EL20/2003 Queenstown – Mt. Darwin Project**  
**East Darwin Soil Samples**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting AMG	Northing AMG	Description METHOD LDETECTION UNITS	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				1	1	100	200	1	0.05	0.5	0.1	0.5	0.1
				ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
NTS0148	384468.5	5322170		1	5	32600	350	21	0.05	10.5	1.7	18.5	-
NTS0149	384445	5322170		3	4	23600	500	17	0.05	11	1.2	27.5	-
NTS0150	384421	5322172		<1	3	23100	250	12	0.05	5	0.8	16.5	-
NTS0151	384397	5322173		1	3	11300	450	11	0.1	7.5	1	21.5	-
NTS0152	384353	5322176		3	13	30800	650	7	0.15	16	3.7	29	-
NTS0153	384303	5322179		27	39	19300	350	11	0.1	18.5	1.4	25	-
NTS0154	384255	5322182		28	3	10600	400	5	0.15	33	0.6	70	-
NTS0155	384207	5322185		12	1	3250	<200	5	0.45	19	0.5	350	-
NTS0156	384674	5322144		1	2	12100	300	11	0.05	7	0.6	22	-
NTS0157	384652	5322147		8	3	7000	250	8	<0.05	5	1	20	-
NTS0158	384629	5322126		2	2	8600	<200	26	<0.05	4.5	0.9	105	-
NTS0159	384600	5322135		<1	3	13900	<200	37	0.05	12.5	1.6	155	-
NTS0160	384575	5322135		5	4	11300	250	19	0.1	10	1.2	54	-
NTS0161	384684	5322104		5	<1	5400	<200	12	0.05	3	0.4	11.5	-
NTS0162	384720	5322115		<1	2	15100	450	19	0.05	8.5	0.9	27	-
NTS0163	384751	5322129		<1	<1	5800	<200	5	0.1	2.5	0.6	7	-
NTS0164	384760	5322145		<1	<1	11100	<200	7	<0.05	3	0.6	8.5	-
NTS0165	384785	5322145		<1	2	6350	400	11	<0.05	5	0.6	15.5	-

**TABLE 1**  
**East Darwin Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				1	3	100	150	1	1	0.5	3	0.5	0.1
AMG	AMG	UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
NTS0260	384784	5321364		<1	<3	12900	300	38	<1	5	<3	20	<0.1
NTS0261	384759	5321359		<1	<3	13700	150	46	<1	5	<3	26	0.1
NTS0262	384735	5321354		<1	4	14000	200	50	<1	5	<3	24	0.1
NTS0263	384712	5321350		<1	<3	16600	100	39	<1	4	<3	26	0.1
NTS0264	384688	5321345		2	6	36700	250	34	<1	7	<3	58	0.3
NTS0265	384664	5321340		<1	4	23200	100	24	<1	4	6	10	<0.1
NTS0266	384641	5321336		<1	<3	11900	200	19	<1	5	<3	8	<0.1
NTS0267	384621	5321332		<1	4	12500	100	14	<1	4	<3	8	<0.1
NTS0268	384597	5321328		<1	<3	16800	150	34	<1	4	<3	12	0.1
NTS0269	384573	5321324		<1	<3	13100	100	16	<1	7	<3	6	<0.1
NTS0270	384547	5321319		<1	4	11800	250	14	<1	12	<3	10	<0.1
NTS0271	384522	5321315		42	4	11600	200	16	<1	7	<3	14	<0.1
NTS0272	384496	5321310		<1	6	14500	200	15	<1	14	<3	18	<0.1
NTS0273	384472	5321306		3	4	11800	300	19	<1	8	<3	12	<0.1
NTS0274	384446	5321301		<1	4	14300	300	22	<1	7	<3	16	<0.1
NTS0275	384421	5321296		4	4	12500	150	25	<1	8	<3	8	<0.1
NTS0276	384395	5321292		11	<3	14600	150	35	<1	18	<3	20	<0.1
NTS0277	384370	5321287		21	6	14800	250	14	<1	17	<3	22	<0.1
NTS0278	384344	5321282		18	4	25100	200	14	<1	40	<3	14	<0.1
NTS0279	384318	5321277		6	<3	11500	250	12	<1	10	<3	10	<0.1

**TABLE 1**  
**East Darwin Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				1	3	100	200	1	1	0.5	3	0.5	0.1
AMG	AMG	UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
NTS0280	384293	5321272		34	6	13300	300	22	<1	20	<3	24	0.4
NTS0281	384266	5321267		13	4	12000	200	13	<1	14	<3	6	0.3
NTS0282	384379	5321537		23	10	18700	200	18	<1	41	<3	44	0.4
NTS0283	384361	5321536		18	6	13500	250	33	<1	13	<3	18	0.4
NTS0284	384342	5321535		17	4	19000	200	24	<1	16	<3	8	0.4
NTS0285	384324	5321534		63	6	19300	200	29	<1	15	<3	10	0.5
NTS0286	384305	5321532		3	4	16300	250	19	<1	11	<3	10	0.4
NTS0287	384285	5321531		2	6	47600	300	24	<1	18	6	22	0.4
NTS0288	384265	5321530		2	8	31100	350	32	<1	10	4	16	0.5
NTS0289	384243	5321528		38	6	37900	300	58	<1	15	<3	38	0.6
NTS0290	384223	5321527		6	14	46800	650	37	<1	330	<3	80	1.2
NTS0291	384202	5321526		15	6	20900	250	18	<1	100	<3	22	0.3
NTS0292	384181	5321525		14	18	38100	400	38	<1	210	<3	46	0.7
NTS0293	384160	5321523		10	8	25600	200	20	<1	210	<3	18	0.5
NTS0294	384140	5321522		8	6	19300	300	19	<1	135	<3	14	0.4
NTS0295	384119	5321521		3	6	22700	350	19	<1	66	<3	14	0.5
NTS0296	384099	5321520		4	10	14800	150	17	<1	17	<3	18	0.4
NTS0297	384080	5321519		17	8	21000	400	22	<1	52	<3	20	0.6
NTS0298	384062	5321518		3	6	19200	200	20	<1	21	<3	18	0.3
NTS0299	384043	5321517		33	6	24000	250	43	<1	49	<3	26	0.3

**TABLE 1**  
**East Darwin Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				1	3	100	200	1	1	0.5	3	0.5	0.1
AMG	AMG	UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
NTS0300	384023	5321516		6	12	50500	500	28	<1	60	<3	52	-
NTS0301	384760	5321860		2	4	17100	250	34	<1	11	<3	8	-
NTS0302	384735	5321860		<1	4	19600	250	45	<1	11	<3	24	-
NTS0303	384710	5321860		1	4	24700	350	62	<1	14	<3	24	-
NTS0304	384685	5321860		2	8	27400	200	64	<1	14	<3	30	-
NTS0305	384660	5321860		<1	4	22000	250	62	<1	15	<3	48	-
NTS0306	384635	5321860		2	6	37700	200	74	<1	23	<3	54	-
NTS0307	384610	5321860		<1	<3	17700	100	45	<1	10	<3	32	-
NTS0308	384585	5321860		1	6	30300	150	36	<1	18	4	8	-
NTS0309	384560	5321860		2	<3	12900	200	26	<1	11	<3	20	-
NTS0310	384535	5321860		4	24	157000	800	34	<1	170	8	32	-
NTS0311	384510	5321860		<1	<3	16300	100	19	<1	26	<3	8	-
NTS0312	384485	5321860		3	6	23200	200	26	<1	33	<3	8	-
NTS0313	384460	5321860		<1	4	19500	150	19	<1	23	4	12	-
NTS0314	384435	5321860		<1	4	14400	200	29	<1	22	<3	16	-
NTS0315	384410	5321860		<1	8	36400	250	37	<1	19	<3	20	-
NTS0316	384385	5321860		4	4	45200	300	24	<1	86	<3	16	-
NTS0317	384360	5321860		4	10	49400	300	42	<1	54	<3	72	-
NTS0318	384335	5321860		9	4	23500	300	25	<1	18	<3	36	-
NTS0319	384310	5321860		2	4	13100	250	29	<1	15	<3	38	-

**TABLE 1**  
**East Darwin Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				1	3	100	200	1	1	0.5	3	0.5	0.1
AMG	AMG	UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
NTS0320	384285	5321860		4	4	19000	350	52	<1	38	<3	32	-
NTS0321	384260	5321860		2	4	38400	150	74	<1	33	4	98	-
NTS0322	384760	5322377		<1	4	15000	350	23	<1	6	<3	18	-
NTS0323	384738	5322377		18	<3	12200	200	27	<1	5	<3	18	-
NTS0324	384716	5322377		<1	<3	14700	200	19	<1	6	<3	12	-
NTS0325	384694	5322377		<1	<3	13700	100	14	<1	8	<3	8	-
NTS0326	384671	5322377		<1	<3	11100	200	12	<1	6	<3	14	-
NTS0327	384649	5322377		<1	<3	10600	250	14	<1	7	<3	16	-
NTS0328	384627	5322376		<1	<3	12600	100	11	<1	5	<3	6	-
NTS0329	384606	5322376		<1	4	14000	350	13	<1	8	<3	26	-
NTS0330	384583	5322376		1	<3	13100	450	28	<1	7	<3	26	-
NTS0331	384561	5322376		<1	4	26600	200	37	<1	7	<3	22	-
NTS0332	384537	5322376		<1	<3	16400	300	31	<1	7	<3	16	-
NTS0333	384514	5322376		<1	<3	15100	150	29	<1	4	<3	10	-
NTS0334	384491	5322376		8	<3	12600	200	17	<1	4	<3	14	-

**TABLE 1**  
**East Darwin Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				Au_AA25	ME-ICP41S								
			METHOD	1	2	100	100	2	0.2	15	1	2	10
			LDETECTION										
			UNITS	ppb	ppm								
NTS0343	384724	5321066		1	<2	5700	200	7	<0.2	6	<1	13	<10
NTS0344	384703	5321062		<1	<2	6400	400	12	<0.2	6	<1	14	<10
NTS0345	384683	5321058		<1	<2	7900	200	19	<0.2	11	<1	12	<10
NTS0346	384671	5321055		<1	<2	4200	100	13	<0.2	6	<1	19	<10
NTS0347	384651	5321049		<1	<2	6000	500	9	0.2	10	<1	20	<10
NTS0348	384620	5321036		<1	<2	7300	100	6	0.2	8	1	10	<10
NTS0349	384605	5321031		<1	2	7600	300	8	0.2	12	<1	21	<10
NTS0350	384587	5321030		<1	2	8200	100	6	0.2	4	<1	13	<10
NTS0351	384563	5321025		<1	<2	10100	200	26	0.2	13	1	97	<10
NTS0352	384549	5321021		<1	<2	10700	200	6	<0.2	9	1	25	<10
NTS0353	384536	5321016		<1	<2	7000	300	6	<0.2	7	1	15	<10
NTS0354	384514	5321008		<1	<2	11600	300	7	<0.2	24	10	25	<10
NTS0355	384490	5321010		1	<2	12700	300	8	0.2	10	2	41	<10
NTS0356	384464	5321004		4	<2	9700	100	6	0.3	5	1	6	<10
NTS0357	384440	5321000		4	<2	10800	300	5	<0.2	13	1	18	<10
NTS0358	384420	5321000		1	<2	10500	300	6	<0.2	10	1	14	<10
NTS0359	384400	5320990		<1	<2	24000	300	7	<0.2	12	1	20	<10
NTS0360	384380	5320990		5	3	27300	300	8	<0.2	17	1	19	<10
NTS0361	384360	5320990		7	2	29100	300	10	<0.2	18	1	18	<10
NTS0362	384340	5320990		12	4	34900	300	10	0.2	10	1	19	<10

**TABLE 1**  
**East Darwin Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				Au-AA25	ME-ICP41S								
			METHOD	1	2	100	200	1	0.2	0.5	1	0.5	10
			LDETECTION										
			UNITS	ppb	ppm								
NTS0363	384320	5320990		14	<2	45300	200	25	0.2	12	2	23	<10
NTS0364	384302	5320997		1	14	40000	300	32	0.5	32	2	123	<10
NTS0365	384280	5321010		9	5	26800	300	20	0.3	16	1	78	<10
NTS0366	384263	5321010		1	<2	14000	400	10	0.3	7	1	25	<10
NTS0367	384259	5321000		4	2	10600	200	9	<0.2	5	<1	15	<10
NTS0368	384243	5320994		11	2	8700	300	10	0.2	7	<1	18	<10
NTS0369	384212	5320982		5	3	11800	300	11	0.2	11	1	44	<10
NTS0370	384193	5320976		2	<2	11400	300	11	<0.2	10	<1	24	<10
NTS0371	384174	5320973		6	2	12600	300	10	<0.2	9	<1	16	<10
NTS0372	384158	5320975		6	4	20300	400	10	0.2	16	1	24	<10
NTS0373	384132	5320981		6	2	18800	100	7	0.2	15	1	24	<10
NTS0374	384100	5320981		3	4	22300	300	8	0.3	19	1	39	<10
NTS0375	384078	5320976		6	<2	17600	100	5	<0.2	16	1	9	<10
NTS0376	384062	5320977		9	4	24900	200	5	<0.2	6	2	11	<10
NTS0377	384050	5320979		<1	<2	17200	200	3	<0.2	3	1	6	<10
NTS0378	384020	5320985		21	6	33900	300	8	0.2	19	3	18	<10
NTS0379	384007	5320993		21	4	41100	100	8	<0.2	10	5	13	<10
NTS0380	383985	5321011		<1	<2	13900	100	5	<0.2	2	1	5	<10
NTS0381	383952	5321030		12	3	30600	100	7	<0.2	11	4	10	<10
NTS0382	383942	5321044		<1	<2	17700	100	7	<0.2	12	1	9	<10
NTS0383	383929	5321077		8	3	21200	100	6	<0.2	13	1	32	<10
NTS0384	383920	5321108		<1	5	20500	100	8	<0.2	30	1	9	<10

**TABLE 2**  
**EL20/2003 Queenstown – Mt. Darwin Project**  
**Mt Ellen Soil Samples**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Bi
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				METHOD	LDETECTION	UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm
				1	1	100	200	1	0.05	0.5	0.1	0.5	0.1
NTS0047	381955	5334768		1	2	1450	200	5	0.15	19	0.2	16.5	0.4
NTS0048	381947	5334766		3	10	16800	400	175	0.1	50	0.5	86	1
NTS0049	381931	5334784		1	3	1550	350	9	0.05	56	0.7	48.5	0.6
NTS0050	381917	5334802		1	2	1150	250	8	0.05	33.5	0.2	37.5	0.7
NTS0051	381930	5334772		<1	4	1600	250	7	0.1	20	0.4	19.5	0.6
NTS0052	381935	5334763		<1	2	950	250	5	0.1	29	0.5	32	0.6
NTS0053	381893	5334746		<1	2	1050	<200	7	0.05	26	0.1	38.5	0.3
NTS0054	381872	5334737		<1	<1	650	<200	2	<0.05	7.5	<0.1	5	0.2
NTS0055	381858	5334716		1	2	1050	<200	5	<0.05	25.5	0.8	18	0.4
NTS0056	381961	5334760		<1	2	7700	<200	19	0.05	18.5	<0.1	12	0.2
NTS0057	381989	5334742		<1	3	1000	300	5	<0.05	14.5	0.4	10.5	0.3
NTS0058	382001	5334733		2	2	1100	250	5	<0.05	22	0.1	21.5	0.5
NTS0059	382027	5334714		<1	3	4100	<200	2	<0.05	9.5	0.3	5.5	0.2
NTS0060	382044	5334699		<1	2	1300	<200	4	<0.05	19.5	0.2	10.5	0.3
NTS0061	382061	5334682		<1	2	1050	<200	6	<0.05	10	<0.1	5	0.1
NTS0062	382082	5334665		1	2	1650	250	6	<0.05	20.5	0.5	11	0.3
NTS0063	382100	5334655		1	2	1450	350	9	0.05	66	0.5	39.5	0.7
NTS0064	382111	5334640		4	10	2050	<200	11	0.05	86	7.5	37	0.7
NTS0065	382131	5334635		<1	4	1550	300	8	<0.05	26	0.5	14.5	0.4
NTS0066	382157	5334607		3	2	1350	250	3	<0.05	19	0.1	14.5	0.4

**TABLE 2**  
**Mt Ellen Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Bi
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				LDETECTION	1	1	100	200	1	0.05	0.5	0.1	0.5
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
NTS0067	382170	5334603		1	2	1250	<200	3	<0.05	16.5	<0.1	0.05	0.3
NTS0068	382179	5334583		1	5	2550	200	4	<0.05	29	<0.1	0.05	0.5
NTS0069	382198	5334569		<1	2	2200	<200	4	<0.05	20.5	<0.1	0.05	0.5
NTS0070	382219	5334549		2	3	2950	450	13	0.1	80	0.6	0.6	1.5
NTS0071	382239	5334546		1	1	2150	<200	9	<0.05	24.5	0.1	0.1	0.3
NTS0072	382248	5334540		<1	4	2300	450	9	0.05	33	0.4	0.4	0.6
NTS0073	382255	5334535		<1	4	1550	600	14	0.1	52	0.3	0.3	0.4
NTS0074	382270	5334525		<1	1	850	<200	2	<0.05	12.5	<0.1	0.05	0.2
NTS0075	382290	5334510		1	2	1300	200	6	<0.05	21	0.3	0.3	0.3
NTS0076	382300	5334500		2	7	4500	<200	5	0.1	28.5	0.6	0.6	0.8
NTS0077	382200	5334510		3	6	4850	550	29	0.1	100	0.5	0.5	1.8
NTS0078	382210	5334500		<1	4	3250	350	6	0.05	26	0.1	0.1	0.5
NTS0079	382197	5334494		1	2	1550	200	9	<0.05	34.5	0.1	0.1	0.5
NTS0080	382270	5334541		2	3	2800	250	4	0.05	27.5	0.4	0.4	0.6
NTS0081	382275	5334550		<1	7	15300	300	10	<0.05	19	0.4	0.4	0.5
NTS0082	382280	5334595		1	4	2650	<200	7	<0.05	31	0.6	0.6	0.7
NTS0083	382290	5334605		2	4	2250	200	7	0.05	47.5	0.5	0.5	0.8
NTS0084	382300	5334620		1	5	18000	350	15	<0.05	19	0.4	0.4	0.3
NTS0085	382307	5334639		<1	6	3850	350	7	0.05	28.5	0.3	0.3	0.7
NTS0086	382329	5334672		1	3	2050	<200	8	<0.05	21.5	0.2	0.2	0.5

**TABLE 2**  
**Mt Ellen Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Bi
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				1	1	100	200	1	0.05	0.5	0.1	0.5	0.1
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			
NTS0087	382359	5334679		2	3	2000	250	7	<0.05	24	0.6	20.5	0.5
NTS0088	382372	5334689		1	5	3400	200	6	0.05	23	0.4	20.5	0.7
NTS0089	382381	5334707		<1	6	5300	<200	5	<0.05	10	0.7	9.5	0.3
NTS0090	382403	5334741		<1	3	1550	<200	2	<0.05	7	0.2	230	0.3
NTS0091	382420	5334752		<1	2	1000	500	8	<0.05	16.5	0.3	5	0.1
NTS0092	382438	5334771		<1	2	1300	<200	4	<0.05	11.5	<0.1	4	0.1
NTS0093	382469	5334800		2	4	2500	200	8	<0.05	29.5	0.2	48	0.9
NTS0094	382488	5334821		<1	3	2250	<200	3	<0.05	9.5	0.1	9	0.3
NTS0095	381993	5334784		2	2	1750	200	6	<0.05	23	0.7	47	0.5
NTS0096	382006	5334791		<1	<1	2300	<200	3	<0.05	2.5	<0.1	18	<0.1
NTS0097	382031	5334808		5	11	2400	300	15	0.05	27.5	<0.1	31.5	0.8
NTS0098	382073	5334824		<1	3	1600	250	6	<0.05	17.5	0.3	10.5	0.2
NTS0099	382105	5334845		<1	4	2900	250	5	<0.05	31	0.2	29.5	0.7
NTS0100	382126	5334849		10	2	1300	200	6	<0.05	20	<0.1	17	0.4
NTS0101	382131	5334826		8	3	2000	500	7	0.1	48	0.4	34	0.7
NTS0102	382112	5334794		14	4	5400	<200	14	<0.05	18.5	0.2	11	0.2
NTS0103	382153	5334784		3	14	18100	450	16	0.05	54	0.4	48.5	0.9
NTS0104	382161	5334774		7	3	2200	500	6	0.05	47	0.4	31.5	0.6
NTS0105	382181	5334743		7	9933336	4350	250	6	<0.05	32	0.3	32.5	0.5
NTS0106	382201	5334745		<1	2	3900	<200	11	<0.05	25	0.2	10	0.2

**TABLE 2**  
**Mt Ellen Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Bi
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				LDETECTION	1	1	100	200	1	0.05	0.5	0.1	0.5
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
NTS0107	382214	5334759		<1	7	10900	250	24	<0.05	46	0.5	33	0.6
NTS0108	382223	5334767		5	9	4300	250	12	<0.05	48	0.5	49.5	0.9
NTS0109	382247	5334773		25	4	7500	250	9	<0.05	20	0.3	14.5	0.4
NTS0110	382269	5334790		99	8	13400	<200	15	<0.05	17	0.4	6.5	0.2
NTS0111	382279	5334819		510	17	6650	<200	9	0.1	27.5	0.5	27.5	0.7
NTS0112	382254	5334843		195	3	6350	<200	8	<0.05	10	0.2	6	0.1
NTS0113	382260	5334860		29	10	11600	500	12	<0.05	62	0.4	64	1
NTS0114	382260	5334880		2	7	13600	450	12	<0.05	27	0.7	25.5	0.5
NTS0115	382263	5334907		15	2	8750	250	8	<0.05	13.5	0.2	8	0.1
NTS0116	382274	5334914		<1	2	11200	200	12	<0.05	35	0.3	13.5	0.2
NTS0117	382301	5334923		1	4	8750	350	20	<0.05	31	0.4	27	0.5
NTS0118	382315	5334936		<1	3	14100	300	9	<0.05	14	0.4	9.5	0.2
NTS0119	382345	5334953		<1	3	9450	<200	5	<0.05	10.5	0.3	9.5	0.1
NTS0120	382365	5334960		1	10	26200	350	22	<0.05	20.5	0.6	16	0.3
NTS0121	382385	5334970		2	6	4200	450	10	<0.05	68	0.3	35.5	0.4
NTS0122	382404	5334979		3	8	16300	600	11	0.05	56	0.6	29.5	0.6
NTS0123	382430	5334979		<1	2	3200	<200	6	<0.05	5.5	0.1	3	-0.1
NTS0124	382466	5334972		<1	6	13500	200	7	<0.05	17.5	0.7	16	0.4
NTS0125	382478	5334996		<1	5	7400	250	9	<0.05	22.5	0.2	26.5	0.7
NTS0126	382483	5334956		<1	4	15600	400	27	<0.05	18	0.7	5.5	0.2

**TABLE 2**  
**Mt Ellen Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Bi
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				LDETECTION	1	1	100	200	1	0.05	0.5	0.1	0.5
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
NTS0127	382507	5334937		<1	3	7600	450	11	<0.05	18.5	0.2	11	0.2
NTS0128	382514	5334929		<1	5	15900	250	8	<0.05	26.5	0.6	15	0.3
NTS0129	382516	5334916		<1	5	7600	200	7	0.1	13	0.5	12	0.2
NTS0130	382518	5334900		<1	3	12700	<200	6	<0.05	8.5	0.4	9.5	0.2
NTS0131	382241	5334903		73	4	4100	350	5	<0.05	29.5	0.3	20.5	0.3
NTS0132	382234	5334932		3	4	17700	350	10	0.05	54	0.8	54	0.8
NTS0133	382234	5334950		<1	7	10100	250	15	<0.05	7.5	0.6	5	0.1
NTS0134	382235	5334961		<1	4	13700	350	13	<0.05	27	0.5	10	0.2
NTS0135	382236	5335021		1	6	15000	250	22	<0.05	25	2.1	22	0.4
NTS0136	382237	5335039		<1	4	9850	250	14	<0.05	11	0.5	11	0.2
NTS0137	382239	5335051		<1	4	6200	450	8	<0.05	30.5	0.3	21.5	0.4
NTS0138	382230	5335069		1	4	14700	300	10	<0.05	28	0.5	40	0.5
NTS0139	382236	5335091		<1	5	7750	600	13	<0.05	15	0.2	13	0.2
NTS0140	382225	5335105		1	7	22200	400	39	<0.05	30.5	0.4	15	0.3
NTS0141	382239	5334848		83	6	8500	600	9	0.05	64	0.6	66	0.7
NTS0142	382201	5334884		20	5	11400	450	9	0.05	40.5	0.4	26.5	0.5
NTS0143	382179	5334872		15	4	5500	400	6	<0.05	26	0.4	17	0.4
NTS0144	382160	5334869		50	6	10700	300	11	<0.05	23	0.2	20.5	0.4
NTS0145	382138	5334856		27	3	4050	300	4	<0.05	23.5	0.3	10.5	0.2
NTS0146	381890	5334832		3	3	13800	250	16	0.05	38.5	0.5	40	0.7
NTS0147	381878	5334832		4	3	9200	300	10	0.05	35	0.5	27	0.5

**TABLE 2**  
**Mt Ellen Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
				1	1	100	200	1	0.05	0.5	0.1	0.5	0.1
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			
NTS0166	381697	5335125		<1	<1	6100	<200	2	0.5	6.5	0.3	1.5	<0.1
NTS0167	381706	5335108		2	1	10600	<200	4	0.35	17.5	0.4	8	<0.1
NTS0168	381709	5335084		2	2	8900	250	3	0.4	28	0.4	16	<0.1
NTS0169	381724	5335072		2	1	7000	250	16	0.1	23.5	0.3	24	<0.1
NTS0170	381732	5335048		2	4	17500	800	15	0.4	78	0.8	25.5	<0.1
NTS0171	381739	5335029		<1	2	7750	300	5	<0.05	31.5	0.3	12.5	<0.1
NTS0172	381750	5335006		1	3	17300	450	9	0.3	45	0.7	24.5	<0.1
NTS0173	381759	5334986		<1	<1	10400	<200	2	0.15	19	0.4	8.5	<0.1
NTS0174	381781	5334964		<1	1	2300	<200	3	0.45	25	0.3	17.5	<0.1
NTS0175	381775	5334930		<1	8	10700	<200	2	0.45	18	0.4	39.5	<0.1
NTS0176	381790	5334910		<1	2	5400	250	6	0.2	44.5	0.4	29.5	<0.1
NTS0177	381895	5334905		2	2	4100	300	4	0.65	52	0.3	24	<0.1
NTS0178	3812814	5334874		1	11	13000	400	9	0.5	40	0.7	64	<0.1
NTS0179	381861	5334880		1	3	12400	<200	5	0.4	26	0.4	14.5	<0.1
NTS0180	382208	5335081		<1	4	11700	<200	7	0.25	14.5	0.3	12	<0.1
NTS0181	382200	5335063		2	5	11300	400	10	0.55	45	0.6	24	<0.1
NTS0182	382168	5335046		2	4	10600	300	10	0.45	66	0.7	26.5	0.2
NTS0183	382143	5335039		1	6	22600	200	10	0.35	30	0.3	9.5	<0.1
NTS0184	382121	5335028		1	3	6050	<200	5	0.15	18	0.3	9	<0.1
NTS0185	382096	5335016		<1	1	9600	<200	6	0.55	20	0.3	6	<0.1

**TABLE 2**  
**Mt Ellen Soil Samples continued**  
 (\* AGD 1966/55 AMG)

Sample ID	Easting	Northing	Description	Assays									
				Au	As	Fe	S	Zn	Ag	Cu	Mo	Pb	Tl
				FA3	IC2E	IC2E	IC2E	IC2E	IC2M	IC2M	IC2M	IC2M	IC2M
			METHOD	1	1	100	200	1	0.05	0.5	0.1	0.5	0.1
			LDETECTION										
			UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
NTS0186	382063	5335009		1	3	11500	350	9	0.55	52	0.5	21.5	0.1
NTS0187	382014	5335010		<1	2	12500	<200	8	0.65	38.5	0.5	28	<0.1
NTS0188	382003	5334982		2	2	9100	<200	10	0.65	39	0.5	24.5	<0.1
NTS0189	381981	5334963		1	1	11800	<200	6	0.4	25	0.4	15.5	<0.1
NTS0190	381961	5334927		1	5	23500	500	15	0.45	29	0.8	13	<0.1
NTS0191	381945	5334897		2	6	15500	300	12	0.5	29.5	1.3	33.5	0.2
NTS0192	381925	5334865		2	4	14700	200	14	0.35	44.5	0.8	26	0.1
NTS0193	381929	5334815		2	4	10100	<200	14	0.55	43	0.5	32.5	0.1
NTS0194	381899	5334807		2	3	9550	200	12	0.65	34.5	0.5	29	0.1

## 5 ENVIRONMENT

Soil sampling at East Darwin required an addition of 2.8 line kms of new grid lines to be prepared in an east-west direction through vegetation classed by Tas Veg as predominantly 'Eucalyptus Nitida – mixed forest' with minor 'Button grass and Moorland'. All of the mixed forest areas have previously been logged and burnt out so much of the vegetation represents regrowth. Lines were pegged at 50m intervals with wooden pegs. All the areas worked in were treated as if not contaminated by '*Phytophthora*' so all boots and gaiters were washed before going into a new area/line and at the end of each day.

Inspections of previously rehabilitated drill sites and vehicle access tracks for previous Newcrest drill holes NCT002 (East Darwin), NCT003 (Nasty Nob) and NCT005 (Mt Ellen) were inspected to ensure the holes were properly sealed and that long-term erosion and sedimentation effects had not developed and vegetation had been re-established on both drill sites and access tracks.

## 6 PLANNED WORK

The planned program of work for the next 12 months is as follows:

- 1) possible geophysics at East Darwin
- 2) diamond drill hole at East Darwin and/or Mt Ellen.

## 7 BIBLIOGRAPHY

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**8 EXPENDITURE****EL20/2003  
QUEENSTOWN – MT DARWIN PROJECT****For Period 27<sup>th</sup> May 2006 – 26<sup>h</sup> May 2007**

<b>ITEM</b>	<b>EXPENDITURE</b>
SALARIES	\$98,572
DRILLING	\$80,791*
FIELD COSTS	\$2,498
MISCELLANEOUS OFFICE COSTS	\$1,916
TRAVEL/ACCOMM	\$7,167
VEHICLES	\$45
ANALYSES	\$7,676
OTHER	\$920
<b>TOTAL EXPENDITURE</b>	<b>\$199,585</b>

\* Drilling expenditure reflects costs arising from activities carried out during the previous reporting period and coded during this current period.