PLACER DOME

Annual Report

Henty Gold Mine

EL28/2001

Lake Newton Lease

HELD BY: **HENTY GOLD LTD**

MANAGER & OPERATOR: **PLACERDOME AUSTRALIA LTD**

AUTHORS(s): **Simon Pollard**

DATE: **April 8, 2006**

MAP SHEETS: **1:25,000 Tyndall, Selina** **1:100,000 Sophia**

GEOGRAPHIC COORDS: **Min East: 379,000mE** **Max East:382,000mE**
Min North: 5,356,000mN **Max North: 5,360,000mN**

COMMODITY(s): Au

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ALL DATUM IN THIS REPORT REFER TO THE GDA94 GEODETIC DATUM

Summary

During the period from May 10, 2005 to May 10, 2006 Placer Dome Australia Ltd-Henty Mine performed diamond drilling operations on the Lake Newton Lease (EL28/2001). The drilling operations comprised the drilling of one drill hole (Z16520) from surface to a depth of 756.70m in order to test for gold bearing mineralisation around the at depth intersection of the "Henty-Comstock Horizon" with the Great Lyell Fault. This hole appears to have intersected the Henty Comstock horizon at depth, but visual examination of the core has failed to reveal evidence indicating the proximity or effects of the Great Lyell Fault. Assay results are pending, but none of the core from hole Z16520 displayed any visual evidence of a mineralised, gold bearing system. Further work on this lease is on hold until assay results from this hole are reviewed and further examination of existing geochemical and geophysical data has taken place.

Location

The Lake Newton Lease sits directly to the south and east of Henty Mine's 5M/2002 Mining Lease and covers 8 contiguous 1 square kilometre blocks 5 kilometres south of the Henty Mine portal.

Figure 1 - *Lease Location Map* *(EL28_2001_200604_01_map.jpg)*

Work Summary

A detailed review of data related to the Lake Newton lease was undertaken between January and June of 2005. This review included the examination of all on site data relating to the regional geology of the area and previous exploration work performed on the lease. A review was also made of all available reports in the Mineral Resources Tasmania library in Hobart.

The results of this exercise revealed that the two targets most prospective for significant gold bearing mineralization were the southern footwall of the Henty Fault and the at depth intersection of the "Henty-Comstock Horizon" with the Great Lyell Fault.

A surveyor was contracted to survey in all of the existing roads and former drill sites upon the lease and to tie this survey into the Henty mine grid coordinate system for ease of planning.

Upon examination of the results of this survey work, and visitation of prospective drill sites, it was determined that simply driving an access road to any site suitable for drilling to the southern footwall of the Henty fault was going to be prohibitively expensive. Also, any such access would have a large detrimental impact on the habitat around the Newton Creek and Henty river valleys.

For that reason work was concentrated on locating a suitable drill site from which to target the Henty-Comstock / Great Lyell intersection.

In 1995, Aberfoyle Resources Limited had drilled a hole from the side of what is now the Anthony Highway. This hole, NC4, ran east to west across the stratigraphy around the "Henty-Comstock Horizon" and identified a significant package of carbonate rocks in the hangwall of the "Henty-Comstock Horizon". Interpretation from this hole and surface mapping performed in the area suggested that the Henty Comstock was dipping west to east and would intersect the Great Lyell Fault at a depth of roughly 550m. **(See Figure 2)**

The current genetic model for the Henty deposit relied heavily on the premise that the Henty Fault had acted as a major conduit for gold bearing fluids and that the "Henty-Comstock Hoirizon", comprised of easily fractured voncaniclastic material, had provided a large trap for mineralisation. This genetic theory was employed in thinking about possible targets on the Lake Newton lease. With the favourable rocks of the "Henty-Comstock Horizon" interpretted to intersect the Great Lyell fault, in proximity to a potentially reactive carbonate unit, this area presented the most prospective target for drilling on the lease.

It was decided that drilling would take place from the same drill site as employed by hole NC4 both to minimize environmental impact and to ease correlation of results.

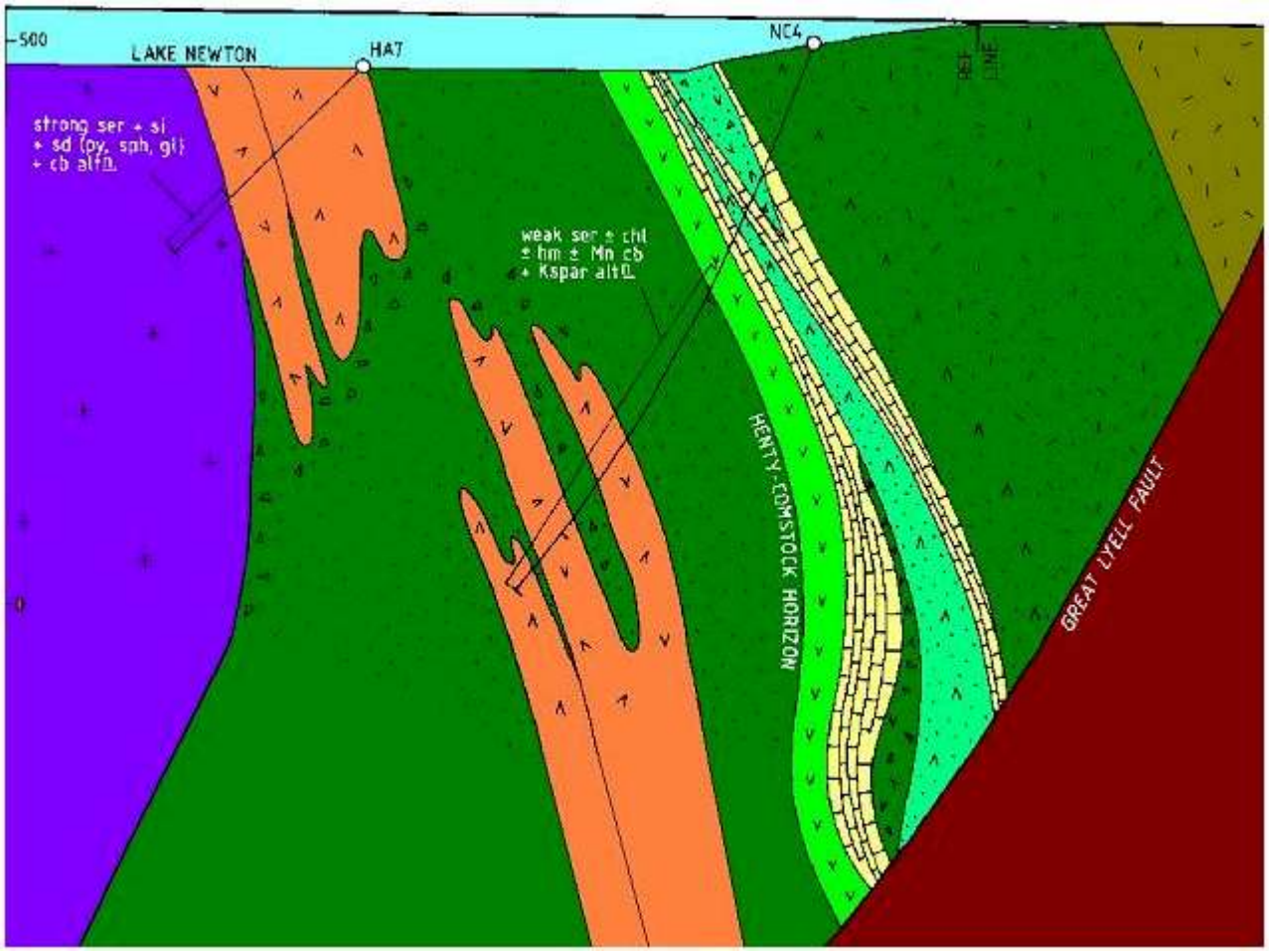

Figure 2 - ***Previous Drilling Hole NC4*** ***(EL28_2001_200604_01_sect.jpg) After Callaghan, 1995.***

It was immediately realised that the original drill site for hole NC4 was too small for drilling operations to go ahead safely. In order to widen the space between the drill platform and drillers from the traffic moving along the Anthony Highway, the drill site had to be expanded. The requisite approvals were sought and received from all applicable agencies and then the drill site was expanded from its existing dimensions of 10 metres by 8 metres to a more suitable 16 metres by 10 metres. Williams Earth Moving was contracted to carefully pull back the vegetation from the site to expose the final pad size. Williams then hauled roughly 800 cubic metres of broken rock from the White Spur waste stockpile to build up the site, which is located on the side of a slope.

For both the safety of the public and the security of the drill equipment, Setori Engineering was contracted to build a 3 metre high chain link fence around the drill site.

In September of 2005, drilling of hole Z16520 began on an original hole plan of 550m. Drilling began very slowly as ground conditions were poor and the tuffaceous ground mass was well silicified and thus resistant to drilling. The hole was eventually drilled to plan, and then extended as sporadic patches of serricitic alteration were repeatedly intersected at depth. Drilling operations ended in December of 2005 with the hole reaching a final depth of 756.70 metres.

Logging of this hole was delayed with the intention of first re-logging hole NC4 for the sake of correlation. Unfortunately, the bulk of hole NC4 has been loaned out of the MRT core library and has thus been unavailable to date.

Logging of hole Z16520 was completed on April 7, 2006 and assays are now pending.

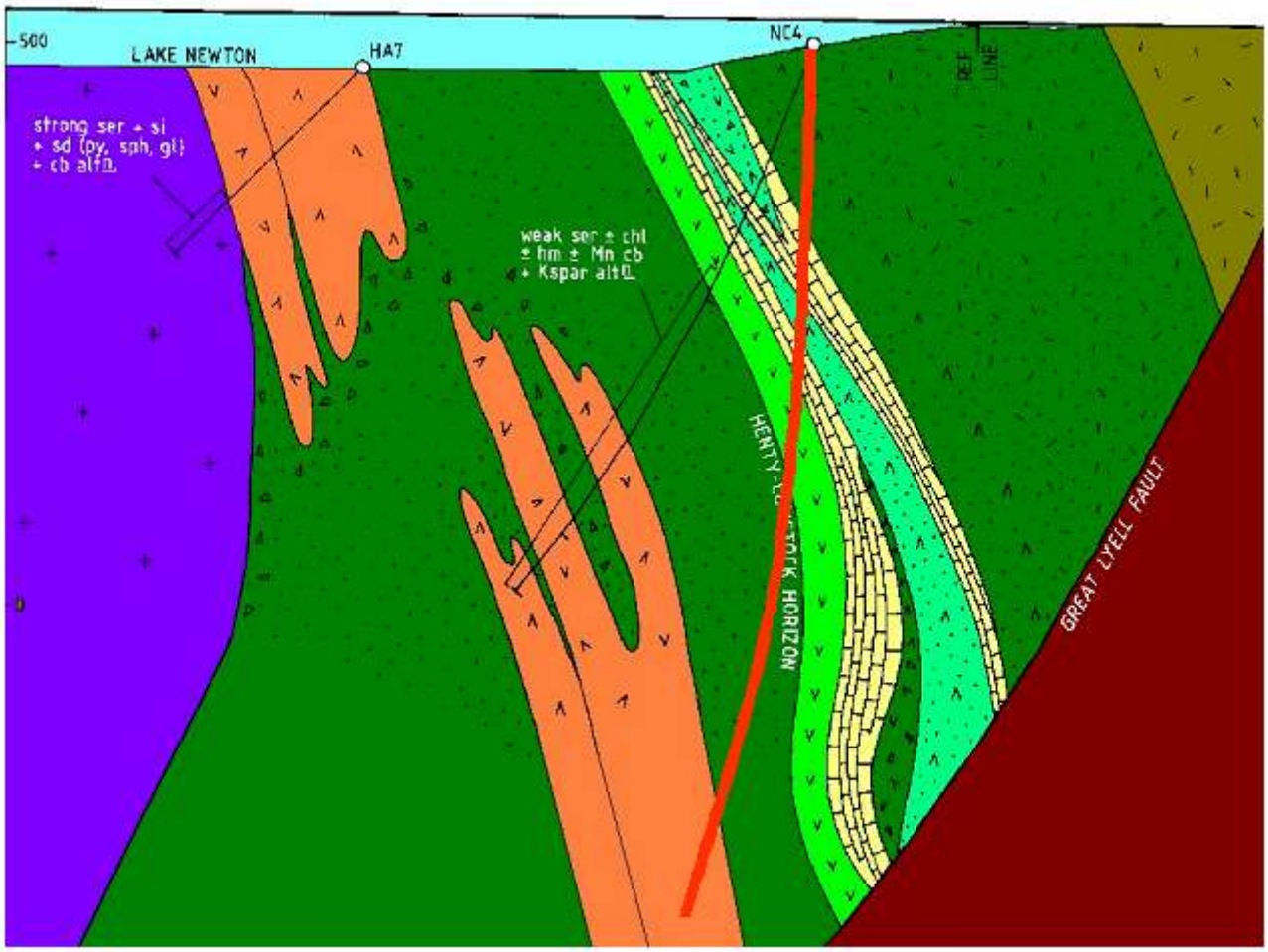

Figure 3 - *Schematic Trace of Hole Z16520* *(EL28_2001_200604_02_sect.jpg) After Callaghan, 1995.*

Results

Visual examination of hole Z16520 has failed to reveal any obvious indications of gold bearing mineralization. Highlights from the hole include the following:

317.50-318.85

Wide quartz carbonate vein

326.55-327.25

Coarse crystalline quartz vein with interstitial hematitic staining

330.68-331.65

Massive quartz vein with minor interstitial brown carbonate

342.00-345.05

Minor quartz veining with trace galena, pyrite and sphalerite

345.05-345.20
Quartz vein with minor coarse galena and sphalerite

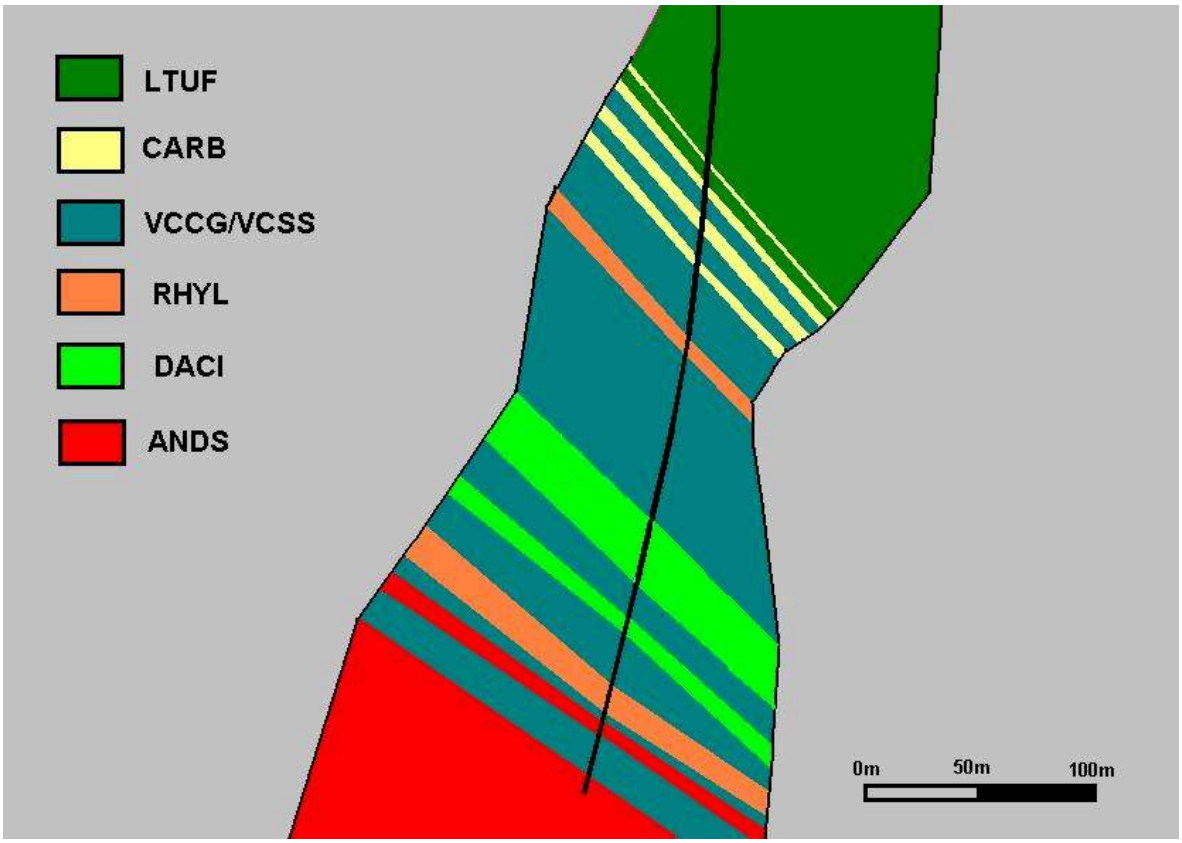

Figure 4 - *Section Through Z16520 Looking North* ***(EL28_2001_200604_03_sect.jpg)***

Expenditures

The following is a summary of the costs attributed to the work described above:

Surveying -	$ 3,878.00
Drill Pad Construction -	$ 9,000.00
Fence Erection -	$ 6,237.00
Drilling Metres Charges -	$ 77,387.12
Drilling Field Costs -	$ 37,680.00
Drilling Consumables -	$ 31,820.36
Wages - Planning -	$ 5,000.00
Wages - Supervision -	$ 5,300.00
Wages - Logging -	$ 1,640.00
Wages- Core Preparation -	$ 740.00
Total -	$178,682.48

Proposed Exploration Work

Results are still pending for the assaying of samples from hole Z16520. Once these results are returned they will be reviewed, in conjunction with a second review of all existing geochemical data available for the lease.

If the results of hole Z16520 return no evidence of gold mineralization, as is suspected after visual logging of the core, then no further drilling is planned for 2006/2007. Henty mine would then request assessment and guidance from our corporate exploration group before proceeding with more work on this lease.

If results come back suggesting a gold bearing system is present, then secondary drilling of this system may take place, subject to budgetary application and approval. No guess can be presently made as to the scope of such drilling activity. With the recent take over of Placer Dome by Barrick Gold, it is difficult at this point to know what the exploration strategy for the new company may be.

References

Callaghan, T: "Partial Relinquishment Report, Tasmanian Gold Project, EL8/96", 2001

STUATUTORY DECLARATION

I, Simon C. Pollard, in the role of Chief Geologist for Henty Gold mine, do hereby attest that the contents of this report are, to the best of my knowledge, fair, accurate and true.
I have signed this document hereto to attest to this statement on this 8th day of April 2006 at Henty Gold mine in the witness of Raul Hollinger, Senior Mine Geologist at Henty mine.

Simon C Pollard……

Date……

Raul Hollinger……

Date……..

APPENDIX A

Drill Hole Log For Hole Z16520

Henty Drillhole Report

Hole Z16520

xCollar	yCollar	zCollar	Brg	Dip	Hole Lth	Logger	Hole Status: Description	Geo	Date	Last Mod
381157.69	5358711.0	2511.83	272	-86.1	756.7	SS	Fully checked			24/05/2006

Survey

Depth	Azmth	Dip	Valid	Comments
0.00	271.6	-86.7	y	surveyed
45.00	268.5	-85.4	y	
75.00	267.9	-85.2	y	
105.00	267.0	-85.1	n	
135.00	272.0	-85.0	y	
165.00	267.7	-84.9	y	
195.00	271.6	-84.6	y	
225.00	268.9	-84.5	y	
255.00	270.6	-83.8	y	
315.00	263.1	-80.0	y	
345.00	263.6	-79.6	y	
400.00	265.9	-78.1	y	
430.00	269.0	-77.9	y	
460.00	268.6	-77.2	y	
490.00	269.9	-76.9	y	
520.00	271.5	-76.6	y	
550.00	271.9	-76.5	y	
580.00	273.1	-76.4	y	
610.00	273.2	-76.5	y	
650.00	274.6	-75.7	Y	
680.00	275.6	-76.0	Y	
710.00	277.5	-75.4	Y	
740.00	279.4	-75.2	Y	

Assays

From	To	Smpl	Au	Au1	Au2	Ag	As	Cu	Pb	Zn	Bi	S	Fe	Cd	Mn	Ni	Ca	Hg	Carb	Comments
0.00	1.00	A12346																		
190.00	191.00	z16520001																		
200.58	201.00	z16520002																		
212.00	213.00	z16520003																		

213.00	214.00	z16520004	
215.33	216.00	z16520005	
238.00	238.32	z16520006	
243.00	243.91	z16520007	Carb
253.00	254.00	z16520008	VCSH
254.00	255.00	z16520009	VCSH
255.00	256.00	z16520010	sr alt VCCG
256.00	257.00	z16520011	sr alt VCCG
325.25	326.25	Z16520012	vess
326.25	326.55	Z16520013	vess
326.55	327.25	Z16520014	vein
327.25	327.60	Z16520015	vess
327.60	328.35	Z16520016	vein
328.35	329.40	Z16520017	vess
329.40	350.65	Z16520018	vess
330.65	331.65	Z16520019	vein
331.65	332.65	Z16520020	vess
332.65	333.65	Z16520021	vess
337.50	338.50	Z16520022	vess
338.50	339.55	Z16520023	vess
339.55	340.00	Z16520024	vess
340.00	341.00	Z16520025	vesh
341.00	342.00	Z16520026	vesh
342.00	343.00	Z16520027	vesh
343.00	344.00	Z16520028	vesh trace gal
344.00	345.05	Z16520029	minor gal-pyr
345.05	345.20	Z16520030	vein+gal-sph
345.20	346.00	Z16520031	vess
346.00	347.00	Z16520032	vess
347.00	348.00	Z16520033	vess
348.00	349.10	Z16520034	vess
349.10	350.00	Z16520035	vess
350.00	351.00	Z16520036	si alt vess
351.00	351.55	Z16520037	si alt vess
351.55	352.50	Z16520038	vesh +ser
352.50	353.30	Z16520039	vesh +ser
353.30	354.30	Z16520040	vesh +ser
354.30	355.30	Z16520041	vesh +ser
355.30	356.25	Z16520042	vesh +ser
356.25	357.30	Z16520043	vess + ser
357.30	358.30	Z16520044	vess + ser
358.30	359.30	Z16520045	vess + ser
359.30	360.30	Z16520046	vess + ser
360.30	361.30	Z16520047	vess + ser

361.30	362.30	Z16520048	vcss + ser
362.30	363.30	Z16520049	vcss + ser
363.30	364.30	Z16520050	vcss + ser
364.30	365.30	Z16520051	vcss + ser
365.30	366.30	Z16520052	vcss + ser
366.30	367.30	Z16520053	vcss + ser
367.30	368.30	Z16520054	vcss + ser

Rocktype

dFrom	dTo	Form	Type	GrnSz	Sort	Texture 1	Texture 2	Cntct Lowe	Mineralogy 1	Mineralogy 2	Mineralogy 3	Mineralogy 4	Mineral Percent 1	Mineral Percent 2	Mineral Percent 3	Mineral Percent 4	Mineral Occurr. 1	Mineral Occurr. 2	Mineral Occurr. 3	Mineral Occurr. 4	Class	Comments
0.00	16.00	LYM	LTU					GR														weak/mod oxidised and weathered saprock, min
16.00	26.30	LYM	LTU					GR														Ltuf, coarse grained crystal rich lithic breccia. C
26.30	36.60	LYM	LTU					GR														fine grained ltuf/sand, top of mass flow? Youngi
36.60	57.00	LYM	LTU					GR														med grained xtal rich lithic sstn, intermittant l.
57.00	61.00	LYM	LTU					GR														as above, pale green, slightly leached chlorite alt
61.00	80.85	LYM	LTU					SP														medium grained grading to coarse grained at ba
80.85	82.20	LYM	LTU					GR														fine grained top of bed, patchy pervasive albite
82.20	100.00	LYM	LTU					GR														medium grained grading to coarse grained at ba
100.00	123.80	LYM	LTU					FT														coarse grained crystal rich sstn,large angular lith
123.80	125.50	LYM	FTX					FT														broken ground, minor fanlting and pugg on frac
125.50	136.10	LYM	LTU					GR														as above above but slightly leached and paler in
136.10	138.00	LYM	LTU					GR														medium grained sstn, dark grey/black, homogen
138.00	147.42	LYM	LTU					SP														grey coarse grained poorly sorted, patchy albite
147.42	150.25	LYM	CAR					SP														carb breccia, white/pink massive carb in grey F
150.25	152.10	LYM	VCS					SP														FG, siltstone, grey/black
152.10	160.03	LYM	LTU					SP														grey, med/coarse grained, no albite, dark chl cla
160.03	169.25	CVC	VCC					SP														light grey,med/fine grained, irregular foliation
169.25	170.22	LYM	CAR					SP														Banded wavy carb, minor chl, red rhodochrosite
170.22	175.35	LYM	CAR					SP														banded, interbedded carb + FG sand, blebby-po
175.35	178.00	LYM	CAR					SP														massive carb, white with pink blebs up to 4cm,
178.00	179.00	LYM	SISL					SP														v. FG cherty siltstone, v. fine relict bedding, lig
179.00	181.50	LYM	VCS					SP														intensely carb sstn, pale grey, trace chl
181.50	189.70	LYM	VCC					SP														v. coarse, matrix supp bx-cg, subangular-angula
189.70	190.00	LYM	VCS					IR														v. fg cherty siltstone, fine laminations, soft sedi
190.00	195.40	LYM	VCC					IR														mild sr, wi chl, squished texture, soft sed defor
195.40	198.78	LYM	VCS					IR														v. fg silt-sine sand, dark grey, random rafts of c
198.78	200.58	LYM	VCC					IR														poorly sorted matrix supported cg, clasts up to 5
200.58	214.28	LYM	CAR					IR														Does not quite fit the carb category. carb-jspr-per carb dt VCCG, dec in carb, minor wk bx,
214.28	215.53	CVC	VCC					SP														mod sorted polymictic vccg, subrounded-suban
215.53	216.30	CVC	VCC					SP														feldspar-lithic volcaniclastic, high relict feldspar
216.30	238.32	LYM	LTU					SP														

238.32	239.63	CVC	VCS	BK
239.63	243.90	CVC	CAR	FT
243.90	244.34		FTX	FT
244.34	245.25	CVC	CAR	GR
245.25	255.00	LYM	VCS	GR
255.00	258.00	LYM	VCC	FT
258.00	258.40	LYM	FTX	FT
258.40	260.33	LYM	VCS	SP
260.33	271.70	CVC	VCS	GR
271.70	275.30	CVC	VCS	GR
275.30	277.35	CVC	VCS	GR
277.35	294.00	CVC	VCS	GR
294.00	302.95	CVC	VCS	GR
302.95	314.60	CVC	VCC	GR
314.60	317.50	CVC	RHB	SP
317.50	318.85	CVC	VEI	SP
318.85	326.55	CVC	RHY	IR
326.55	327.25	CVC	VEI	IR
327.25	327.60	CVC	RHB	SP
327.60	328.35	CVC	VEI	IR
328.35	330.68	CVC	RHY	IR
330.68	331.65	CVC	VEI	IR
331.65	339.55	CVC	VCC	GR
339.55	345.05	CVC	VCS	SP
345.05	345.20	CVC	VEI	SP
345.20	349.16	CVC	VCS	GR
349.16	350.00	CVC	VCS	SP
350.00	351.53	CVC	VEI	GR
351.53	353.30	CVC	VCS	GR
353.30	356.25	CVC	VCS	GR
356.25	385.00	CVC	VCC	GR
385.00	405.25	CVC	VCS	SP
405.25	405.75	CVC	VCC	SP
405.75	409.04	CVC	VCS	GR
409.04	409.60	CVC	VCS	GR
409.60	414.05	CVC	VCC	GR
414.05	419.05	CVC	VCS	GR
419.05	419.70	CVC	VCS	SP
419.70	420.35	CVC	VCS	GR
420.35	444.85	CVC	VCC	GR
444.85	450.95	CVC	VCS	GR
450.95	483.50	CVC	VCC	SP
483.50	486.85	CVC	VCS	SP
486.85	497.70	CVC	DAC	GR
497.70	549.75	CVC	DAC	SP
549.75	555.50	CVC	VCS	SP
555.50	567.85	CVC	VCC	GR

silt-fine sand, dull grey, occ larger clasts 1-10mm
Carb + zones of DVSS, min chl alt, min py, cm
sr rich fault rock, intense pugg
sheared carb zone, hx carb-rhodochrosite?, jsp f
Banded carb-rich VCSH, deep purple coloured,
banded subangular matrix supported monomict
Possibly FTXX? Zone of drillers sludge, follows
chl-cb-sr alt VCSS, some carb+jspr zones, mod
dark grey/green mod foliated MG sstn, chl + mi
reduced chl, light brown spotty clastic appearan
finer grained silicious cherty material, some rafl
med grained, weak ser alt, clastic texture resembl
as above, increased leaching
increased grainsize, wavy fabric, increased ser
light brown yellow qtz rich rhyl breccia?,
qtz-carb vein low angle to CA. Fe rich carb [oxi
rhyl/rhbx? Silicious hard light grey. Feather-like
coarse crystaline qtz vien with interstitial brown
grey sstn/rhbx blebby brown carb
coarse crystaline qtz vien with interstitial brown
light brown yellow qtz rich rhyl breccia?,
massive qtz-minor interstial brown carb, minor s
light brown/yellow, spotty apperance - brown ca
light grey: minor ser-carb alt, sedimentary lamin
dev'n qtz minor coarse galen-sphalerite
light grey: minor ser-carb alt, blotchy mottled ap
darker grey med grained ser-qtz altered sstn, tra
pervasive silicious alteration, dev'n qtz, trace sp
light grey weak ser alt. Trace small blebs <5mm
increased grainsize, intermittant pyr blebs, relict
mild ser alt volc bx
grey med grained, vweak ser, weak chl alt incre
carb-ser rich breccia. Matrix supp.
med/coarse grained wk chloritic sstn, trace carb
FG grey sstn
grey clast supp volc breccia
FG grey sstn few carb veins resembles a basalt
coarse grained chloritic sstn, minor carnb at bas
weak ser-carb alt veins, pale grey coloured
coarse grained mildly chloritic basalt/dacite bre
FG dark grey sstn, hard, chloritic, trace carb vei
poorly sorted basaltic/dacitic breccia, irregular cl
cherty light grey zone, irregular wavy sedimenta
med grained dark grey sstn/lava? Gradual increa
very hard silicious VFG felsic lava,spherical an
peperitic contact, highly silicious cherty banded
poorly sorted pumice breccia?, polymict clasts,

567.85	574.80	CVC	VCC		GR	as above, series of graded beds
574.80	574.98	CVC	VCS		GR	fine grained fine laminated highly silicious siltst
574.98	576.00	CVC	VCS		GR	rafts of laminated silicious siltstone in Dacite la
576.00	598.50	CVC	DAC		SP	homogenous highly silicious dacite/rhyolite lava
598.50	602.90	CVC	VCS		SP	peperitic zone? Rafts of FG siltstone up to 30cm
602.90	608.20	CVC	VCS		SP	laminated grey silicious siltsone grading to sand
608.20	649.00	CVC	VCC		GR	poorly sorted chloritic clastic pumice breccia. 5
649.00	652.80	CVC	VCC		GR	sericitic altered zone, foliation sub parallel to C
652.80	654.00	CVC	RHY		GR	very hard silicious light grey coherent lava,
654.00	659.80	CVC	RHB		GR	rhyl breccia, clast supported, minor albitisation
659.80	667.90	CVC	RHY		SP	grey mildly chloritic aphyric lava of rhyl/daci co
667.90	673.80	CVC	RHB		GR	angular fragment 3-4mm, weak albitisation of cl
673.80	681.00	CVC	RHY		SP	FG aphyric lava, dark grey, silicious, minor bree
681.00	687.00	CVC	VCC		SP	sericitic, abundant 2-4mm qtz clasts weak pink
687.00	689.60	CVC	AND		SP	grey/green chloritic FG lava, silicious,
689.60	705.45	CVC	VCC		SP	sericitic poorly sorted, increasing in chl D80, dif
705.45	707.00	CVC	VCS		SP	cherty silicious siltstone, V hard, light grey, wea
707.00	740.00	CVC	VCC		SP	sericitic poorly sorted, increasing in chl D80, dif
740.00	740.80	CVC	VCS		SP	silicious siltstone, sedimentary laminations, ligh
740.80	741.80	CVC	VCC		SP	contains clast of vcsh up to 20cm, sericitic, poo
741.80	756.70	CVC	AND		EH	dark grey/brown rhyolite/andesite lava, aphyric,

Structure

depth	structure	width	coreAngle	dipAzth	stDip	comments
2.5	BKGR	1,000.0				moderately broken weathered sagrock
18	JOIN	1.0	38			
27.4	FOL3	1.0	35			no joint infill
34.8	FOL3	1.0	35			
37	BEDD	10.0	32			weak fine scale bedding
43.2	FOL3	1.0	65			trace crystalline pyr on fol surface
48.2	FOL3	1.0	30			
58.7	FAUL	1.0	35			small fault surrounded by 2m of moderate chl alt and leaching in surrounding rock
61	FOL3	1.0	55			
72	JOIN	1.0	48			
80.9	CONT	1.0	30			
88.4	JOIN	1.0	65			
98.1	JOIN	1.0	50			
109.8	JOIN	1.0	40			
119.7	JOIN	1.0	55			
124.2	FLT3	700.0			25	shallow fault 25 deg?? Peggy gravel and moderately broken ground. FG
135	JOIN		40			
158.3	CONT	1.0	36			
162.1	JOIN	1.0	65			

175	FOLI	1.0	18	planar fabric from matrix within carb
178	JOIN	1.0	35	
182.2	FRAC	1.0	32	series of // thin carb filled fractures
189.8	BEDD	1.0	45	~45, bedding soft-sediment deformed
198.6	JOIN	1.0	80	carb filled joint
215.3	CONT	1.0	22	contact, py band along contact
217.4	FAUL	160.0	30	bkgr, min pugg
224.1	FAUL	100.0		bkgr, min pugg
226.4	FAUL	2.0	25	v. small brittle fault, hard ground, little pugg,
238.3	CONT	1.0	60	~60,
241.5	BAND	1.0	40	banding within carb, possibly bedding?
243.9	PFT3	430.0		Large puggy fault
249.4	BAND	1.0	12	~12, presumed bedding within carb-jspr
254.9	PUGG	170.0		very puggy fault, adjacent folding indicates small shear zone
255.5	FOLI	1.0	25	
257.5	FOL2	1.0	28	
260.4	FOLI	1.0	34	
264.6	FOLD	50.0		isclinally folded qtz vein within weak/mod foliated unfolded sediments
275	FOL3	1.0	32	
276.7	SHER	40.0	28	qtz-ser/clay altered halo surrounding shear
284.3	FOL3	1.0	36	
288.8	FOL3	1.0	38	
298.3	FOL3	1.0	52	
314.6	SHER	3.0	34	mica along shear plane
326.6	VEIN	700.0		irregular, Qtz-Fe carb rich vein, trace chl
327.6	VEIN	650.0		qtz-carb(Fe)
330.7	VEIN	1,000.0		qtz-carb(Fe)
341.3	SHER	2.0	14	low angle weak shear
345.1	VEIN	150.0		dev qtz vein, minor gal-sph
349.2	FOL3	1.0	31	
350	VEIN	1,500.0		pervasive qtz vein/alt
357.4	FOL3	2.0	52	
362.5	SHER	2.0	5	v low angle weak shear
382.4	JOIN	1.0	72	perfect
391.5	FOL3	1.0	32	curved fol plane
396	JOIN	1.0	40	
411.9	VEIN	30.0		irregular anastamosing carb vein
419.7	VEIN	40.0		irregular anastamosing carb vein
429.1	JOIN	1.0	34	
444.8	FOL3	1.0	16	
446	FOL3	1.0	6	v low angle fol/bedding

458.4	SHER	3.0	27	weak low angle shear, minor chl along plane
473.5	PUGG	2.0	59	tiny grey puggy fault
479	SHER	5.0	10	low angle shear, minor ser-clay along plane, curved plane
483.5	SHER	10.0	10	low angle shear, proximal dev'n qtz veining and ser alt, trace dissem pyr
503.4	FOL3	1.0	22	
513.9	FOL3	1.0	23	
525.3	FOL3	1.0	53	
534.8	FOL3	1.0	22	
548.8	FOL3	1.0	12	
550	BEDD	6.0	50	
551.6	BEDD	1.0	46	
556	FOL3	1.0	42	
565	SHER	1.0	25	weak thin shear, 4mm carb vein in shear plane
577.4	FOL3	1.0	26	
584.4	FOL3	1.0	26	
591.1	FOL3	1.0	24	
604.5	BEDD	1.0	35	
607.6	BEDD	1.0	54	
616.7	JOIN	1.0	36	
621.4	VEIN	8.0	26	qtz vein, slickenslides, trace chl
624.9	SHER	1.0	36	small chl alt shear plane
632	VEIN	200.0	5	low angle weak ser-carb altered zone along sub parralel fractures/foliation sligh
640.9	VEIN	10.0	38	qtz-chl vein, 30cm sericitic alt. halo in surrounding rock
652	SHER	5.0	8	low angle shear, mod fol surrounding, intense sericitisation
656	JOIN	1.0	40	
659.2	VEIN	20.0	17	qtz-carb(Fe) brown stained carb
667.9	CONT	1.0	26	sharp distibnt contact
673.1	VEIN	18.0	33	coarse crystalline carb
674.5	JOIN	1.0	42	
686	FOL3	1.0	18	
698.9	JOIN	1.0	44	
705.5	JOIN	1.0	52	
717	JOIN	1.0	44	
734.4	JOIN	1.0	45	
740	BEDD	1.0	22	bedding??
741.8	CONT	1.0	39	sharp rhyl-sediment contact
755.3	JOIN	1.0	33	

APPENDIX B

METADATA

Henty Mine Metadata

for file EL28_2001_200604_01_drill.csv
This file is created from data in an in-house Microsoft Access Drill Database
The drilling was performed by Boart Longyear Diamond Drilling
The data has been exported to Microsoft Excel for the creation of the .csv file.

Collar Data		
Hole	Drill Hole ID	
X	Easting	GDA94
Y	Northing	GDA94
Z	Elevation	GDA94
Bearing	Azimuth	GDA94
Dip	Dip	
Length	Length of Hole	
Target	The target the hole was designed to hit	
Logger	Name of Geologist Logging Hole	
Date	Date hole logging was completed	
Coord	Geodetic Datum	GDA94

Downhole Survey Data		
Hole	Drill Hole ID	
Depth	Depth in hole	
Bearing	Azimuth of hole	GDA94
Dip	Dip of hole	
Valid	Is reading reliable?	
Comments	Comments about reading or test	

Assay Data		
Hole	Drill Hole ID	
SampleNo	Sample ID	
dfrom	Sample interval start	
dto	Sample interval end	
Comments	Comments about sample	
Au	Grade of sample in g/t	

Rocktype Data		
Hole	Drill Hole ID	
dfrom	Rocktype interval start	
dto	Rocktype interval end	
formation	Rock formation	
rocktype	Rocktype	
contact lower	Description of contact	
comments	Comments on type and contents of rocktype	

Structural Data		
Hole	Hole ID	
dfrom	depth of start of structure	
width	Width of structure	
core angle	Angle of structure to core axis	
stDip	Dip of structure	
Comments	Comments about structure	

Metadata for Picture Files

EL28_2001_200604_01_map.jpg	Created from Scan of 1:25,000 topomap and altered in Powerpoint
EL28_2001_200604_01_sect.jpg	Created from scan of Callaghan report and altered in Paint
EL28_2001_200604_02_sect.jpg	Created from scan of Callaghan report and altered in Paint
EL28_2001_200604_03_sect.jpg	Created from Datamine section export and then altered in Paint

EL28_2001_200604_01_log.jpg	Created from Scan of Drill Log into .jpg format
EL28_2001_200604_02_log.jpg	Created from Scan of Drill Log into .jpg format
EL28_2001_200604_03_log.jpg	Created from Scan of Drill Log into .jpg format
EL28_2001_200604_04_log.jpg	Created from Scan of Drill Log into .jpg format
EL28_2001_200604_05_log.jpg	Created from Scan of Drill Log into .jpg format
EL28_2001_200604_06_log.jpg	Created from Scan of Drill Log into .jpg format
EL28_2001_200604_07_log.jpg	Created from Scan of Drill Log into .jpg format

APPENDIX C

HENTY DRILL LOG CODES

RockType	Description
ABSI	Albite/silica alteration
ANDS	Anthony Road Andesite
AS	Albite Silica
AVSS	Andesite derived sandstone
CARB	Carbonate
CB	Carbonate
CTUF	Comstock Tuff
DACI	CVC dacite lava
DCBX	CVC dacite lava breccia
DVCG	CVC Dacitic volcaniclastic conglomerate
DVSH	CVC Dacitic volcaniclastic siltstone/shale
DVSS	CVC Dacitic volcaniclastic sandstone
DYKE	Minor intrusive
EP	Epiclastic
FP	Feldspar Porphyry
FT	Fault
FTXX	Undiff. rock in fault zone
HF	Henty Fault
HFLT	Henty Fault Zone
HS	Henty Fault Sequence
HW	Undifferentiated Hangingwall (CVC)
LAVA	Undiff. extrusive
LOSS	Lost core due to fault or core ground away
LTUF	Lynchford Tuff
MA	Moderate Alteration
MALT	Moderate mixed alt. types
MOTL	pervasive albite mottled volcaniclastic
MP	Massive Pyrite
MPYR	Massive pyrite
MQ	Massive Quartz
MQCB	Brecciated MQ w CB matrix
MQMN	Vis. sulphide MQ
MQMQ	Trace sulphide MQ
MSUL	Massive sulphide
MV	Quartz-Sericite Alteration

MVMN	+5% sulphide MV
MVMQ	MV with small pods MQ
MVMV	<5% sulphide MV
MYQP	quartz-pyrophyllite alteration
MZ	Quartz-Sericite-Sulfide Alteration
MZMQ	Poddy MQ in MZ
MZMV	Mixed MZ and MV
MZMZ	Low sulphide MZ as diss. pyrite
MZSS	High sulphide MZ
NC	Newton Creek Formation
PF	Puggy Fault
PYRO	Pyroclastic Unit
QFPY	Qtz/feldspar porphyry
QP	Quartz Porphyry
RHBX	Rhyolite Breccia
RHFP	Feldspar-pyhric rhyolite
RHQP	Quartz-phyric rhyolite
RHYL	Rhyolite
SC	Silica-Carbonate Alteration
SICB	Silica/carbonate alteration
SICG	Sedimentary conglomerate
SIFS	Si dominant H/W alt, Ser, + - Fluorite
SISH	Sedimentary shale
SISL	Sedimentary siltstone
SISS	Sedimentary sandstone
TUFF	undifferentiated volcaniclastic tuff
VC	Volcaniclastic
VCBX	Volcaniclastic Breccia
VCCG	Volcaniclastic conglomerate
VCSH	Volcaniclastic shale (ash bed) or siltstone
VCSS	Volcaniclastic sandstone
VCXL	Volcaniclastic crystal rich
VCXX	Volcaniclastic undifferentiated
VEIN	Mineral vein
XX	Undifferentiated
zz	Albite/silica alteration

Henty Mine - Formation Codes

Formation	Description
CT	Comstock Tuff
CVC	Central Volcanic Complex
HF	Henty Fault

LTG	Lower Tyndall Group
LYM	Lynchford Member
MJM	Mount Julia Member
NCF	Newton Creek Formation
OC	Owen Conglomerate
UTG	Upper Tyndall Group
ZZH	Zig Zag Hill Formation

Henty Mine - Mineralogy Codes

mineralogy	Description
AB	Albite
AS	Arsenopyrite
AU	Visible Gold
CB	Carbonate
CL	Chlorite
CP	Chalcopyrite
CY	Clay
FL	Fluorite
FU	Fuchsite
GL	Galena
GR	Graphite
HB	Hornblende
HE	Hematite
KF	K-Feldspar
LI	Limonite
MG	Magnetite
MU	Muscovite
PO	Pyrrhotite
PY	Pyrite
QZ	Quartz
SL	Sphalerite
SR	Sericite
SU	Sulphide

Henty Mine - Structure Codes

structure	Description
ANTI	Antiform fold axis
AXIS	Fold axis
BAND	Banding
BDCL	Bedding - Cleavage intersection
BEDD	Bedding

BKGR	Broken ground
BOUD	Boudinaged
CLEA	Cleavage
CONF	Conformable Contact
CONT	Contact
DISC	Discing
DRAG	Drag fold axis
DYKE	Dyke
FAUL	Fault, small
FISS	Fissile
FLT1	Fault, very large poss regional
FLT2	Fault, large local significance
FLT3	Fault, mod local significance
FOL1	Foliation strong
FOL2	Moderate foliation
FOL3	Weak foliation
FOLD	Folded
FRAC	Fracture Set
FWHF	Henty Fault Footwall
FWMQ	MQ Footwall
GRCO	Gradational Contact
HEAL	Healed Fault
HFLT	Henty Fault
HWHF	Henty Fault Hangingwall
HWMQ	MQ Hangingwall
JOIN	Joint
JTST	Joint Set
LENS	Lens
LINE	Lineation
LOSS	Core Loss
PFT1	Puggy fault, v large poss regional
PFT2	Puggy fault, large local significance
PFT3	Puggy fault, mod local significance
PUGG	Puggy Fault, small
RUBB	Rubble Zone
SHER	Shear
SLIC	Slickensides
STRI	Stringer
SYNC	Synform fold axis
UNCO	Unconformable Contact
VEIN	Vein
XBED	Cross Bedding