

Unity Mining Limited  
ABN 61 005 674 073

**Corporate Details:**

ASX Code: UML

Issued capital:  
702M ord. shares  
13.8M unlisted Perf. Rights

Substantial Shareholders:  
LionGold Corp 92.6M (13.2%)

Directors:  
Non-Executive Chairman:  
Clive Jones  
Managing Director:  
Andrew McIlwain  
Non-Executive Directors:  
Ronnie Beevor  
David Ransom  
Gary Davison

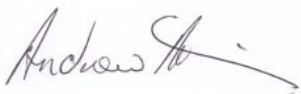
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Andrew McIlwain  
Managing Director & CEO  
24 January 2014

## Key Points

- ◆ **HENTY:**
  - Quarterly production of 7227 oz gold at a cash cost of \$1498/oz
  - Exploration drilling continued to extend Darwin South Zone; results include 2.05 m at 23.6 g/t and 0.9 m at 20.0 g/t gold
  - Drilling within the envelope of the Read Zone continues to yield high grade intercepts; results include 1.4 m at 45.7 g/t, located 100 m below current Read resource
- ◆ **DARGUES:**
  - Development on hold pending the completion of technical studies and funding
  - Combined Capex and Opex savings of \$30M targeted over the project's initial 5-year life
  - Drilling program completed at Dargues, with a best result of 13.0 m at 7.4 g/t gold
- ◆ \$9.7M cash at bank, with an additional \$11.2M cash-backing performance bonds

## Summary

*Andrew McIlwain, Managing Director & CEO comment* "Henty delivered a lower production result last quarter, caused principally by a significant stope failure in the Newton Zone where 75% of the tonnes and approximately 60% of the ounces were scheduled to be extracted from. The resultant loss of tonnage impacted on October production and also had a heavy impact on subsequent months as we were required to develop a new drive (in waste) to bypass the affected area. This bypass was recently completed and will result in tonnages picking up significantly from February onwards.

We now have multiple production sources available in the high grade Read Zone, which is currently delivering pleasingly high grade (+10g/t Au) albeit at modest tonnages. We have also seen further exploration success along strike at Read with exploration drilling significantly expanding the mineralised envelope to the south.

"It is worth noting that there has also been significant progress with respect to reducing costs at Henty. However the \$1.6M operating cost savings delivered during the quarter from this first phase of initiatives was more than offset by the shortfall in revenue in the quarter. As production returns to budgeted levels in future quarters, we expect to see the benefits of these cost reductions reflected in our reported production costs per ounce. We remain on track to deliver a full-year production result within our 40-50,000 ounce guidance range.

"As announced in November, development of the Dargues Project has been put on hold pending the completion of technical studies and funding. The technical studies are targeting savings of \$30M combined capex and opex over the project's initial 5-year life and are expected to significantly enhance the project economics " said Mr McIlwain.

## Production

- Henty Gold Mine produced 7227 oz at a cash cost \$1498/oz including royalties, with all-in sustaining cost (AISC) of \$1835/oz, (11,607 oz gold at AISC of \$1335/oz in Sept 2013 quarter).

## Development

- Dargues boxcut, ROM pad and access road are all completed. Site currently on care & maintenance.

## Exploration

- Drilling at Henty continues to focus on identifying extensions to the mineralisation at Read and Darwin South.
- A short exploration drilling campaign at Dargues was completed, with a best result of 13 m at 7.4 g/t gold.

## Corporate

- Gold sales were \$12.5 million during the quarter from the sale of 9052 oz gold at an average price of \$1378/oz.
- Cash at bank was \$9.7 million at 31 December 2013 (\$19.7 million at 30 September 2013).

## BACKGROUND

Unity Mining Limited (ASX:UML) is an Australian gold producer, developer and explorer which owns and operates the Henty Gold Mine on the West Coast of Tasmania and is developing the Dargues Gold Mine in New South Wales. Unity is also involved in gold exploration in West Africa through its investment in GoldStone Resources Limited. Unity holds tenure over the Bendigo Goldfield in Victoria where it is engaged in realising the value of its Kangaroo Flat gold plant and Bendigo exploration tenements.

The Henty Gold Mine has produced about 1.3 million ounces of gold over a 17 year period. Unity Mining has owned and operated Henty since July 2009. Recent exploration success has significantly extended the mine life, and continued exploration on the significant near mine tenement package remains a key focus.

The Dargues Gold Mine is located 60 km south-east of Canberra in Majors Creek near Braidwood. Majors Creek is the largest historic goldfield in NSW, historically producing more than 1.25 million ounces.

## OPERATIONS

### Safety

There were no lost time injuries and four medically treated injuries during the quarter. With safety a core value and focus of the Company, all incidents were thoroughly investigated and corrective actions identified and implemented to prevent recurrence. Implementing strategies to identify and manage risks in our workplaces remains our highest priority.

## Henty Operations

	Dec 2013 Qtr	Sep 2013 Qtr	Year to Date 2013/14
<b>Henty Gold Mine</b>			
Ore mined (t)	59,072	63,809	122,881
Ore processed (t)	58,557	63,576	122,133
Grade (g/t gold)	4.1	6.0	5.1
Recovery (%)	92.5	93.9	93.4
Gold produced (oz)	7227	11,607	18,834
Cash cost - pre royalty (A\$/oz)	1464	1021	1191
Cash cost - incl. royalty (A\$/oz)	1498	1065	1231
All-in Sustaining Cost (A\$/oz)	1835	1335	1527
Cash cost - incl. royalty (A\$/t)	185	194	190

*Note: Minor discrepancies may occur due to rounding*

## Mining

### Development

A total of 1103 m of underground mine development was completed during the December quarter, (1245m September 2013 qtr), primarily focused on continuing Read Incline, infrastructure and access development (312m), Read ore flat-backing (228m) and accessing the lower levels of the Newton Zone (316m). Exploration and development drilling during the quarter focused on Read, Darwin South and Newton zones.

Read Zone sill development and flat-backing delivered 10,057 tonnes of ore, with a further 8894 tonnes of ore sourced from Darwin South long-hole stopes.

In-fill diamond drilling of the northern portion of the Lower Newton orebody was undertaken with 35,578 tonnes of ore produced from Newton sill development and stoping.

Other exploration and development drilling focused on Read, Darwin South and Newton zones.

Ventilation upgrades were completed in both the Newton & Read orebodies in the quarter.

### Processing

The milled head grade for the quarter averaged 4.1 g/t with 93.4% recovery. Total ore processed for the quarter was 58,557 tonnes for a total gold metal recovery of 7227 ounces and silver metal recovery of 6983 ounces.

### Dargues Gold Mine development

In November 2013, the Company temporarily halted development of the Dargues gold project in NSW pending completion of technical studies and funding.

Construction of the 3.2km access road and infrastructure earthworks have been completed including the installation of ground support in the box cut, in readiness for commencement of underground mining.

Unity is continuing to review processing and funding options for Dargues and has delayed further development of the Project until these reviews are completed.

A small team of technical specialists has been tasked with reviewing and optimising key elements of the Dargues project to identify project optimisation and de-risking opportunities. The title of the project – “Project 30” represents the targeted cost saving (in \$millions) from a combination of capital and operational cost over the initial 5-year life of the project compared with the current project financial model.

Darwin South December Quarter extensional drilling results:

Hole Number	From (m)	To (m)	Downhole Width (m)	Gold Grade (g/t)
Z18804	29	31.3	2.3	6.5
and	40	42	2	6.5
and	44.85	45.9	1.05	11.3
Z18805	57	58	1	13.6
Z18807	50	56	6	4.8
and	63	64	1	6.3
Z18808	37	39	2	1.6
Z18814	19	21	2	12.2
and	42	44.05	2.05	8.3
Z18817	25.2	26	0.8	12.4
and	33.35	36.2	2.85	3.6
and	39.3	40.1	0.8	7.4
Z18821	38.4	41	2.6	3.7
Z18827	32	34.05	2.05	23.6
Z18829	21	23	2	3.0
Z18839	43	43.9	0.9	20.0
Z18846	50	51.9	1.9	11.8
and	59	61	2	10.9
Z18851	60	62	2	7.6
Z18858	57.8	59	1.2	12.5
Z18858	79	81.8	2.8	8.1
Z18873A	80	81.95	1.95	NSI

## EXPLORATION

### Henty Mine Exploration

Two underground drill rigs were active during the quarter targeting northern & down-dip extensions of the Read Zone and southerly extensions of Darwin South. A table containing the coordinates for all holes drilled in the quarter is shown in Appendix A.

### Darwin South

Drilling to the south of the South Darwin orebody continued to extend the high grade mineralisation in that area.

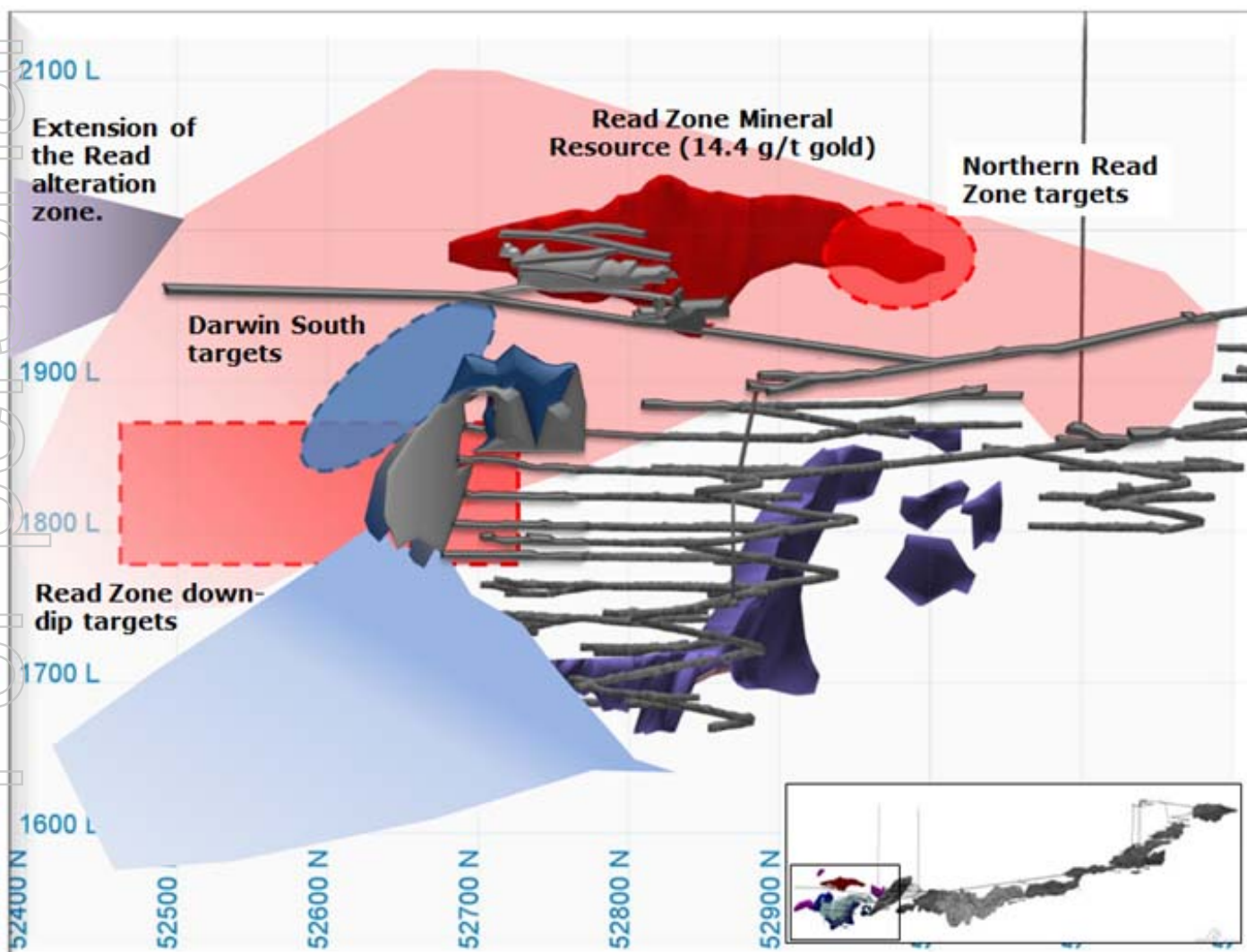


Figure 1. Long Section showing Read Zone exploration drilling target zones

**Read Zone**

Extensional drilling of the Read Zone continued, focusing on the down-dip and northern extensions of that zone, with one hole also targeted to the far south.

The hole to the south intersected 30 m of strong alteration, confirming the persistence of the zone 150 m south of the southern-most extent of the current mine. The down-dip results were particularly encouraging, with high grade results clustered down dip of the known Read mineralisation.

Read Zone December Quarter northern extensional drilling results:

Hole Number	From (m)	To (m)	Downhole Width (m)	Gold Grade (g/t)
Z18823	129	134	5	1.61
Z18828	131	131.7	0.7	0.03
Z18830	129.15	129.35	0.2	0.3
Z18832	131.8	133.2	1.4	0.05
Z18833	135.2	136	0.8	0.34
Z18835	137.35	138.5	1.15	0.05
Z18837	138.8	142	3.2	0.2
Z18843	146	147	1	0.04
Z18845	142.7	144	1.3	0.5
Z18847	137.95	138.8	0.85	0.1
Z18848	141.3	142.3	1	1.86
Z18858	281.2	283.6	2.4	0.1
Z18861	143	143.4	0.4	0.6
<b>Z18873A</b>	<b>147</b>	<b>151.1</b>	<b>4.1</b>	<b>9.4</b>

Read Zone December Quarter down-dip extensional drilling results:

Hole Number	From (m)	To (m)	Downhole Width (m)	Gold Grade (g/t)
Z18821	224	225	1	2.2
Z18824	242.25	244	1.75	2.11
Z18831	130.6	132.1	1.5	0.04
<b>Z18834</b>	<b>203.8</b>	<b>205.8</b>	<b>2</b>	<b>7.2</b>
Z18839	216.6	218	1.4	0.15
Z18844	237.15	238.8	1.65	0.42
Z18846	261	262	1	0.05
<b>Z18851</b>	<b>234.6</b>	<b>236</b>	<b>1.4</b>	<b>45.7</b>

**Dargues Mine Exploration**

The diamond drilling program at Dargues concluded in December, with 7 holes completed. The program was modified to extend some holes through the Ruby Lode position, into the deepest part of Main Lode. One of these holes (DREX330) encountered high grade mineralisation down plunge of the Dargues Main Lode mineralisation. This result is extremely encouraging as it adds to confidence in the persistence and quality of the Dargues Lode at depth. The results of the Dargues drilling are shown on the following page, along with a long-section of the lower section of the Dargues Main Lode.

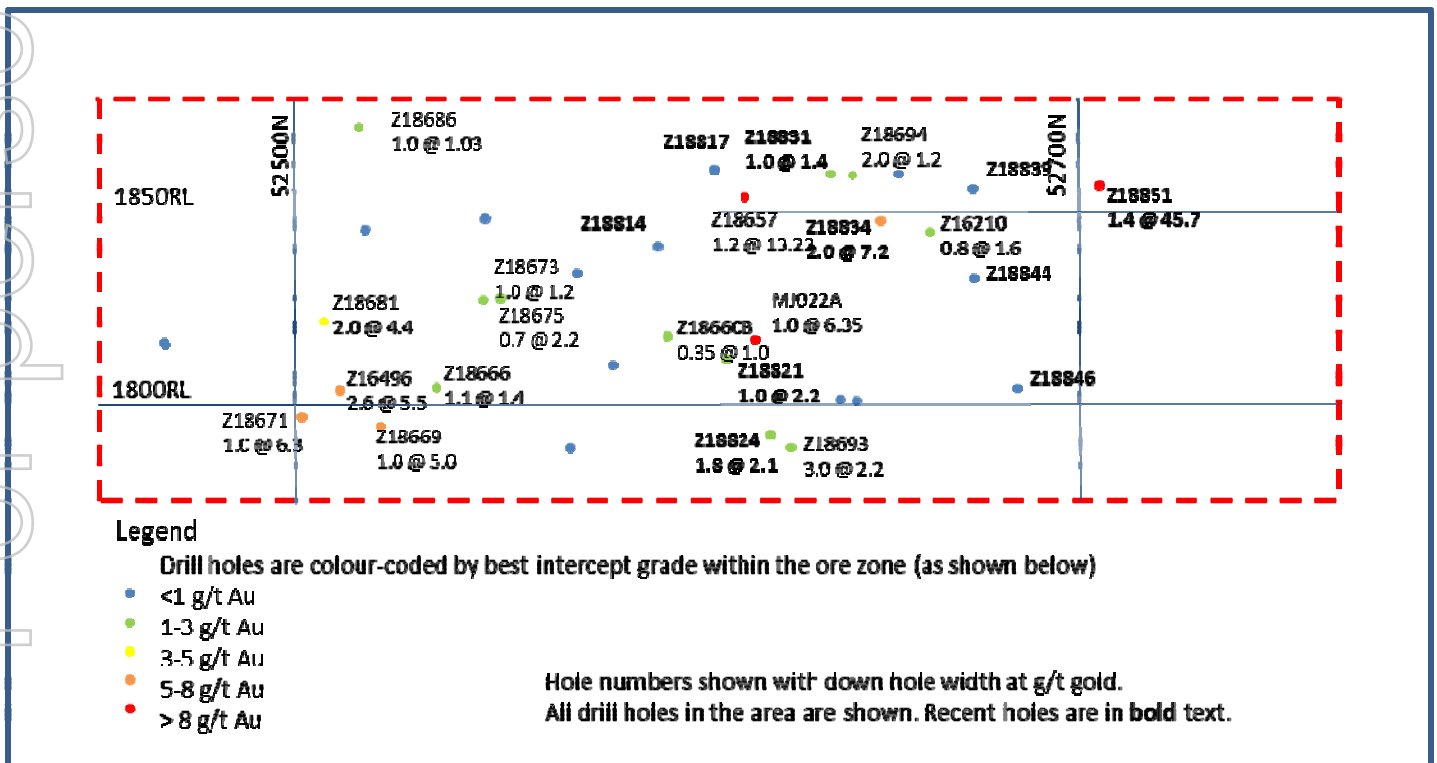


Figure 2. Long section showing all drill holes in Read Zone down-dip target area

December Quarter drilling results at Dargues:

Hole Number	From (m)	To (m)	Downhole Width (m)	Gold Grade (g/t)
DREX324	37	37.5	0.5	1.74
DREX325	109.4	110	0.6	1.25
and	129.6	132	2.4	2.12
DREX326	32	33	1	1.15
and	67	68	1	1.23
DREX327	54	56.8	2.8	4.72
and	65.35	67.2	1.85	3.22
DREX328	155.35	156	0.65	1.41
DREX330	568.05	568.7	0.65	1.71
and	571.1	571.7	0.6	1.37
and	574.5	576	1.5	2.77
and	577.9	578.4	0.5	1.21
and	583	596	13	7.42
and	597.8	598.8	1	1.38
DREX331	443.35	444	0.65	5.1
and	446	446.5	0.5	2.82
and	451.2	453	1.8	3.04

**Regional NSW**

The soil sampling campaign begun last quarter on the exploration ground surrounding the Dargues deposit has now concluded, with some encouraging results. Of particular interest is a gold - in-soil anomaly known as Doubleon, located 2km east of Dargues which is co-incident with a magnetic signature similar to Dargues. Data from this program is being interpreted alongside the geophysics in order to generate drill targets.

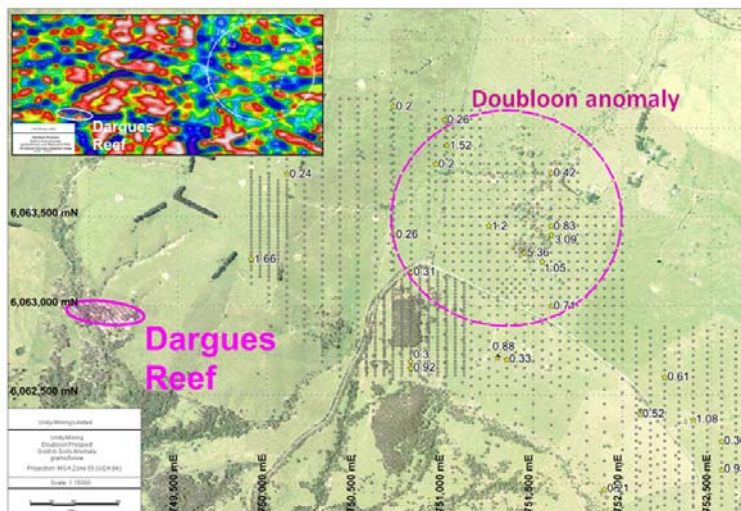


Figure 4. Map showing location of soil samples on the Doubleon prospect near Dargues Reef. Samples that assayed over 0.1 g/t Au are shown. Insert shows the magnetic low signature of Dargues and of Doubleon (circled).

**GOLDSTONE RESOURCES**

On 7 November 2013, Unity's 30.6% owned AIM-listed associate GoldStone Resources Ltd provided an update on progress at the GoldStone's Sangola project in Senegal, where it has a joint venture with Randgold Resources Ltd.

Following a review of the assay results of the drilling program completed by Randgold at Thiabedji and Tiobo in July 2013, Randgold concluded that the Thiabedji and Tiobo anomalies do not meet their high criteria to justify further work and that these prospects will not be investigated further under the current exploration program. Randgold's work will now focus on the Baraboye and Ibel prospective targets with a 5,000m reverse circulation ("RC") drilling program expected to commence in December, as well as further work on four newly identified regional conceptual targets. These targets were identified through their geochemistry signal and lithological/structural setting and will initially be investigated by means of rock-sampling and geological mapping.

On 13 November, GoldStone announced that Ben Hill had been appointed a Non-Executive Director of GoldStone following the resignation of Bill Geier as a Director of Goldstone. Mr Hill is currently Unity Mining's General Manager – Markets & Strategy.

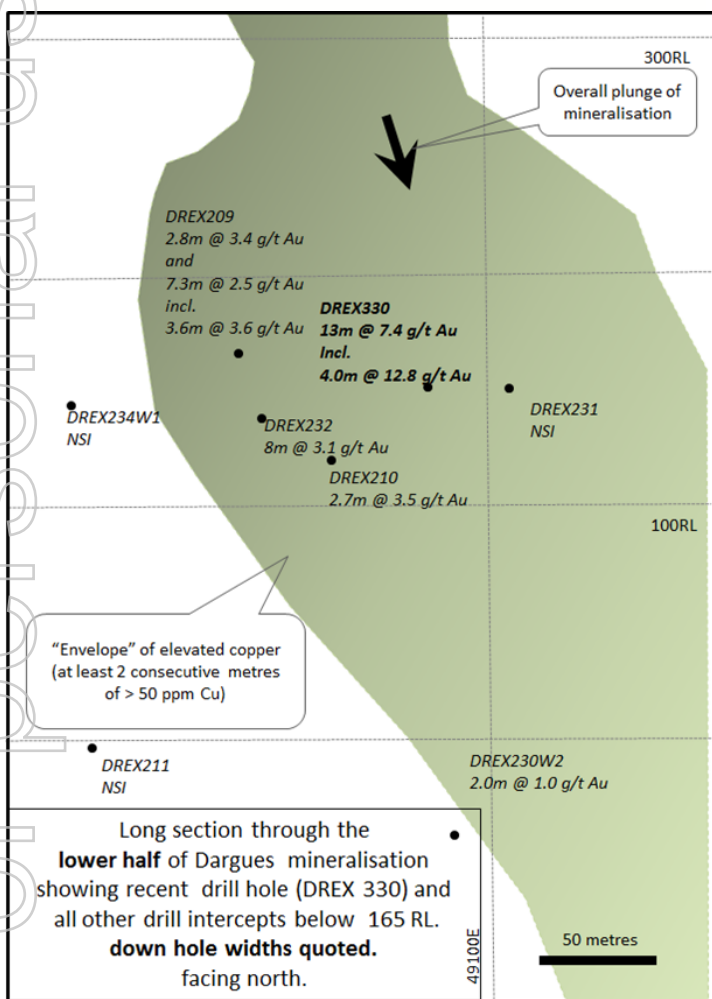


Figure 3. Long section of lower section of Dargues Main Lode

On 20 November, GoldStone released its half-year report for the period ended 31 August 2013. Key operational highlights during the period include:

- Joint venture with Randgold at the Sangola licence in Senegal
  - Four new regional targets identified. Six targets out of eight currently under investigation.
  - 4,200 m drilling program commenced at Baraboye anomaly.
  - Randgold to fund all exploration expenditure to define 1Moz of gold at pre-feasibility in order to earn a 51% interest in the joint venture
- Encouraging drilling results from Gabon
  - Oyem: best results in two drill lines 400 m apart over a 15 km long gold-in-soil anomaly include 2 m at 5.3 g/t (including 1 m at 9.5 g/t) and 2.2 m at 4.5 g/t (including 1 m at 9.1 g/t)
  - Ngoutou: results from the first three holes drilled along the most accessible part of the 15km long soil anomaly include 16 m at 1.3 g/t (including 2 m at 5.6 g/t), 33.5 m at 0.4 g/t and 32 m at 0.4 g/t gold.
- At Manso Amenfi encouraging results from soil sampling program
  - Trenching program underway
  - Thirteen soil samples yielding gold grades between 0.5 g/t and 3.7 g/t

This was followed up on 29 November with initial results from the trenching program at the Manso Amenfi project in Ghana. GoldStone received assay results from 18 trenches for a total of 927 metres from trenches located to test gold-in-soil anomalies in the north-eastern, north-western, central and south-eastern portions of the permit area.

Best results include 8 m at 1.7 g/t (including 2 m at 4.8 g/t), 50 m at 0.4 g/t, 2 m at 6.0 g/t, 2 m at 4.7 g/t and 18 m at 0.3 g/t gold. GoldStone believes this gold-in-soil anomalism supports the potential for strike extensions, and follow-up trenching and a possible drilling program are scheduled for H1 2014

Further details can be found on GoldStone's website at [www.goldstoneresources.com](http://www.goldstoneresources.com).

## CORPORATE

Gold sales were \$12.5 million during the quarter from the sale of 9052 oz gold at an average price of \$1378/oz.

Cash at bank was \$9.7 million at 31 December 2013 (\$19.7 million at 30 September 2013). The Company also has a further \$11.2 million cash-backed performance bonds for rehabilitation liabilities.

Major cash movements during the quarter related to negative mine operating cashflow from Henty (\$5.0M), project development costs at Dargues Gold Mine (\$6.1M), and changes in working capital of \$1.4M.

### Competent Persons' Statement

*Any information in this public report that relates to Ore Reserves, Exploration Results and Mineral Resources is based on, and accurately reflects, information compiled by Matt Daly for the Henty Gold Mine in relation to Ore Reserves, Angela Lorrigan for regional Exploration Results and Raul Hollinger in relation to mine Exploration Results and Mineral Resources. Daly, Lorrigan and Hollinger are Members of the Australasian Institute of Mining and Metallurgy, and Lorrigan and Hollinger are Members of the Australian Institute of Geoscientists. Daly, Lorrigan and Hollinger are full time employees of the Company and have more than five years experience in the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Daly, Lorrigan and Hollinger have given prior written consent, where required, to the inclusion in this report of the matters based on their respective information, where applicable, in the form and context in which it appears.*

*The information in this report that relates to GoldStone Resources exploration results, is based on information compiled by Dr Hendrik Schloeman, who is a Member of the South African Council for Natural Scientific Professions (a Recognised Overseas Professional Organisation ('ROPO') included in a list promulgated by the ASX from time to time). Dr Schloeman is a full-time employee of GoldStone Resources Limited. Dr Schloeman has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking, to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Schloeman consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.*

**Location and gold assays for holes drilled at Henty Gold Mine during the December quarter 2013.(FY14)**

Hole No.	Zone	Total Depth	East	North	RL	Dip	Azim	From (m)	To (m)	Width (m)	Au (g/t)
Z18804	Darwin South	60.0	20,210.1	52,650.8	1,872.4	- 4.0	202.2	29.0	31.3	2.3	6.5
Z18804	Darwin South	60.0	20,210.1	52,650.8	1,872.4	- 4.0	202.2	40.0	42.0	2.0	6.5
								44.9	45.9	1.1	11.3
Z18805	Darwin South	78.0	20,210.1	52,650.8	1,872.4	35.0	209.6	57.0	58.0	1.0	13.6
Z18807	Darwin South	90.0	20,209.5	52,650.7	1,872.6	40.9	190.2	50.0	56.0	6.0	4.8
								63.0	64.0	1.0	6.3
Z18808	Darwin South	84.0	20,210.9	52,650.6	1,874.0	- 9.5	180.8	37.0	39.0	2.0	1.6
Z18814	Read Zone	230.8	20,208.1	52,655.0	1,872.8	9.9	253.6	221.1	222.7	1.6	0.1
Z18814	Darwin South	230.8	20,208.1	52,655.0	1,872.8	9.9	253.6	19.0	21.0	2.0	12.2
								42.0	44.1	2.1	8.3
Z18817	Read Zone	227.5	20,208.0	52,655.2	1,873.3	3.0	256.1	206.0	207.0	1.0	0.5
Z18817	Darwin South	227.5	20,208.0	52,655.2	1,873.3	3.0	256.1	25.2	26.0	0.8	12.4
								33.4	36.2	2.9	3.6
								39.3	40.1	0.8	7.4
Z18821	Read Zone	245.8	20,208.1	52,655.2	1,872.7	18.6	257.3	224.0	225.0	1.0	2.2
Z18821	Darwin South	245.8	20,208.1	52,655.2	1,872.7	18.6	257.3	38.4	41.0	2.6	3.7
Z18823	Read Zone	138.4	20,058.8	53,001.4	1,911.8	-23.2	234.2	129.0	134.0	5.0	1.6
Z18824	Read Zone	258.7	20,208.1	52,655.2	1,872.7	25.1	261.2	242.3	244.0	1.8	2.1
Z18827	Read Zone	220.0	20,207.9	52,655.1	1,873.5	- 9.0	263.9	184.0	185.9	1.9	2.5
Z18827	Darwin South	220.0	20,207.9	52,655.1	1,873.5	- 9.0	263.9	32.0	34.1	2.1	23.6
Z18828	Read Zone	132.6	20,058.8	53,002.4	1,911.1	-29.8	500.2	131.0	131.7	0.7	0.03
Z18829	Read Zone	221.7	20,208.1	52,655.2	1,873.2	1.2	263.9	205.1	206.0	0.9	1.1
Z18829	Darwin South	221.7	20,208.1	52,655.2	1,873.2	1.2	263.9	21.0	23.0	2.0	3.0
Z18830	Read Zone	131.0	20,058.8	53,002.4	1,911.1	-16.5	254.7	129.2	129.4	0.2	0.3
Z18831	Read Zone	132.8	20,058.8	53,002.9	1,910.6	-11.1	258.6	130.6	132.1	1.5	0.04
Z18832	Read Zone	133.5	20,059.2	53,003.9	1,911.2	-19.1	271.7	131.8	133.2	1.4	0.1
Z18833	Read Zone	137.5	20,058.6	53,002.7	1,911.2	-24.8	276.5	135.2	136.0	0.8	0.3
Z18834	Read Zone	233.9	20,208.1	52,655.1	1,872.9	11.2	267.9	203.8	205.8	2.0	7.2
Z18835	Read Zone	140.5	20,058.7	53,002.2	1,911.4	-25.2	280.2	137.4	138.5	1.2	0.1
Z18836	Read Zone	257.0	20,208.1	52,655.2	1,872.5	21.6	268.2	237.0	238.0	1.0	1.0
Z18837	Read Zone	142.2	20,058.6	53,003.0	1,911.4	-24.4	284.9	138.8	142.0	3.2	0.2
Z18839	Read Zone	233.3	20,208.1	52,655.4	1,873.2	6.2	274.9	216.6	218.0	1.4	0.2
Z18839	Darwin South	233.3	20,208.1	52,655.4	1,873.2	6.2	274.9	43.0	43.9	0.9	20.0
Z18843	Read Zone	150.3	20,080.4	52,951.1	1,904.2	-67.2	479.4	146.0	147.0	1.0	0.04
Z18844	Read Zone	246.1	20,208.1	52,655.1	1,872.6	15.9	274.7	237.2	238.8	1.7	0.4
Z18845	Read Zone	146.3	20,080.3	52,951.1	1,904.2	-25.2	240.4	142.7	144.0	1.3	0.5
Z18846	Darwin South	266.7	20,208.0	52,655.2	1,872.8	22.5	274.7	50.0	51.9	1.9	11.8
								59.0	61.0	2.0	10.9
Z18846	Read Zone	266.7	20,208.0	52,655.2	1,872.8	22.5	274.7	261.0	262.0	1.0	0.1
Z18847	Read Zone	142.6	20,080.2	52,951.1	1,904.0	-20.3	244.5	138.0	138.8	0.9	0.1
Z18848	Read Zone	143.1	20,080.3	52,951.1	1,904.2	-26.5	244.9	141.3	142.3	1.0	1.9
Z18851	Darwin South	251.7	20,208.0	52,656.0	1,872.9	11.0	280.6	60.0	62.0	2.0	7.6
Z18851	Read Zone	251.7	20,208.0	52,656.0	1,872.9	11.0	280.6	234.6	236.0	1.4	45.7
Z18856	Newton Zone	98.3	19,805.3	53,751.5	1,720.4	13.6	264.9	55.1	56.0	0.9	1.8
Z18857	Newton Zone	98.1	19,805.3	53,751.6	1,720.4	9.5	275.6	64.2	65.0	0.9	3.4
Z18858	Darwin South	296.7	20,207.9	52,656.0	1,872.8	17.1	287.0	57.8	59.0	1.2	12.5
								79.0	81.8	2.8	8.1
Z18858	Read Zone	296.7	20,207.9	52,656.0	1,872.8	17.1	287.0	281.2	283.6	2.4	0.1
Z18859	Newton Zone	107.1	19,805.3	53,751.8	1,720.5	6.0	292.7	71.0	73.7	2.7	4.7
Z18860	Newton Zone	125.2	19,805.3	53,751.7	1,720.4	14.2	299.4	84.0	85.8	1.8	4.2
Z18861	Read Zone	145.0	20,080.3	52,951.2	1,904.3	-35.6	252.7	143.0	143.4	0.4	0.6
Z18873A	Darwin South	154.1	20,080.4	52,951.3	1,904.8	-44.0	250.7	80.0	82.0	2.0	0.1
Z18873A	Read Zone	154.1	20,080.4	52,951.3	1,904.8	-44.0	250.7	147.0	151.1	4.1	9.4

**JORC "Table 1" for Henty drilling  
Section 2 Reporting of Exploration Results**

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i>	The Henty deposit is located wholly within 7M/1991 and 5M/2002. These licences are 100% owned by Unity Mining.  Mineral Resources Tasmania receives 1.9% of Nett sales plus a profit component. Barrick receives \$10 per ounce gold for ore mined below 1700 m. Franco-Nevada receives 1% on all gold ounces produced plus 10% of gold ounces north of Newton including part thereof.
	<i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to</i>	The tenements are in good standing.

*operate in the area.*

*Exploration done by other parties*

*Acknowledgment and appraisal of exploration by other parties.*

Other companies to have held the project include Barrick Ltd, Placer Dome Asia Pacific, Aurion Gold, Goldfields Exploration Pty Ltd (Tasmania), Delta Gold N.L. and RGC (ex Mt. Lyell Mining and Railway Company).

*Geology*

*Deposit type, geological setting and style of mineralisation.*

### **Stratigraphy**

The Henty mine lease covers rocks of the Central Volcanic Sequences, the Henty Fault Sequences, and Tyndall Group rocks of the Mount Read Volcanics and the overlying Owen Conglomerate. Near the mine, the Henty Fault splays into the North and South Henty Faults, dividing the geology into segments to the east and west of the faults, and a package between the splays. Gold mineralisation is hosted in Tyndall Group rocks to the east of the Henty Fault.

The Henty Fault Sequences lie between the North and South Henty Faults and comprise carbonaceous black shales, mafic to ultramafic volcanics, and quartz phyrlic volcanoclastics. Rocks to the east of the Henty Fault comprise quartz phyrlic volcanics of the Tyndall Group and siliciclastics of the Newton Creek Sandstone of the Owen Conglomerate. Dacitic volcanoclastics and lavas that may be part of the Central Volcanic Sequences also occur east of the Henty Fault in the southern area of the lease.

In the mine area, the Lynchford Member comprises green to red, massive coarse grained crystal-rich feldspar phyrlic volcanoclastic sandstone with lesser siltstones and matrix supported lithic breccias and minor interbedded cherts and cream, pink, or purple carbonates. Original textures are still discernible despite subsequent hydrothermal alteration and deformation.

### **Structure**

The Henty orebodies are hosted east of the Henty Fault on the steeply west dipping overturned western limb of a shallowly south plunging asymmetric syncline trending into the Henty Fault. The orebodies plunge at 45° to the south between the Sill Zone and Zone 96, and shallow at depth towards Mt. Julia.

The structure of the Henty Gold Mine is dominated by the Henty Fault Zone which dips at 70/290.

The orebodies are disrupted by numerous north-south trending, steeply west dipping brittle-ductile faults with displacements of up to a few metres.

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## Alteration

Nearly all of the stratigraphic units of the Tyndall Group present at the Henty Gold Mine have undergone hydrothermal alteration. The most intense quartz-sericite-sulphide alteration and gold mineralisation has affected the Lynchford Member of the Comstock Formation, adjacent to the Henty Fault, and is referred to as "A-Zone" type alteration. A Zone alteration types include MA, MZ, MV, MQ, MP, and CB. The main mineralised zone comprises MQ, MV, and MZ.

From west to east, the alteration types are as follows:

*MZ (quartz-sericite-sulphide schist)*- is a black, fine grained, sheared and brecciated rock containing quartz, sericite, pyrite, local carbonate, and minor chlorite, feldspar, chalcopyrite, sphalerite, and galena. MZ is volumetrically the most abundant alteration type in the mineralised zone and is present stratigraphically above and below the MQ and MV alteration types.

*MV (quartz-sericite-carbonate-sulphide schist)*- is a yellow-green, fine grained, highly foliated rock containing quartz, sericite, pyrite, and local carbonate and minor chlorite, feldspar, chalcopyrite, sphalerite, and galena and rare purple fluorite. MV is the second most volumetrically abundant alteration type in the mineralised zone, followed by MQ and MP.

*MQ (massive quartz-sulphide-gold)* - is a grey, cream, or pink massive to recrystallised brecciated quartz rock with minor muscovite, sericite, pyrite, carbonate, and chalcopyrite, with lesser galena and sphalerite, and rare gold and bismuth metal.

*MP (massive pyrite-carbonate-quartz±gold)* - is a bronze-black massive pyritic rock containing 40 to 80% pyrite with interstitial carbonate and quartz.

*CB (massive carbonate)* - The CB alteration type forms the hangingwall of A Zone type alteration and occurs as white to pink laterally discontinuous lenses.

*AS (albite-silica alteration)* - occurs to the east of the A Zone alteration and overprints volcanoclastics. The alteration occurs as an irregular pervasive flood of massive white or orange fine grained silica and albite, completely destroying original textures of the

volcaniclastics.

### Mineralisation

Gold at the Henty Mine is present as both free gold and gold-rich electrum associated with chalcopyrite and galena in the main mineralised zone (MQ, MV, MZ).

#### Drill hole Information

*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*

- o *easting and northing of the drill hole collar*
- o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
- o *dip and azimuth of the hole*
- o *down hole length and interception depth*
- o *hole length.*

*If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*

No new exploration drill hole results are included in this report as the company has been in compliance with the 2004 JORC guidelines however future exploration results will be reported under the 2012 JORC guidelines.

#### Data aggregation methods

*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*

All intersection grades have been length weighted.

*Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*

Small high grade results within a broader mineralised zone have been reported as included intervals.

*The assumptions used for any reporting of metal equivalent values should be clearly stated.*

No metal equivalents have been used in estimations or reporting.

#### Relationship between

*These relationships are particularly*

The Henty deposit is predominantly west dipping that

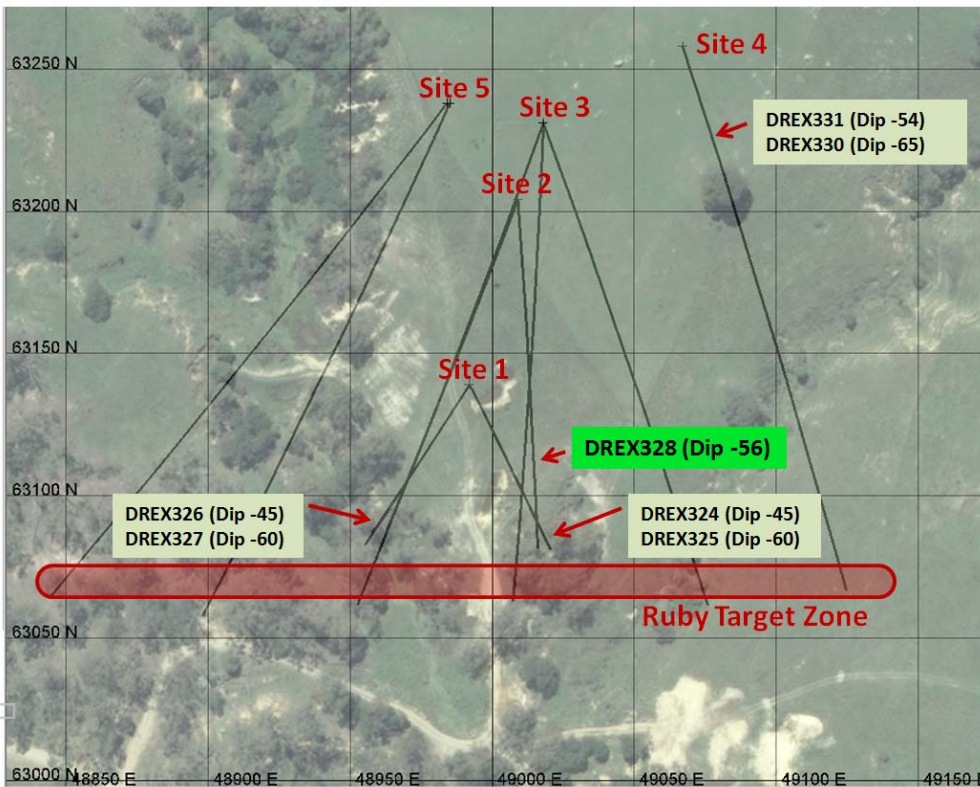
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Criteria	JORC Code explanation	Commentary
<i>mineralisation widths and intercept lengths</i>	<i>important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i>	plunges at a shallow angle to the south. Drill holes are predominantly drilled from the mining footwall of the mineralisation from underground development. Drill holes are drilled to intercept mineralisation perpendicularly where possible.
<i>Diagrams</i>	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	See Diagram.
<i>Balanced reporting</i>	<i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>	There have been no results to report since the last update.
<i>Other substantive exploration data</i>	<i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	An in-situ bulk density of 2.8 based on 102 samples collected from ROM pad and underground development was used in the estimation.
<i>Further work</i>	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	Ongoing drilling programs will test extensions of known mineralisation and within mineralised portions considered to be insufficiently drilled. A 200 m long exploration drilling platform is being excavated at the southern part of the mine which will enable drilling of both Read and Darwin South extensions.
	<i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	See diagram.

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**Location and gold grades for holes drilled at Dargues Gold Mine during the December quarter 2013 (FY 14).**

Hole ID	Lode	Total Depth	GDAE	GDAN	RL	Dip	Azi	From (m)	To (m)	Width (m down hole)	Gold g/t
DREX324	Ruby	98.5	748988.4	6063137.8	681.64	-45	153	37	37.5	0.5	1.74
DREX325	Ruby	150.6	748987.79	6063139	681.72	-62	151	109.4	110.0	0.6	1.25
								129.6	132.0	2.4	2.12
DREX326	Ruby	96.6	748990.07	6063142.5	682.22	-45	213	32	33.0	1	1.15
								67	68.0	1	1.23
DREX327	Carmine	169.9	748990.67	6063143.3	682.2	-60	213	54	56.8	2.8	4.72
								65.35	67.2	1.85	3.22
DREX328	Ruby	234.5	749014.7	6063203.7	686.21	-56	190	155.35	156.0	0.65	1.41
DREX330	Main Lode	633.4	749071.28	6063255.7	695.25	-55	180	568.05	568.7	0.65	1.71
								571.1	571.7	0.6	1.37
								574.5	576.0	1.5	2.77
								577.9	578.4	0.5	1.21
								583	596.0	13	7.42
								597.8	598.8	1	1.38
DREX331	Main Lode	471.4	749071.55	6063254.7	695.21	-54	162	443.35	444.0	0.65	5.1
								446	446.5	0.5	2.82
								451.2	453.0	1.8	3.04



Above: Plan showing the location of the Dargues drilling reported in the December 2013 Quarter (FY14)

# JORC "Table 1" for Dargues Gold Mine drilling

## Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i>	Diamond drill core was used to sample zones of mineralised or altered lithologies. RC samples were taken at the top of some holes.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	Recent drillhole collars have been accurately surveyed in MGA94 grid by licensed surveyors, Bradley Surveying and Design Pty Ltd. Where possible historical collars were also located and surveyed by Bradley, although numerous drillholes had been rehabilitated and therefore could not be surveyed. Previously DGPS surveyed coordinates transformed into MGA94 grid were used for these holes.  The majority of recent drillholes have been downhole surveyed using Eastman camera.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report.  In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</i>	Diamond drillholes were sampled to the geological intervals and were between 0.5 m and 1 m in length.  RC samples were collected as 1 m or 2 m composite spear samples. Mineralised zones were sampled at 1 m intervals from a rig mounted riffle splitter. Core samples were taken at 1 m intervals or at geological boundaries.  The majority of sample preparation and analysis for UNITY has been by ALS Chemex's laboratory in Orange, NSW, with three batches of samples going through the SGS laboratory in West Wyalong, NSW. MOL samples were assayed by ALS Chemex's lab in Orange. Umpire assays have been analysed by Genalysis, Perth.  All samples were assayed using the Fire Assay technique with a 50g charge (Au-AA26) and AAS finish. The remaining elements including Ag, As, Bi, Cu, Mo, Pb, S and Zn were assayed using the aqua regia ICP-AES technique.
<b>Drilling techniques</b>	<i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	Majority of drilling is RC using a 4 <sup>7/8</sup> inch face-sampling bit.  Diamond drilling by UNITY used HQ core from surface to fresh rock and then oriented NQ2 core to end of hole. Historic core drilling used either NQ or BQ core (DDH1-9), BQ core (DRU1-10) or HQ from surface to fresh rock with NQ to end of hole (DRS1-8).
<b>Drill sample recovery</b>	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	Actual recoveries from the RC and DD drilling were not measured, however a visual review of the recovery for RC drilling was conducted during the site visit. No problems were identified.
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	All core was routinely checked by the logging geologist using core blocks and rod counts to determine the depth. There were no major issues.
	<i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	Information from the diamond drilling does not suggest that there is a correlation between recoveries and grade. Diamond drill core from this deposit generally has a high recovery.

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Criteria	JORC Code explanation	Commentary
<b>Logging</b>	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	All holes were logged for a combination of geological and geotechnical attributes.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	All holes were field logged by UNITY geologists. Lithology, mineralisation, texture, veining, weathering and alteration information were recorded.
	<i>The total length and percentage of the relevant intersections logged.</i>	The total length of all holes were logged in detail.
<b>Sub-sampling techniques and sample preparation</b>	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	Diamond drill core was ½ split using a core saw and generally sampled at 0.5 to 1 m intervals within defined geological (mineralised) boundaries.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	RC – 1m samples collected in a plastic bag through a properly designed cyclone. A 1 m or 2 m length composite sample was collected by using a trowel or ridged plastic spear, and submitted for analysis. Upon receipt of assay results the original composite sample was re-split and submitted for repeat analysis.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	All sampling procedures for the recent drilling were the same as those reviewed by Runge by and are considered to be of a high standard.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	Quality control standards, blanks and duplicates are routinely included with the drilling samples by the Unity Exploration Team. The QAQC protocols implemented for the Unitydrilling programs included: <ul style="list-style-type: none"> <li>• Insertion of a reference sample (commercial batch standards) for every 25 samples;</li> <li>• Insertion of a blank at the start of every hole submitted, as well as at the end of strongly mineralised intervals as determined by the controlling geologist;</li> </ul>
<i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i>	No duplicates were submitted for th Programme because only 7 holes were drilled and these were of an exploratory nature. Assay results were checked against the logs and remaining core in the trays.	
<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	Runge considers that the overall QAQC results for the Dargues Reef resource are acceptable and confirm the validity of the assay data for use in the resource estimate. Thesame protocols have been followed for this drilling.	
<b>Quality of assay data and laboratory tests</b>	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	Analysis for Au was completed using Fire Assay (Au-AA26) with AAS finish. Analysis for Ag, As, Bi, Cu, Mo, Pb, S, and Zn was completed using the aqua regia technique (ICP-AES).  All of the standards submitted by Unity report within the required grade range.
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i>	Geophysical tools were not used to determine gold (or other element) grades.
	<i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i>	Samples were crushed and pulverised using standard methods to a nominal 85% passing -75 microns.  All of the standards submitted by Unity as well as those submitted by ALS report within the required

Criteria	JORC Code explanation	Commentary
		grade range
<b>Verification of sampling and assaying</b>	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	The intersections have been reviewed by senior members of Unity Mining. No anomalies were discovered.
	<i>The use of twinned holes.</i>	Twinning of holes was not considered necessary for this limited programme of 7 holes.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	Primary data was collected either as paper logs or as generic logging programme. This data was then imported into the database and validated by a geologist.
	<i>Discuss any adjustment to assay data.</i>	There were no adjustments to the assay data.
<b>Location of data points</b>	<i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i>	All drillholes used in the resource estimate have been accurately surveyed using either DGPS or qualified surveyors. Downhole surveys have been conducted at regular intervals using industry standard equipment.
	<i>Specification of the grid system used.</i>	GDA94 co-ordinates were used.
	<i>Quality and adequacy of topographic control.</i>	The topography was generated using LIDAR data.
<b>Data spacing and distribution</b>	<i>Data spacing for reporting of Exploration Results.</i>	The drill holes reported are between 20 and 80 metres from the nearest intersection.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i>	These drill holes have not been used to establish or alter a resource.
	<i>Whether sample compositing has been applied.</i>	No sample compositing has been used in the reporting of these results.
<b>Orientation of data in relation to geological structure</b>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	The orientation of the drilling is approximately perpendicular to the strike and dip of the mineralisation and therefore should not be biased.
	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	There are no known biases caused by the orientation of the drill holes.
<b>Sample security</b>	<i>The measures taken to ensure sample security.</i>	Drill core was kept on site and sampling and dispatch of samples were conducted as per on-site procedures. Transport was either by Cortona employee's or by a registered transport company.
<b>Audits or reviews</b>	<i>The results of any audits or reviews of sampling techniques</i>	There have been no audits of this 7 hole programme. The results have been reviewed by the NSW Regional Exploration Manager who has considerable experience of the deposit.

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships,</i>	The Dargues reef deposit is located wholly within ML1675 which lies entirely within EL6003. These licences are 100% owned by Unity Mining.

Criteria	JORC Code explanation	Commentary
	<p><i>overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></p>	
	<p><i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></p>	<p>The tenements are in good standing.</p>
<p><b>Exploration done by other parties</b></p>	<p><i>Acknowledgment and appraisal of exploration by other parties.</i></p>	<p>Other companies to have held the project include Moly Mines Limited (MOL), Hibernia Gold Pty Ltd, Horizon Pacific Limited, Amdex Mining Limited, Ominco Mining NL, Otter Exploration NL, Esso Exploration and Production Australia Inc. and Broken Hill South Limited.</p>
<p><b>Geology</b></p>	<p><i>Deposit type, geological setting and style of mineralisation.</i></p>	<p>The Braidwood Granodiorite intrudes the Silurian Long Flat Volcanics to the west and Ordovician sediments to the east. Cutting the Braidwood Granodiorite are numerous major structures trending ESE and SE which are clearly visible on regional aeromagnetic images of the area. These linear structures are represented by much of the drainage. The placer alluvial Au mineralisation occurs in the sediments deposited in these drainage systems.</p> <p>The known primary Au mineralisation in the bedrock occurs in mostly E, NE and ESE trending sub-vertical quartz reefs within the roof of the granodiorite pluton (Gordon, Feb 2006).</p> <p>The unaltered granodiorite is a light coloured, equigranular granodiorite containing plagioclase, kfeldspar, quartz, hornblende, minor chlorite-altered biotite and accessory magnetite, apatite, sphene, zircon and trace pyrite.</p> <p>Mineralisation at Dargues Reef occurs as a number of discrete, fracture-controlled sulphide lodes situated within intense zones of phyllic alteration (silica-chlorite and lesser epidote and sericite). The lodes are steeply dipping (80-90@) and have a variable strike from E-W to ENE-WSW. The main zones of mineralisation (commonly referred to as the Big Blow and Main Lode) occur on the northern side of a parallel diorite dyke with some minor mineralisation sporadically developed on the southern margin. The mineralisation and dyke appear to be disrupted by an interpreted fault (or sets of faults), one of which is situated in the position of a N-S trending water course (Spring Creek).</p> <p>The sulphide lodes are generally 0.5 m to 10 m wide (true width) and up to 200 m long, and display a distinctive zonal alteration assemblage. The lodes are generally comprised of kfelspar-albite-pyrite+/- chlorite-sericite-silica-carbonate with the alteration assemblage extending up to 60 m from the lodes. The main sulphide mineral is pyrite, although chalcopyrite, sphalerite and other sulphides are also present. Gold values are directly linked to pyrite content (ranging from 5% to 30%). The gold grains occur as small inclusions of native gold in pyrite or along the pyrite grain boundaries. Rare occurrences of visible gold in association with minor quartz veining have been observed at depth with grades of up to 538g/t over a 0.85m width.</p>
<p><b>Drill hole Information</b></p>	<p><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i></p> <ul style="list-style-type: none"> <li>o <i>easting and northing of the drill hole</i></li> </ul>	<p>See in the table in this appendix.</p>

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Criteria	JORC Code explanation	Commentary
	<p>collar</p> <ul style="list-style-type: none"> <li>o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>o dip and azimuth of the hole</li> <li>o down hole length and interception depth</li> <li>o hole length.</li> </ul> <p>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</p>	
<b>Data aggregation methods</b>	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i>	All intersection grades have been length weighted.
	<i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i>	<p>Small high grade results within a broader mineralised zone have been reported as included intervals.</p> <p>A cut off of 1g/t Au was used in reporting assays. Adjacent assays were aggregated where they all exceeded 1 g/t Au. Outlying samples exceeding 1 g/t Au were included in the aggregate where they could carry the intervening waste at greater than 1 g/t Au.</p>
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	Metal equivalent values have not been used for reporting exploration results.
<b>Relationship between mineralisation widths and intercept lengths</b>	<p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></p> <p><i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i></p>	All intercepts reported here are down hole widths. Further interpretation and drilling is required to accurately determine true widths in the areas drilled.
<b>Diagrams</b>	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	See Diagrams in this appendix and in the text.
<b>Balanced reporting</b>	<i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>	Assay results from all the drill holes, where they intersect altered or mineralised rock have been reported. The location of holes has been shown and no holes have been omitted.
<b>Other substantive exploration data</b>	<i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical</i>	Bulk densities used were the same as those used for the Dargues Resource estimate: 2.55 t/m <sup>3</sup> for transitional material, 2.70 t/m <sup>3</sup> from fresh waste, 2.77 t/m <sup>3</sup> for fresh ore and 2.75 t/m <sup>3</sup> for mineralised diorite.

Criteria	JORC Code explanation	Commentary
	<i>and rock characteristics; potential deleterious or contaminating substances.</i>	
<b>Further work</b>	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	Further drilling will test for depth extensions to the Dargues mineralisation.
	<i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	See long section in the main text.

Location and gold assays of all samples in the Doubloon area. Those in bold type were taken during the December 2013 quarter (FY14).

SAMPLE NUMBER	TYPE	Tenement	MGA_East	MGA_North	Au (g/t)
<b>MCSS005735</b>	Soil	EL6003	749913	6063224	0.002
<b>MCSS005736</b>	Soil	EL6003	749913	6063264	1.66
<b>MCSS005737</b>	Soil	EL6003	749913	6063304	-0.002
<b>MCSS005738</b>	Soil	EL6003	749913	6063344	-0.002
<b>MCSS005739</b>	Soil	EL6003	749913	6063384	0.005
<b>MCSS005740</b>	Soil	EL6003	749913	6063424	0.02
<b>MCSS005741</b>	Soil	EL6003	749913	6063464	0.02
<b>MCSS005742</b>	Soil	EL6003	749913	6063504	0.01
<b>MCSS005743</b>	Soil	EL6003	749913	6063544	0.003
<b>MCSS005744</b>	Soil	EL6003	749913	6063584	0.003
<b>MCSS005745</b>	Soil	EL6003	749913	6063624	0.03
<b>MCSS005746</b>	Soil	EL6003	749913	6063664	0.02
<b>MCSS005747</b>	Soil	EL6003	749913	6063704	0.006
<b>MCSS005748</b>	Soil	EL6003	749913	6063744	0.005
<b>MCSS005749</b>	Soil	EL6003	749963	6063164	-0.002
<b>MCSS005750</b>	Soil	EL6003	749963	6063184	0.008
<b>MCSS005751</b>	Soil	EL6003	749963	6063204	-0.002
<b>MCSS005752</b>	Soil	EL6003	749963	6063224	0.003
<b>MCSS005753</b>	Soil	EL6003	749963	6063244	0.004
<b>MCSS005754</b>	Soil	EL6003	749963	6063264	0.002
<b>MCSS005755</b>	Soil	EL6003	749963	6063284	-0.002
<b>MCSS005756</b>	Soil	EL6003	749963	6063304	-0.002
<b>MCSS005757</b>	Soil	EL6003	749963	6063324	0.01
<b>MCSS005758</b>	Soil	EL6003	749963	6063344	0.002
<b>MCSS005759</b>	Soil	EL6003	749963	6063364	-0.002
<b>MCSS005760</b>	Soil	EL6003	749963	6063384	0.01
<b>MCSS005761</b>	Soil	EL6003	749963	6063404	0.003

MCSS005762	Soil	EL6003	749963	6063424	0.003
MCSS005763	Soil	EL6003	749963	6063444	0.005
MCSS005764	Soil	EL6003	749963	6063464	0.01
MCSS005765	Soil	EL6003	749963	6063484	0.004
MCSS005766	Soil	EL6003	749963	6063504	0.002
MCSS005767	Soil	EL6003	749963	6063524	0.004
MCSS005768	Soil	EL6003	749963	6063544	0.02
MCSS005769	Soil	EL6003	749963	6063564	0.004
MCSS005770	Soil	EL6003	749963	6063584	0.02
MCSS005771	Soil	EL6003	749963	6063604	0.01
MCSS005772	Soil	EL6003	749963	6063624	0.006
MCSS005773	Soil	EL6003	749963	6063644	0.007
MCSS005774	Soil	EL6003	749963	6063664	0.01
MCSS005775	Soil	EL6003	749963	6063684	0.01
MCSS005776	Soil	EL6003	749963	6063704	0.02
MCSS005777	Soil	EL6003	749963	6063724	0.01
MCSS005778	Soil	EL6003	750013	6063164	0.002
MCSS005779	Soil	EL6003	750013	6063204	0.002
MCSS005780	Soil	EL6003	750013	6063244	0.07
MCSS005781	Soil	EL6003	750013	6063284	-0.002
MCSS005782	Soil	EL6003	750013	6063324	0.006
MCSS005783	Soil	EL6003	750013	6063364	0.01
MCSS005784	Soil	EL6003	750013	6063404	0.02
MCSS005785	Soil	EL6003	750013	6063444	-0.002
MCSS005786	Soil	EL6003	750013	6063484	0.003
MCSS005787	Soil	EL6003	750013	6063524	0.03
MCSS005788	Soil	EL6003	750013	6063564	0.01
MCSS005789	Soil	EL6003	750013	6063604	0.005
MCSS005790	Soil	EL6003	750013	6063644	0.02
MCSS005791	Soil	EL6003	750013	6063684	0.09
MCSS005792	Soil	EL6003	750013	6063724	0.003
MCSS005793	Soil	EL6003	750063	6063184	-0.002
MCSS005794	Soil	EL6003	750063	6063204	0.002
MCSS005795	Soil	EL6003	750063	6063224	0.004
MCSS005796	Soil	EL6003	750063	6063244	0.01
MCSS005797	Soil	EL6003	750063	6063264	0.006
MCSS005798	Soil	EL6003	750063	6063284	0.002
MCSS005799	Soil	EL6003	750063	6063304	0.006
MCSS005800	Soil	EL6003	750063	6063324	-0.002
MCSS005801	Soil	EL6003	750063	6063344	0.002
MCSS005802	Soil	EL6003	750063	6063364	0.009
MCSS005803	Soil	EL6003	750063	6063384	-0.002
MCSS005804	Soil	EL6003	750063	6063404	0.01
MCSS005805	Soil	EL6003	750063	6063424	0.002
MCSS005806	Soil	EL6003	750063	6063444	0.002
MCSS005807	Soil	EL6003	750063	6063464	0.01

MCSS005808	Soil	EL6003	750063	6063484	0.04
MCSS005809	Soil	EL6003	750063	6063504	0.01
MCSS005810	Soil	EL6003	750063	6063524	0.01
MCSS005811	Soil	EL6003	750063	6063544	0.02
MCSS005812	Soil	EL6003	750063	6063564	0.008
MCSS005813	Soil	EL6003	750063	6063584	0.006
MCSS005814	Soil	EL6003	750063	6063604	0.01
MCSS005815	Soil	EL6003	750063	6063624	0.02
MCSS005816	Soil	EL6003	750063	6063644	0.02
MCSS005817	Soil	EL6003	750063	6063664	0.01
MCSS005818	Soil	EL6003	750063	6063684	0.02
MCSS005819	Soil	EL6003	750063	6063704	0.006
MCSS005820	Soil	EL6003	750113	6063404	0.004
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MCSS005823	Soil	EL6003	750113	6063524	0.01
MCSS005824	Soil	EL6003	750113	6063564	0.01
MCSS005825	Soil	EL6003	750113	6063604	0.01
MCSS005826	Soil	EL6003	750113	6063644	0.03
MCSS005827	Soil	EL6003	750113	6063684	0.003
MCSS005828	Soil	EL6003	750163	6063684	0.01
MCSS005829	Soil	EL6003	750511	6062610	0.01
MCSS005830	Soil	EL6003	750511	6062630	0.005
MCSS005831	Soil	EL6003	750511	6062650	0.01
MCSS005832	Soil	EL6003	750511	6062670	0.01
MCSS005833	Soil	EL6003	750511	6062690	0.18
MCSS005834	Soil	EL6003	750561	6062610	0.01
MCSS005835	Soil	EL6003	750561	6062630	0.009
MCSS005836	Soil	EL6003	750561	6062650	0.01
MCSS005837	Soil	EL6003	750561	6062670	0.12
MCSS005838	Soil	EL6003	750561	6062690	0.05
MCSS005839	Soil	EL6003	750561	6062710	0.02
MCSS005840	Soil	EL6003	750561	6062730	0.01
MCSS005841	Soil	EL6003	750561	6062750	0.01
MCSS005842	Soil	EL6003	750561	6062770	0.03
MCSS005843	Soil	EL6003	750561	6062790	0.01
MCSS005844	Soil	EL6003	750611	6062630	0.01
MCSS005845	Soil	EL6003	750611	6062670	0.006
MCSS005846	Soil	EL6003	750611	6062710	0.01
MCSS005847	Soil	EL6003	750611	6062750	0.05
MCSS005848	Soil	EL6003	750611	6062790	0.01
MCSS005849	Soil	EL6003	750611	6062830	0.002
MCSS005850	Soil	EL6003	750611	6062870	0.004
MCSS005851	Soil	EL6003	750611	6062910	0.01
MCSS005852	Soil	EL6003	750611	6062950	-0.002
MCSS005853	Soil	EL6003	750661	6062610	0.1

MCSS005854	Soil	EL6003	750661	6062630	0.003
MCSS005855	Soil	EL6003	750661	6062650	0.01
MCSS005856	Soil	EL6003	750661	6062670	0.002
MCSS005857	Soil	EL6003	750661	6062690	0.01
MCSS005858	Soil	EL6003	750661	6062710	0.008
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MCSS005861	Soil	EL6003	750661	6062770	0.005
MCSS005862	Soil	EL6003	750661	6062790	0.01
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MCSS005868	Soil	EL6003	750661	6062910	0.005
MCSS005869	Soil	EL6003	750661	6062930	0.008
MCSS005870	Soil	EL6003	750661	6062950	0.01
MCSS005871	Soil	EL6003	750661	6062970	0.01
MCSS005872	Soil	EL6003	750661	6062990	0.009
MCSS005873	Soil	EL6003	750661	6063010	0.01
MCSS005874	Soil	EL6003	750661	6063030	0.01
MCSS005875	Soil	EL6003	750661	6063050	0.02
MCSS005876	Soil	EL6003	750711	6062610	0.01
MCSS005877	Soil	EL6003	750711	6062650	0.05
MCSS005878	Soil	EL6003	750711	6062690	0.01
MCSS005879	Soil	EL6003	750711	6062730	0.01
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MCSS005882	Soil	EL6003	750711	6062850	0.002
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MCSS005885	Soil	EL6003	750711	6062970	0.02
MCSS005886	Soil	EL6003	750711	6063010	0.02
MCSS005887	Soil	EL6003	750711	6063050	0.01
MCSS005888	Soil	EL6003	750711	6063090	0.02
MCSS005889	Soil	EL6003	750761	6062630	0.03
MCSS005890	Soil	EL6003	750761	6062670	0.07
MCSS005891	Soil	EL6003	750761	6062710	0.02
MCSS005892	Soil	EL6003	750761	6062750	0.08
MCSS005893	Soil	EL6003	750761	6062790	0.01
MCSS005894	Soil	EL6003	750761	6062830	0.007
MCSS005895	Soil	EL6003	750761	6062870	0.01
MCSS005896	Soil	EL6003	750761	6062910	0.01
MCSS005897	Soil	EL6003	750761	6062950	0.04
MCSS005898	Soil	EL6003	750761	6062990	0.03
MCSS005899	Soil	EL6003	750761	6063030	0.07

MCSS005900	Soil	EL6003	750761	6063070	0.02
MCSS005901	Soil	EL6003	750761	6063110	0.02
MCSS005902	Soil	EL6003	750761	6063150	0.01
MCSS005903	Soil	EL6003	750811	6062630	0.01
MCSS005904	Soil	EL6003	750811	6062670	0.02
MCSS005905	Soil	EL6003	750811	6062710	0.008
MCSS005906	Soil	EL6003	750811	6062750	0.05
MCSS005908	Soil	EL6003	750811	6062830	0.01
MCSS005909	Soil	EL6003	750811	6062870	0.01
MCSS005910	Soil	EL6003	750811	6062910	0.01
MCSS005911	Soil	EL6003	750811	6062950	0.06
MCSS005912	Soil	EL6003	750811	6062990	0.04
MCSS005913	Soil	EL6003	750811	6063030	0.02
MCSS005914	Soil	EL6003	750811	6063070	0.01
MCSS005915	Soil	EL6003	750811	6063110	0.01
MCSS005916	Soil	EL6003	750811	6063150	0.05
MCSS005917	Soil	EL6003	750811	6063190	0.31
MCSS005918	Soil	EL6003	750861	6062610	0.03
MCSS005919	Soil	EL6003	750861	6062630	0.01
MCSS005920	Soil	EL6003	750861	6062650	0.02
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MCSS005922	Soil	EL6003	750861	6062690	0.01
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MCSS005925	Soil	EL6003	750861	6062750	0.01
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MCSS005934	Soil	EL6003	750861	6062930	0.03
MCSS005935	Soil	EL6003	750861	6062950	0.02
MCSS005936	Soil	EL6003	750861	6062970	0.01
MCSS005937	Soil	EL6003	750861	6062990	0.009
MCSS005938	Soil	EL6003	750861	6063010	0.09
MCSS005939	Soil	EL6003	750861	6063030	0.01
MCSS005940	Soil	EL6003	750861	6063050	0.01
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MCSS005942	Soil	EL6003	750861	6063090	0.01
MCSS005943	Soil	EL6003	750861	6063110	0.01
MCSS005944	Soil	EL6003	750861	6063130	0.006
MCSS005945	Soil	EL6003	750861	6063150	0.02
MCSS005946	Soil	EL6003	750861	6063170	0.05

MCSS005947	Soil	EL6003	750861	6063190	0.03
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MCSS005966	Soil	EL6003	750911	6062930	0.009
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MCSS005968	Soil	EL6003	750911	6062970	0.01
MCSS005969	Soil	EL6003	750911	6062990	0.01
MCSS005970	Soil	EL6003	750911	6063010	0.02
MCSS005971	Soil	EL6003	750911	6063030	0.03
MCSS005972	Soil	EL6003	750911	6063050	0.02
MCSS005973	Soil	EL6003	750911	6063070	0.03
MCSS005974	Soil	EL6003	750911	6063090	0.03
MCSS005975	Soil	EL6003	750911	6063110	0.005
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MCSS005980	Soil	EL6003	750911	6063210	0.007
MCSS005981	Soil	EL6003	750961	6062610	0.006
MCSS005982	Soil	EL6003	750961	6062630	0.01
MCSS005983	Soil	EL6003	750961	6062650	0.008
MCSS005984	Soil	EL6003	750961	6062670	0.01
MCSS005985	Soil	EL6003	750961	6062690	0.01
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MCSS005987	Soil	EL6003	750961	6062730	0.007
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MCSS005989	Soil	EL6003	750961	6062770	0.005
MCSS005990	Soil	EL6003	750961	6062790	0.007
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MCSS006000	Soil	EL6003	750961	6062990	0.01
MCSS006001	Soil	EL6003	750961	6063010	0.01
MCSS006002	Soil	EL6003	750961	6063030	0.01
MCSS006003	Soil	EL6003	750961	6063050	0.01
MCSS006004	Soil	EL6003	750961	6063070	0.006
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MCSS006007	Soil	EL6003	750961	6063130	0.005
MCSS006008	Soil	EL6003	750961	6063150	0.003
MCSS006009	Soil	EL6003	750961	6063170	0.007
MCSS006010	Soil	EL6003	750961	6063190	0.07
MCSS006011	Soil	EL6003	751011	6062610	-0.002
MCSS006012	Soil	EL6003	751011	6062630	0.009
MCSS006013	Soil	EL6003	751011	6062650	0.005
MCSS006014	Soil	EL6003	751011	6062670	0.004
MCSS006015	Soil	EL6003	751011	6062690	0.01
MCSS006016	Soil	EL6003	751011	6062710	0.01
MCSS006017	Soil	EL6003	751011	6062730	0.007
MCSS006018	Soil	EL6003	751011	6062750	-0.002
MCSS006019	Soil	EL6003	751011	6062770	0.002
MCSS006020	Soil	EL6003	751011	6062790	0.004
MCSS006021	Soil	EL6003	751011	6062810	-0.002
MCSS006022	Soil	EL6003	751011	6062830	0.002
MCSS006023	Soil	EL6003	751011	6062850	0.002
MCSS006024	Soil	EL6003	751011	6062870	0.007
MCSS006025	Soil	EL6003	751011	6062890	0.003
MCSS006026	Soil	EL6003	751011	6062910	0.002
MCSS006027	Soil	EL6003	751011	6062930	0.02
MCSS006028	Soil	EL6003	751011	6062950	0.01
MCSS006029	Soil	EL6003	751011	6062970	0.009
MCSS006030	Soil	EL6003	751011	6062990	0.01
MCSS006031	Soil	EL6003	751011	6063010	0.01
MCSS006032	Soil	EL6003	751011	6063030	0.01
MCSS006033	Soil	EL6003	751011	6063050	0.009
MCSS006034	Soil	EL6003	751011	6063070	0.008
MCSS006035	Soil	EL6003	751011	6063090	0.005
MCSS006036	Soil	EL6003	751011	6063110	-0.002
MCSS006037	Soil	EL6003	751011	6063130	0.003
MCSS006038	Soil	EL6003	751011	6063150	-0.002



MCSS006039	Soil	EL6003	751011	6063170	0.003
MCSS006040	Soil	EL6003	751061	6062610	0.006
MCSS006041	Soil	EL6003	751061	6062630	0.002
MCSS006042	Soil	EL6003	751061	6062650	0.02
MCSS006043	Soil	EL6003	751061	6062670	0.004
MCSS006044	Soil	EL6003	751061	6062690	0.03
MCSS006045	Soil	EL6003	751061	6062710	0.01
MCSS006046	Soil	EL6003	751061	6062730	0.05
MCSS006047	Soil	EL6003	751061	6062750	0.002
MCSS006048	Soil	EL6003	751061	6062770	-0.002
MCSS006049	Soil	EL6003	751061	6062790	-0.002
MCSS006050	Soil	EL6003	751061	6062810	0.008
MCSS006051	Soil	EL6003	751061	6062830	-0.002
MCSS006052	Soil	EL6003	751061	6062850	-0.002
MCSS006053	Soil	EL6003	751061	6062870	0.002
MCSS006054	Soil	EL6003	751061	6062890	0.01
MCSS006055	Soil	EL6003	751061	6062910	0.002
MCSS006056	Soil	EL6003	751061	6062930	0.006
MCSS006057	Soil	EL6003	751061	6062950	0.01
MCSS006058	Soil	EL6003	751061	6062970	0.01
MCSS006059	Soil	EL6003	751061	6062990	0.007
MCSS006060	Soil	EL6003	751061	6063010	0.006
MCSS006061	Soil	EL6003	751061	6063030	0.01
MCSS006062	Soil	EL6003	751061	6063050	0.006
MCSS006063	Soil	EL6003	751061	6063070	0.02
MCSS006064	Soil	EL6003	751061	6063090	0.005
MCSS006065	Soil	EL6003	751061	6063110	0.01
MCSS006066	Soil	EL6003	751061	6063130	0.005
MCSS006067	Soil	EL6003	751061	6063150	0.008
MCSS006068	Soil	EL6003	751111	6062610	0.003
MCSS006069	Soil	EL6003	751111	6062630	0.008
MCSS006070	Soil	EL6003	751111	6062650	0.008
MCSS006071	Soil	EL6003	751111	6062670	-0.002
MCSS006072	Soil	EL6003	751111	6062690	-0.002
MCSS006073	Soil	EL6003	751111	6062710	0.01
MCSS006074	Soil	EL6003	751111	6062730	0.005
MCSS006075	Soil	EL6003	751111	6062750	0.01
MCSS006076	Soil	EL6003	751111	6062770	0.006
MCSS006077	Soil	EL6003	751111	6062790	0.008
MCSS006078	Soil	EL6003	751111	6062810	0.005
MCSS006079	Soil	EL6003	751111	6062830	0.003
MCSS006080	Soil	EL6003	751111	6062850	0.004
MCSS006081	Soil	EL6003	751111	6062870	0.005
MCSS006082	Soil	EL6003	751111	6062890	0.003
MCSS006083	Soil	EL6003	751111	6062910	0.003
MCSS006084	Soil	EL6003	751111	6062930	0.008

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MCSS006085	Soil	EL6003	751111	6062950	0.01
MCSS006086	Soil	EL6003	751111	6062970	0.004
MCSS006087	Soil	EL6003	751111	6062990	0.005
MCSS006088	Soil	EL6003	751111	6063010	0.009
MCSS006089	Soil	EL6003	751111	6063030	0.009
MCSS006090	Soil	EL6003	751111	6063050	0.007
MCSS006091	Soil	EL6003	751111	6063070	0.004
MCSS006092	Soil	EL6003	751111	6063090	0.005
MCSS006093	Soil	EL6003	751111	6063110	0.01
MCSS006094	Soil	EL6003	751111	6063130	0.02
MCSS007255	Soil	EL6003	751250	6063000	0.02
MCSS007256	Soil	EL6003	751250	6063050	0.009
MCSS007257	Soil	EL6003	751250	6063100	0.005
MCSS007258	Soil	EL6003	751250	6063150	0.02
MCSS007259	Soil	EL6003	751250	6063200	0.02
MCSS007260	Soil	EL6003	751250	6063250	0.04
MCSS007261	Soil	EL6003	751250	6063300	0.02
MCSS007262	Soil	EL6003	751250	6063350	0.02
MCSS007263	Soil	EL6003	751250	6063400	0.01
MCSS007264	Soil	EL6003	751250	6063450	1.2
MCSS007265	Soil	EL6003	751250	6063500	0.03
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MCSS007267	Soil	EL6003	751250	6063600	0.005
MCSS007268	Soil	EL6003	751250	6063650	0.003
MCSS007269	Soil	EL6003	751250	6063700	0.001
MCSS007270	Soil	EL6003	751250	6063750	0.001
MCSS007271	Soil	EL6003	751250	6063800	0.004
MCSS007272	Soil	EL6003	751300	6063000	0.03
MCSS007273	Soil	EL6003	751300	6063050	0.007
MCSS007274	Soil	EL6003	751300	6063100	0.01
MCSS007275	Soil	EL6003	751300	6063150	0.01
MCSS007276	Soil	EL6003	751300	6063200	-0.001
MCSS007277	Soil	EL6003	751300	6063250	0.01
MCSS007278	Soil	EL6003	751300	6063300	0.02
MCSS007279	Soil	EL6003	751300	6063350	0.03
MCSS007280	Soil	EL6003	751300	6063400	0.02
MCSS007281	Soil	EL6003	751300	6063450	0.01
MCSS007282	Soil	EL6003	751300	6063500	0.01
MCSS007283	Soil	EL6003	751300	6063550	-0.001
MCSS007284	Soil	EL6003	751300	6063600	0.008
MCSS007285	Soil	EL6003	751300	6063650	0.002
MCSS007286	Soil	EL6003	751300	6063700	-0.001
MCSS007287	Soil	EL6003	751300	6063750	0.003
MCSS007288	Soil	EL6003	751300	6063800	0.007
MCSS007290	Soil	EL6003	751350	6063000	0.01
MCSS007291	Soil	EL6003	751350	6063050	0.01

MCSS007292	Soil	EL6003	751350	6063100	0.16
MCSS007293	Soil	EL6003	751350	6063150	0.007
MCSS007294	Soil	EL6003	751350	6063200	0.03
MCSS007295	Soil	EL6003	751350	6063250	0.005
MCSS007296	Soil	EL6003	751350	6063300	0.03
MCSS007297	Soil	EL6003	751350	6063350	0.02
MCSS007298	Soil	EL6003	751350	6063400	0.03
MCSS007299	Soil	EL6003	751350	6063450	0.02
MCSS007300	Soil	EL6003	751350	6063500	0.01
MCSS007301	Soil	EL6003	751350	6063550	0.01
MCSS007302	Soil	EL6003	751350	6063600	0.008
MCSS007303	Soil	EL6003	751350	6063650	0.002
MCSS007304	Soil	EL6003	751350	6063700	0.01
MCSS007305	Soil	EL6003	751350	6063750	0.009
MCSS007306	Soil	EL6003	751350	6063800	0.007
MCSS007307	Soil	EL6003	751400	6063000	0.01
MCSS007308	Soil	EL6003	751400	6063050	0.01
MCSS007309	Soil	EL6003	751400	6063100	0.01
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MCSS007315	Soil	EL6003	751400	6063400	0.02
MCSS007316	Soil	EL6003	751400	6063450	0.04
MCSS007317	Soil	EL6003	751400	6063500	0.02
MCSS007318	Soil	EL6003	751400	6063550	-0.001
MCSS007319	Soil	EL6003	751400	6063600	0.008
MCSS007320	Soil	EL6003	751400	6063650	-0.001
MCSS007321	Soil	EL6003	751400	6063700	0.03
MCSS007322	Soil	EL6003	751400	6063750	0.01
MCSS007323	Soil	EL6003	751400	6063800	0.01
MCSS007324	Soil	EL6003	751450	6063000	0.02
MCSS007325	Soil	EL6003	751450	6063050	0.01
MCSS007326	Soil	EL6003	751450	6063100	0.02
MCSS007327	Soil	EL6003	751450	6063150	0.009
MCSS007328	Soil	EL6003	751450	6063200	0.01
MCSS007329	Soil	EL6003	751450	6063250	0.01
MCSS007330	Soil	EL6003	751450	6063300	5.36
MCSS007331	Soil	EL6003	751450	6063350	0.05
MCSS007332	Soil	EL6003	751450	6063400	0.03
MCSS007333	Soil	EL6003	751450	6063450	0.02
MCSS007334	Soil	EL6003	751450	6063500	0.01
MCSS007335	Soil	EL6003	751450	6063550	0.002
MCSS007336	Soil	EL6003	751450	6063600	-0.001
MCSS007337	Soil	EL6003	751450	6063650	0.004

<b>MCSS007338</b>	Soil	EL6003	751450	6063700	0.007
<b>MCSS007339</b>	Soil	EL6003	751450	6063750	0.01
<b>MCSS007340</b>	Soil	EL6003	751450	6063800	0.004
<b>MCSS007342</b>	Soil	EL6003	751500	6063000	0.01
<b>MCSS007343</b>	Soil	EL6003	751500	6063050	0.01
<b>MCSS007344</b>	Soil	EL6003	751500	6063100	0.01
<b>MCSS007345</b>	Soil	EL6003	751500	6063150	0.01
<b>MCSS007346</b>	Soil	EL6003	751500	6063200	0.01
<b>MCSS007347</b>	Soil	EL6003	751500	6063250	0.1
<b>MCSS007348</b>	Soil	EL6003	751500	6063300	0.01
<b>MCSS007349</b>	Soil	EL6003	751500	6063350	0.01
<b>MCSS007350</b>	Soil	EL6003	751500	6063400	0.03
<b>MCSS007351</b>	Soil	EL6003	751500	6063450	0.001
<b>MCSS007352</b>	Soil	EL6003	751500	6063500	0.02
<b>MCSS007353</b>	Soil	EL6003	751500	6063550	0.02
<b>MCSS007354</b>	Soil	EL6003	751500	6063600	0.003
<b>MCSS007355</b>	Soil	EL6003	751500	6063650	0.02
<b>MCSS007356</b>	Soil	EL6003	751500	6063700	0.1
<b>MCSS007357</b>	Soil	EL6003	751500	6063750	0.005
<b>MCSS007358</b>	Soil	EL6003	751500	6063800	0.004
<b>MCSS007359</b>	Soil	EL6003	751550	6063000	0.02
<b>MCSS007360</b>	Soil	EL6003	751550	6063050	0.02
<b>MCSS007361</b>	Soil	EL6003	751550	6063100	0.06
<b>MCSS007362</b>	Soil	EL6003	751550	6063150	0.01
<b>MCSS007363</b>	Soil	EL6003	751550	6063200	0.05
<b>MCSS007364</b>	Soil	EL6003	751550	6063250	1.05
<b>MCSS007365</b>	Soil	EL6003	751550	6063300	0.02
<b>MCSS007366</b>	Soil	EL6003	751550	6063350	0.01
<b>MCSS007367</b>	Soil	EL6003	751550	6063400	0.009
<b>MCSS007368</b>	Soil	EL6003	751550	6063450	0.005
<b>MCSS007369</b>	Soil	EL6003	751550	6063500	0.003
<b>MCSS007370</b>	Soil	EL6003	751550	6063550	0.01
<b>MCSS007371</b>	Soil	EL6003	751550	6063600	0.01
<b>MCSS007372</b>	Soil	EL6003	751550	6063650	0.009
<b>MCSS007373</b>	Soil	EL6003	751550	6063700	0.01
<b>MCSS007374</b>	Soil	EL6003	751550	6063750	0.005
<b>MCSS007375</b>	Soil	EL6003	751550	6063800	0.004
<b>MCSS007376</b>	Soil	EL6003	751600	6063000	0.71
<b>MCSS007377</b>	Soil	EL6003	751600	6063050	0.01
<b>MCSS007378</b>	Soil	EL6003	751600	6063100	0.03
<b>MCSS007379</b>	Soil	EL6003	751600	6063150	0.03
<b>MCSS007380</b>	Soil	EL6003	751600	6063200	0.008
<b>MCSS007381</b>	Soil	EL6003	751600	6063250	0.01
<b>MCSS007382</b>	Soil	EL6003	751600	6063300	0.005
<b>MCSS007383</b>	Soil	EL6003	751600	6063350	0.19
<b>MCSS007384</b>	Soil	EL6003	751600	6063400	3.09

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MCSS008494	Soil	EL6003	751375	6063075	0.01
MCSS008495	Soil	EL6003	751425	6063075	0.04
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MCSS008498	Soil	EL6003	751425	6063325	0.02
MCSS008499	Soil	EL6003	751484	6063326	0.03
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MCSS008504	Soil	EL6003	751525	6063525	0.003
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MCSS008507	Soil	EL6003	751150	6063000	0.007
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MCSS008511	Soil	EL6003	751150	6062800	0.009

MCSS008512	Soil	EL6003	751150	6062750	0.02
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MCSS008514	Soil	EL6003	751150	6062650	0.004
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MCSS008519	Soil	EL6003	751250	6062850	0.02
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MCSS008523	Soil	EL6003	751250	6062650	0.02
MCSS008524	Soil	EL6003	751250	6062600	0.006
MCSS008525	Soil	EL6003	751250	6062550	0.02
MCSS008526	Soil	EL6003	751350	6062950	0.009
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MCSS008529	Soil	EL6003	751350	6062800	0.01
MCSS008530	Soil	EL6003	751350	6062750	0.02
MCSS008531	Soil	EL6003	751350	6062700	0.33
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MCSS008534	Soil	EL6003	751350	6062550	0.08
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MCSS008538	Soil	EL6003	751450	6062850	0.009
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MCSS008542	Soil	EL6003	751450	6062650	0.008
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MCSS008546	Soil	EL6003	751550	6062900	0.01
MCSS008547	Soil	EL6003	751550	6062850	0.008
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MCSS008549	Soil	EL6003	751550	6062750	0.01
MCSS008550	Soil	EL6003	751550	6062700	0.02
MCSS008551	Soil	EL6003	751550	6062655	0.02
MCSS008552	Soil	EL6003	751550	6062600	0.007
MCSS008553	Soil	EL6003	751650	6062950	0.02
MCSS008554	Soil	EL6003	751650	6062900	0.03
MCSS008555	Soil	EL6003	751650	6062850	0.05
MCSS008556	Soil	EL6003	751650	6062800	0.02
MCSS008557	Soil	EL6003	751650	6062750	0.007
MCSS008558	Soil	EL6003	751650	6062700	0.01

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MCSS008559	Soil	EL6003	751650	6062650	0.007
MCSS008560	Soil	EL6003	751650	6062600	0.005
MCSS008561	Soil	EL6003	751650	6062550	0.006
MCSS008562	Soil	EL6003	750700	6063200	0.01
MCSS008563	Soil	EL6003	750700	6063250	0.01
MCSS008564	Soil	EL6003	750700	6063300	0.03
MCSS008565	Soil	EL6003	750685	6063350	0.03
MCSS008566	Soil	EL6003	750700	6063400	0.04
MCSS008567	Soil	EL6003	750700	6063450	0.01
MCSS008568	Soil	EL6003	750700	6063500	0.004
MCSS008569	Soil	EL6003	750700	6063543	0.04
MCSS008570	Soil	EL6003	750700	6063600	0.01
MCSS008571	Soil	EL6003	750700	6063650	0.003
MCSS008572	Soil	EL6003	750700	6063700	0.008
MCSS008574	Soil	EL6003	750700	6063750	0.009
MCSS008575	Soil	EL6003	750700	6063800	0.007
MCSS008576	Soil	EL6003	750700	6063850	0.002
MCSS008577	Soil	EL6003	750700	6063900	0.01
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MCSS008579	Soil	EL6003	750700	6064000	0.007
MCSS008580	Soil	EL6003	750700	6064050	0.006
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MCSS008583	Soil	EL6003	750700	6064200	0.006
MCSS008586	Soil	EL6003	750950	6064100	0.003
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MCSS008588	Soil	EL6003	750950	6064000	0.02
MCSS008589	Soil	EL6003	750950	6063950	0.01
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MCSS008591	Soil	EL6003	750950	6063850	0.009
MCSS008592	Soil	EL6003	750950	6063800	0.2
MCSS008593	Soil	EL6003	750951	6063757	0.1
MCSS008594	Soil	EL6003	750950	6063700	0.009
MCSS008595	Soil	EL6003	750950	6063650	0.004
MCSS008596	Soil	EL6003	750950	6063600	0.01
MCSS008597	Soil	EL6003	751000	6064100	0.01
MCSS008598	Soil	EL6003	751000	6064050	0.26
MCSS008599	Soil	EL6003	751000	6064000	0.01
MCSS008600	Soil	EL6003	751000	6063950	0.02
MCSS008601	Soil	EL6003	751000	6063900	0.01
MCSS008602	Soil	EL6003	751000	6063850	0.01
MCSS008603	Soil	EL6003	751000	6063800	0.009
MCSS008604	Soil	EL6003	751004	6063739	0.06
MCSS008605	Soil	EL6003	751000	6063700	0.008
MCSS008606	Soil	EL6003	751000	6063650	0.006
MCSS008607	Soil	EL6003	751992	6063600	0.008

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MCSS008608	Soil	EL6003	751000	6063550	0.01
MCSS008609	Soil	EL6003	751000	6063500	0.007
MCSS008610	Soil	EL6003	751004	6063452	0.01
MCSS008611	Soil	EL6003	751000	6063400	0.01
MCSS008612	Soil	EL6003	751000	6063350	0.02
MCSS008613	Soil	EL6003	751000	6063300	0.05
MCSS008614	Soil	EL6003	751000	6063250	0.02
MCSS008615	Soil	EL6003	751050	6064100	0.01
MCSS008616	Soil	EL6003	751050	6064050	0.007
MCSS008617	Soil	EL6003	751050	6064000	0.007
MCSS008618	Soil	EL6003	751050	6063950	0.004
MCSS008619	Soil	EL6003	751050	6063900	0.01
MCSS008620	Soil	EL6003	751050	6063850	0.02
MCSS008621	Soil	EL6003	751050	6063800	0.01
MCSS008622	Soil	EL6003	751050	6063750	0.004
MCSS008623	Soil	EL6003	751050	6063700	0.003
MCSS008624	Soil	EL6003	751050	6063650	0.01
MCSS008625	Soil	EL6003	751050	6063600	0.1
MCSS008626	Soil	EL6003	751050	6063550	0.02
MCSS008627	Soil	EL6003	751050	6063500	0.007
MCSS008628	Soil	EL6003	751050	6063450	0.009
MCSS008629	Soil	EL6003	751050	6063400	0.01
MCSS008630	Soil	EL6003	751050	6063350	0.05
MCSS008631	Soil	EL6003	751050	6063300	0.03
MCSS008632	Soil	EL6003	751050	6063250	0.02
MCSS008633	Soil	EL6003	751050	6063200	0.02
MCSS008634	Soil	EL6003	751100	6064100	0.01
MCSS008635	Soil	EL6003	751100	6064050	0.01
MCSS008636	Soil	EL6003	751100	6064000	0.05
MCSS008637	Soil	EL6003	751100	6063950	0.06
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MCSS008641	Soil	EL6003	751100	6063800	0.02
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MCSS008653	Soil	EL6003	751100	6063200	0.02
MCSS008654	Soil	EL6003	751150	6064100	0.004



MCSS008655	Soil	EL6003	751150	6064050	0.008
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MCSS008674	Soil	EL6003	751200	6064100	0.007
MCSS008675	Soil	EL6003	751200	6064050	0.01
MCSS008676	Soil	EL6003	751200	6064000	0.01
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MCSS008680	Soil	EL6003	751200	6063800	0.007
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MCSS008686	Soil	EL6003	751200	6063500	0.02
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MCSS008691	Soil	EL6003	751200	6063250	0.02
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MCSS008693	Soil	EL6003	751200	6063150	0.04
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MCSS008698	Soil	EL6003	751700	6063000	0.15
MCSS008699	Soil	EL6003	751700	6063050	0.004
MCSS008700	Soil	EL6003	751700	6063100	0.006

MCSS008701	Soil	EL6003	751700	6063150	0.03
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MCSS008706	Soil	EL6003	751700	6063400	0.01
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MCSS008790	Soil	EL6003	751900	6063500	0.008
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MCSS008799	Soil	EL6003	751900	6063050	0.002
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MCSS008801	Soil	EL6003	751900	6062950	0.02
MCSS008802	Soil	EL6003	751900	6062900	0.003
MCSS008803	Soil	EL6003	751900	6062850	0.02
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MCSS008806	Soil	EL6003	751900	6062700	0.01
MCSS008812	Soil	EL6003	751950	6063550	0.004
MCSS008813	Soil	EL6003	751950	6063500	0.008
MCSS008814	Soil	EL6003	751950	6063450	0.004
MCSS008815	Soil	EL6003	751950	6063400	0.002

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MCSS008816	Soil	EL6003	751950	6063350	-0.002
MCSS008817	Soil	EL6003	751950	6063300	-0.002
MCSS008818	Soil	EL6003	751950	6063250	0.009
MCSS008819	Soil	EL6003	751950	6063200	0.004
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MCSS008821	Soil	EL6003	751950	6063100	0.01
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MCSS008823	Soil	EL6003	751950	6063000	0.003
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MCSS010551	Soil	EL6003	752080	6061960	0.01
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MCSS010555	Soil	EL6003	752080	6062120	0.008
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MCSS010561	Soil	EL6003	752080	6062360	0.009

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MCSS010619	Soil	EL6003	752240	6061880	0.007
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MCSS010638	Soil	EL6003	752240	6062640	0.006
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MCSS010642	Soil	EL6003	752240	6062800	0.004
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MCSS010654	Soil	EL6003	752320	6061860	0.004
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MCSS010674	Soil	EL6003	752320	6062660	0.01
MCSS010675	Soil	EL6003	752320	6062700	0.004
MCSS010676	Soil	EL6003	752320	6062740	0.003
MCSS010677	Soil	EL6003	752320	6062780	0.003
MCSS010678	Soil	EL6003	752320	6062820	0.003
MCSS010679	Soil	EL6003	752320	6062860	0.009
MCSS010690	Soil	EL6003	752400	6061880	0.003

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MCSS010691	Soil	EL6003	752400	6061920	0.005
MCSS010692	Soil	EL6003	752400	6061960	0.004
MCSS010693	Soil	EL6003	752400	6062000	0.004
MCSS010694	Soil	EL6003	752400	6062040	0.007
MCSS010695	Soil	EL6003	752400	6062080	0.01
MCSS010696	Soil	EL6003	752400	6062120	0.01
MCSS010697	Soil	EL6003	752400	6062160	0.03
MCSS010698	Soil	EL6003	752400	6062200	0.01
MCSS010699	Soil	EL6003	752400	6062240	0.02
MCSS010700	Soil	EL6003	752400	6062280	0.009
MCSS010701	Soil	EL6003	752400	6062320	0.02
MCSS010702	Soil	EL6003	752400	6062360	1.08
MCSS010703	Soil	EL6003	752400	6062400	0.01
MCSS010704	Soil	EL6003	752400	6062440	0.007
MCSS010705	Soil	EL6003	752400	6062480	0.007
MCSS010706	Soil	EL6003	752400	6062520	0.008
MCSS010707	Soil	EL6003	752400	6062560	0.004
MCSS010708	Soil	EL6003	752400	6062600	0.07
MCSS010709	Soil	EL6003	752400	6062640	0.002
MCSS010710	Soil	EL6003	752400	6062680	0.002
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MCSS010712	Soil	EL6003	752400	6062760	0.002
MCSS010713	Soil	EL6003	752400	6062800	0.01
MCSS010714	Soil	EL6003	752400	6062840	0.004
MCSS010715	Soil	EL6003	752400	6062880	0.01
MCSS010725	Soil	EL6003	752480	6061860	0.006
MCSS010726	Soil	EL6003	752480	6061900	0.06
MCSS010727	Soil	EL6003	752480	6061940	0.006
MCSS010728	Soil	EL6003	752480	6061980	0.01
MCSS010729	Soil	EL6003	752480	6062020	0.02
MCSS010730	Soil	EL6003	752480	6062060	0.005
MCSS010731	Soil	EL6003	752480	6062100	0.006
MCSS010732	Soil	EL6003	752480	6062140	0.008
MCSS010733	Soil	EL6003	752480	6062180	0.01
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MCSS010735	Soil	EL6003	752480	6062260	0.01
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MCSS010737	Soil	EL6003	752480	6062340	0.03
MCSS010738	Soil	EL6003	752480	6062380	0.01
MCSS010739	Soil	EL6003	752480	6062420	0.003
MCSS010740	Soil	EL6003	752480	6062460	0.005
MCSS010741	Soil	EL6003	752480	6062500	0.005
MCSS010742	Soil	EL6003	752480	6062540	0.03
MCSS010743	Soil	EL6003	752480	6062580	0.003
MCSS010744	Soil	EL6003	752480	6062620	0.008
MCSS010745	Soil	EL6003	752480	6062660	0.003

MCSS010746	Soil	EL6003	752480	6062700	0.002
MCSS010747	Soil	EL6003	752480	6062740	0.007
MCSS010748	Soil	EL6003	752480	6062780	0.002
MCSS010749	Soil	EL6003	752480	6062820	-0.002
MCSS010750	Soil	EL6003	752480	6062860	-0.002
MCSS010761	Soil	EL6003	752560	6061880	0.01
MCSS010762	Soil	EL6003	752560	6061920	0.007
MCSS010763	Soil	EL6003	752560	6061960	0.01
MCSS010764	Soil	EL6003	752560	6062000	0.01
MCSS010765	Soil	EL6003	752560	6062040	0.02
MCSS010766	Soil	EL6003	752560	6062080	0.93
MCSS010767	Soil	EL6003	752560	6062120	0.003
MCSS010768	Soil	EL6003	752560	6062160	0.01
MCSS010769	Soil	EL6003	752560	6062200	0.009
MCSS010770	Soil	EL6003	752560	6062240	0.36
MCSS010771	Soil	EL6003	752560	6062280	0.01
MCSS010772	Soil	EL6003	752560	6062320	0.007
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MCSS010774	Soil	EL6003	752560	6062400	0.01
MCSS010775	Soil	EL6003	752560	6062440	0.009
MCSS010776	Soil	EL6003	752560	6062480	0.009
MCSS010777	Soil	EL6003	752560	6062520	0.01
MCSS010778	Soil	EL6003	752560	6062560	0.005
MCSS010779	Soil	EL6003	752560	6062600	0.01
MCSS010780	Soil	EL6003	752560	6062640	0.002
MCSS010781	Soil	EL6003	752560	6062680	0.003
MCSS010782	Soil	EL6003	752560	6062720	0.003
MCSS010783	Soil	EL6003	752560	6062760	0.02
MCSS010784	Soil	EL6003	752560	6062800	0.003
MCSS010785	Soil	EL6003	752560	6062840	0.004
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MCSS010789	Soil	EL6003	752640	6061860	0.008
MCSS010790	Soil	EL6003	752640	6061900	0.006
MCSS010791	Soil	EL6003	752640	6061940	0.004
MCSS010792	Soil	EL6003	752640	6061980	0.004
MCSS010793	Soil	EL6003	752640	6062020	0.01
MCSS010794	Soil	EL6003	752640	6062060	0.08
MCSS010795	Soil	EL6003	752640	6062100	0.18
MCSS010796	Soil	EL6003	752640	6062140	0.02
MCSS010797	Soil	EL6003	752640	6062180	0.007
MCSS010798	Soil	EL6003	752640	6062220	0.02
MCSS010799	Soil	EL6003	752640	6062260	0.04
MCSS010800	Soil	EL6003	752640	6062300	0.04
MCSS010801	Soil	EL6003	752640	6062340	0.01
MCSS010802	Soil	EL6003	752640	6062380	0.01
MCSS010803	Soil	EL6003	752640	6062420	0.008



MCSS010804	Soil	EL6003	752640	6062460	0.003
MCSS010805	Soil	EL6003	752640	6062500	0.01
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MCSS010810	Soil	EL6003	752640	6062700	0.14
MCSS010811	Soil	EL6003	752640	6062740	0.02
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MCSS010813	Soil	EL6003	752640	6062820	0.003
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MCSS2831	soil	EL6003	750313	6064124	0.01
MCSS2832	soil	EL6003	750313	6064044	-0.001
MCSS2833	soil	EL6003	750311	6063968	0.003
MCSS2857	soil	EL6003	750413	6064124	0.03
MCSS2858	soil	EL6003	750413	6064044	0.09
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MCSS2878	soil	EL6003	750463	6064164	0.002
MCSS2902	soil	EL6003	750513	6064164	0.002
MCSS2903	soil	EL6003	750513	6064084	0.009
MCSS2904	soil	EL6003	750513	6064004	0.04
MCSS2923	soil	EL6003	750563	6064164	0.003
MCSS2924	soil	EL6003	750613	6063984	0.01
MCSS2925	soil	EL6003	750613	6064064	0.003
MCSS2926	soil	EL6003	750613	6064144	0.002
MCSS2939	soil	EL6003	750713	6063964	-0.001
MCSS2940	soil	EL6003	750713	6064044	0.007
MCSS2941	soil	EL6003	750713	6064124	0.2
MCSS2955	soil	EL6003	750813	6063944	0.004
MCSS2956	soil	EL6003	750813	6064024	0.001
MCSS2957	soil	EL6003	750813	6064104	-0.001
MCSS2958	soil	EL6003	750813	6064184	0.01
MCSS2973	soil	EL6003	750913	6063984	0.06
MCSS2974	soil	EL6003	750913	6063994	0.02
MCSS2975	soil	EL6003	750913	6064144	0.001
MCSS3003	soil	EL6003	749913	6064084	0.008
MCSS3004	soil	EL6003	749913	6064004	-0.001
MCSS3005	soil	EL6003	749913	6063924	-0.001
MCSS3006	soil	EL6003	749913	6063844	-0.001
MCSS3007	soil	EL6003	749913	6063764	0.003
MCSS3008	soil	EL6003	749913	6063684	0.01
MCSS3009	soil	EL6003	749913	6063604	0.01
MCSS3010	soil	EL6003	749913	6063524	0.005
MCSS3011	soil	EL6003	749913	6063444	0.008
MCSS3012	soil	EL6003	749913	6063364	0.003
MCSS3013	soil	EL6003	749913	6063284	0.01

MCSS3014	soil	EL6003	749913	6063204	-0.001
MCSS3015	soil	EL6003	750013	6064064	-0.001
MCSS3016	soil	EL6003	750013	6063984	-0.001
MCSS3017	soil	EL6003	750013	6063904	-0.001
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MCSS3019	soil	EL6003	750013	6063744	0.008
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MCSS3022	soil	EL6003	750013	6063504	-0.001
MCSS3023	soil	EL6003	750013	6063424	-0.001
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MCSS3025	soil	EL6003	750013	6063264	0.001
MCSS3026	soil	EL6003	750013	6063184	-0.001
MCSS3027	soil	EL6003	750113	6064024	-0.001
MCSS3028	soil	EL6003	750113	6063944	0.01
MCSS3029	soil	EL6003	750113	6063864	0.005
MCSS3030	soil	EL6003	750113	6063784	0.03
MCSS3031	soil	EL6003	750113	6063704	0.09
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MCSS3033	soil	EL6003	750113	6063544	0.003
MCSS3034	soil	EL6003	750113	6063464	-0.001
MCSS3035	soil	EL6003	750113	6063384	-0.001
MCSS3036	soil	EL6003	750113	6063304	-0.001
MCSS3037	soil	EL6003	750113	6063224	0.004
MCSS3038	soil	EL6003	750113	6063144	0.01
MCSS3039	soil	EL6003	750213	6064004	0.01
MCSS3040	soil	EL6003	750213	6063924	0.01
MCSS3041	soil	EL6003	750213	6063844	-0.001
MCSS3042	soil	EL6003	750213	6063764	0.01
MCSS3043	soil	EL6003	750213	6063684	0.02
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MCSS3048	soil	EL6003	750213	6063284	0.01
MCSS3049	soil	EL6003	750213	6063204	0.03
MCSS3051	soil	EL6003	750213	6063124	0.002
MCSS3052	soil	EL6003	750213	6063044	0.002
MCSS3053	soil	EL6003	750313	6063884	0.001
MCSS3054	soil	EL6003	750313	6063804	0.01
MCSS3055	soil	EL6003	750313	6063724	0.02
MCSS3056	soil	EL6003	750313	6063644	0.009
MCSS3057	soil	EL6003	750313	6063564	0.01
MCSS3058	soil	EL6003	750313	6063484	0.02
MCSS3059	soil	EL6003	750313	6063404	0.008
MCSS3060	soil	EL6003	750313	6063324	0.007

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MCSS3061	soil	EL6003	750313	6063244	0.01
MCSS3062	soil	EL6003	750313	6063164	0.006
MCSS3063	soil	EL6003	750313	6063084	-0.001
MCSS3064	soil	EL6003	750313	6063004	0.004
MCSS3065	soil	EL6003	750413	6063884	0.004
MCSS3066	soil	EL6003	750413	6063804	-0.001
MCSS3067	soil	EL6003	750413	6063724	0.03
MCSS3068	soil	EL6003	750413	6063644	0.001
MCSS3069	soil	EL6003	750408	6063570	0.004
MCSS3070	soil	EL6003	750413	6063484	0.01
MCSS3071	soil	EL6003	750413	6063404	-0.001
MCSS3072	soil	EL6003	750413	6063324	-0.001
MCSS3073	soil	EL6003	750413	6063244	0.005
MCSS3074	soil	EL6003	750413	6063164	0.002
MCSS3075	soil	EL6003	750413	6063084	0.01
MCSS3076	soil	EL6003	750413	6063004	-0.001
MCSS3077	soil	EL6003	750513	6063924	-0.001
MCSS3078	soil	EL6003	750513	6063844	0.001
MCSS3079	soil	EL6003	750513	6063764	-0.001
MCSS3080	soil	EL6003	750513	6063684	0.003
MCSS3081	soil	EL6003	750513	6063604	0.008
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MCSS3083	soil	EL6003	750513	6063444	0.01
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MCSS3086	soil	EL6003	750513	6063204	0.003
MCSS3087	soil	EL6003	750513	6063124	0.002
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MCSS3090	soil	EL6003	750613	6063904	0.007
MCSS3091	soil	EL6003	750613	6063824	0.003
MCSS3092	soil	EL6003	750613	6063744	0.002
MCSS3093	soil	EL6003	750613	6063664	0.001
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MCSS3095	soil	EL6003	750613	6063504	0.003
MCSS3096	soil	EL6003	750613	6063424	0.18
MCSS3097	soil	EL6003	750613	6063344	0.001
MCSS3098	soil	EL6003	750625	6063264	0.005
MCSS3099	soil	EL6003	750613	6063184	0.007
MCSS3101	soil	EL6003	750613	6063104	0.01
MCSS3102	soil	EL6003	750713	6063884	0.005
MCSS3103	soil	EL6003	750713	6063804	0.006
MCSS3104	soil	EL6003	750713	6063724	0.05
MCSS3105	soil	EL6003	750713	6063644	0.003
MCSS3106	soil	EL6003	750710	6063564	0.02
MCSS3107	soil	EL6003	750713	6063484	0.01

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MCSS3108	soil	EL6003	750713	6063404	0.26
MCSS3109	soil	EL6003	750713	6063324	0.01
MCSS3110	soil	EL6003	750713	6063244	0.08
MCSS3111	soil	EL6003	750813	6063864	0.009
MCSS3112	soil	EL6003	750813	6063784	0.004
MCSS3113	soil	EL6003	750813	6063704	0.002
MCSS3114	soil	EL6003	750813	6063624	0.005
MCSS3115	soil	EL6003	750813	6063544	0.02
MCSS3116	soil	EL6003	750813	6063464	0.001
MCSS3117	soil	EL6003	750813	6063384	0.04
MCSS3118	soil	EL6003	750813	6063304	0.01
MCSS3119	soil	EL6003	750913	6063904	0.03
MCSS3120	soil	EL6003	750913	6063824	0.006
MCSS3121	soil	EL6003	750913	6063744	0.01
MCSS3122	soil	EL6003	750913	6063664	0.03
MCSS3123	soil	EL6003	750913	6063584	0.01
MCSS3124	soil	EL6003	750913	6063504	0.01
MCSS3126	soil	EL6003	750913	6063424	0.009
MCSS3127	soil	EL6003	749913	6063124	0.007
MCSS3145	soil	EL6003	750013	6063144	0.009
MCSS3146	soil	EL6003	750013	6063104	0.007
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MCSS3148	soil	EL6003	750013	6063024	0.003
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MCSS3172	soil	EL6003	750113	6063064	0.001
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MCSS3174	soil	EL6003	750113	6062984	0.001
MCSS3176	soil	EL6003	750113	6062944	-0.001
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MCSS3195	soil	EL6003	750213	6063004	-0.001
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MCSS3198	soil	EL6003	750213	6062884	0.001
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MCSS3201	soil	EL6003	750213	6062804	-0.001
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MCSS3218	soil	EL6003	750313	6062804	0.01
MCSS3219	soil	EL6003	750313	6062764	0.003
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MCSS3221	soil	EL6003	750313	6062684	0.002
MCSS3230	soil	EL6003	750413	6062964	0.006
MCSS3231	soil	EL6003	750413	6062924	0.002
MCSS3232	soil	EL6003	750413	6062884	0.007

MCSS3233	soil	EL6003	750413	6062844	0.007
MCSS3234	soil	EL6003	750413	6062804	0.005
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MCSS3237	soil	EL6003	750413	6062684	0.03
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MCSS3243	soil	EL6003	750513	6062804	0.01
MCSS3244	soil	EL6003	750513	6062764	0.007
MCSS4395	Soil	EL6003	749913	6064044	0.06
MCSS4396	Soil	EL6003	749913	6063964	0.001
MCSS4397	Soil	EL6003	749913	6063884	0.002
MCSS4398	Soil	EL6003	749913	6063804	0.009
MCSS4399	Soil	EL6003	749913	6063724	0.002
MCSS4401	Soil	EL6003	749913	6063644	0.06
MCSS4402	Soil	EL6003	749913	6063564	0.002
MCSS4403	Soil	EL6003	749913	6063484	0.07
MCSS4404	Soil	EL6003	749913	6063404	0.02
MCSS4405	Soil	EL6003	749913	6063324	0.006
MCSS4406	Soil	EL6003	749913	6063244	0.001
MCSS4407	Soil	EL6003	749913	6063164	0.002
MCSS4408	Soil	EL6003	750013	6063224	-0.001
MCSS4409	Soil	EL6003	750013	6063304	-0.001
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MCSS4413	Soil	EL6003	750013	6063624	0.01
MCSS4414	Soil	EL6003	750013	6063704	0.001
MCSS4415	Soil	EL6003	750013	6063784	0.002
MCSS4416	Soil	EL6003	750013	6063864	0.09
MCSS4417	Soil	EL6003	750013	6063944	0.04
MCSS4418	Soil	EL6003	750013	6064024	-0.001
MCSS4419	Soil	EL6003	750113	6063984	0.05
MCSS4420	Soil	EL6003	750113	6063904	-0.001
MCSS4421	Soil	EL6003	750113	6063824	0.003
MCSS4422	Soil	EL6003	750113	6063744	0.24
MCSS4423	Soil	EL6003	750113	6063664	0.004
MCSS4424	Soil	EL6003	750113	6063584	-0.001
MCSS4426	Soil	EL6003	750113	6063504	-0.001
MCSS4427	Soil	EL6003	750113	6063424	0.003
MCSS4428	Soil	EL6003	750113	6063344	0.004
MCSS4429	Soil	EL6003	750113	6063264	0.08
MCSS4430	Soil	EL6003	750113	6063184	0.008

MCSS4431	Soil	EL6003	750213	6063084	0.003
MCSS4432	Soil	EL6003	750213	6063164	0.003
MCSS4433	Soil	EL6003	750213	6063244	0.003
MCSS4434	Soil	EL6003	750213	6063324	0.01
MCSS4435	Soil	EL6003	750213	6063404	0.008
MCSS4436	Soil	EL6003	750213	6063484	0.04
MCSS4437	Soil	EL6003	750213	6063564	0.005
MCSS4438	Soil	EL6003	750213	6063644	0.01
MCSS4439	Soil	EL6003	750213	6063724	0.01
MCSS4440	Soil	EL6003	750213	6063804	0.003
MCSS4441	Soil	EL6003	750213	6063884	0.007
MCSS4442	Soil	EL6003	750213	6063964	0.006
MCSS4443	Soil	EL6003	750313	6064164	0.003
MCSS4444	Soil	EL6003	750313	6064084	0.004
MCSS4445	Soil	EL6003	750313	6064004	0.003
MCSS4446	Soil	EL6003	750313	6063924	0.008
MCSS4447	Soil	EL6003	750313	6063844	0.006
MCSS4448	Soil	EL6003	750313	6063764	0.002
MCSS4449	Soil	EL6003	750313	6063684	0.02
MCSS4451	Soil	EL6003	750313	6063604	0.01
MCSS4452	Soil	EL6003	750313	6063524	0.01
MCSS4453	Soil	EL6003	750313	6063444	0.01
MCSS4454	Soil	EL6003	750313	6063364	0.008
MCSS4455	Soil	EL6003	750313	6063284	0.02
MCSS4456	Soil	EL6003	750313	6063204	0.008
MCSS4457	Soil	EL6003	750313	6063124	0.006
MCSS4458	Soil	EL6003	750313	6063044	0.01
MCSS4459	Soil	EL6003	750413	6063044	0.003
MCSS4460	Soil	EL6003	750413	6063124	0.01
MCSS4461	Soil	EL6003	750413	6063204	0.004
MCSS4462	Soil	EL6003	750413	6063284	0.01
MCSS4463	Soil	EL6003	750413	6063364	0.007
MCSS4464	Soil	EL6003	750413	6063444	0.01
MCSS4465	Soil	EL6003	750413	6063524	0.03
MCSS4466	Soil	EL6003	750413	6063604	0.01
MCSS4467	Soil	EL6003	750413	6063684	0.009
MCSS4468	Soil	EL6003	750413	6063764	0.04
MCSS4469	Soil	EL6003	750413	6063844	0.006
MCSS4470	Soil	EL6003	750413	6063924	0.008
MCSS4471	Soil	EL6003	750413	6064004	0.002
MCSS4472	Soil	EL6003	750413	6064084	0.001
MCSS4473	Soil	EL6003	750413	6064164	0.001
MCSS4474	Soil	EL6003	750513	6064124	0.006
MCSS4476	Soil	EL6003	750513	6064044	0.01
MCSS4477	Soil	EL6003	750513	6063964	0.003
MCSS4478	Soil	EL6003	750513	6063884	0.002

MCSS4479	Soil	EL6003	750513	6063804	0.002
MCSS4480	Soil	EL6003	750513	6063724	0.005
MCSS4481	Soil	EL6003	750513	6063644	0.01
MCSS4482	Soil	EL6003	750513	6063564	0.009
MCSS4483	Soil	EL6003	750513	6063484	0.006
MCSS4484	Soil	EL6003	750513	6063404	0.006
MCSS4485	Soil	EL6003	750513	6063324	0.009
MCSS4486	Soil	EL6003	750513	6063244	0.008
MCSS4487	Soil	EL6003	750513	6063164	0.002
MCSS4488	Soil	EL6003	750513	6063084	0.008
MCSS4489	Soil	EL6003	750513	6063004	0.004
MCSS4490	Soil	EL6003	750613	6063144	0.008
MCSS4491	Soil	EL6003	750613	6063224	0.003
MCSS4492	Soil	EL6003	750613	6063304	0.003
MCSS4493	Soil	EL6003	750613	6063384	0.005
MCSS4494	Soil	EL6003	750613	6063464	0.002
MCSS4495	Soil	EL6003	750613	6063544	0.04
MCSS4496	Soil	EL6003	750613	6063624	0.01
MCSS4497	Soil	EL6003	750613	6063704	0.004
MCSS4498	Soil	EL6003	750613	6063784	0.003
MCSS4499	Soil	EL6003	750613	6063864	0.003
MCSS4501	Soil	EL6003	750613	6063944	0.004
MCSS4502	Soil	EL6003	750613	6064024	0.002
MCSS4503	Soil	EL6003	750613	6064104	-0.001
MCSS4504	Soil	EL6003	750613	6064184	0.004
MCSS4508	Soil	EL6003	750713	6064164	0.008
MCSS4509	Soil	EL6003	750713	6064084	0.02
MCSS4510	Soil	EL6003	750713	6064004	0.01
MCSS4511	Soil	EL6003	750713	6063924	0.14
MCSS4512	Soil	EL6003	750713	6063844	-0.001
MCSS4513	Soil	EL6003	750713	6063764	0.01
MCSS4514	Soil	EL6003	750713	6063684	0.005
MCSS4515	Soil	EL6003	750713	6063604	0.007
MCSS4516	Soil	EL6003	750713	6063524	0.008
MCSS4517	Soil	EL6003	750713	6063444	0.01
MCSS4518	Soil	EL6003	750713	6063364	0.01
MCSS4519	Soil	EL6003	750713	6063284	0.009
MCSS4520	Soil	EL6003	750713	6063204	0.005
MCSS4521	Soil	EL6003	750813	6064144	0.003
MCSS4522	Soil	EL6003	750813	6064064	0.002
MCSS4523	Soil	EL6003	750813	6063984	0.001
MCSS4524	Soil	EL6003	750813	6063904	0.002
MCSS4526	Soil	EL6003	750813	6063824	0.01
MCSS4527	Soil	EL6003	750813	6063744	0.002
MCSS4528	Soil	EL6003	750813	6063664	0.01
MCSS4529	Soil	EL6003	750813	6063584	0.009

MCSS4530	Soil	EL6003	750813	6063504	0.03
MCSS4531	Soil	EL6003	750813	6063424	0.006
MCSS4532	Soil	EL6003	750813	6063344	0.02
MCSS4533	Soil	EL6003	750813	6063264	0.01
MCSS4534	Soil	EL6003	750913	6063384	0.01
MCSS4535	Soil	EL6003	750913	6063464	0.01
MCSS4536	Soil	EL6003	750913	6063544	0.02
MCSS4537	Soil	EL6003	750913	6063624	0.01
MCSS4538	Soil	EL6003	750913	6063704	0.01
MCSS4539	Soil	EL6003	750913	6063784	0.04
MCSS4540	Soil	EL6003	750913	6063864	0.03
MCSS4541	Soil	EL6003	750913	6063944	0.12
MCSS4542	Soil	EL6003	750913	6064024	0.02
MCSS4543	Soil	EL6003	750913	6064064	0.01
MCSS4544	Soil	EL6003	751013	6064064	0.05
MCSS4545	Soil	EL6003	751013	6064024	0.05
MCSS4546	Soil	EL6003	751013	6063984	0.004
MCSS4547	Soil	EL6003	751013	6063944	0.01
MCSS4548	Soil	EL6003	751013	6063904	1.52
MCSS4549	Soil	EL6003	751013	6063864	0.05
MCSS4551	Soil	EL6003	751013	6063824	0.008
MCSS4552	Soil	EL6003	751013	6063784	0.07
MCSS4553	Soil	EL6003	751013	6063744	0.01
MCSS4554	Soil	EL6003	751013	6063704	0.005
MCSS4690	soil	EL6003	750560	6062640	0.03
MCSS4691	soil	EL6003	750560	6062680	0.07
MCSS4692	soil	EL6003	750560	6062720	0.01
MCSS4693	soil	EL6003	750560	6062760	0.05
MCSS4694	soil	EL6003	750610	6062930	0.008
MCSS4695	soil	EL6003	750610	6062890	0.02
MCSS4696	soil	EL6003	750610	6062850	0.01
MCSS4697	soil	EL6003	750610	6062810	0.04
MCSS4698	soil	EL6003	750610	6062770	0.03
MCSS4699	soil	EL6003	750610	6062730	0.01
MCSS4701	soil	EL6003	750610	6062690	0.01
MCSS4702	soil	EL6003	750610	6062650	0.06
MCSS4703	soil	EL6003	750610	6062610	0.002
MCSS4704	soil	EL6003	750660	6063040	0.02
MCSS4705	soil	EL6003	750660	6063000	0.19
MCSS4706	soil	EL6003	750660	6062960	0.03
MCSS4707	soil	EL6003	750660	6062920	0.04
MCSS4708	soil	EL6003	750660	6062880	0.004
MCSS4709	soil	EL6003	750660	6062840	0.005
MCSS4710	soil	EL6003	750660	6062800	-0.002
MCSS4711	soil	EL6003	750660	6062760	0.03
MCSS4712	soil	EL6003	750660	6062720	0.05

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MCSS4713	soil	EL6003	750660	6062680	0.04
MCSS4714	soil	EL6003	750660	6062640	0.04
MCSS4715	soil	EL6003	750710	6062590	0.008
MCSS4716	soil	EL6003	750710	6062630	0.005
MCSS4717	soil	EL6003	750710	6062670	0.08
MCSS4718	soil	EL6003	750710	6062710	0.006
MCSS4719	soil	EL6003	750710	6062750	0.01
MCSS4720	soil	EL6003	750710	6062790	0.004
MCSS4721	soil	EL6003	750710	6062830	0.01
MCSS4722	soil	EL6003	750710	6062870	0.005
MCSS4723	soil	EL6003	750710	6062910	0.01
MCSS4724	soil	EL6003	750710	6062950	0.03
MCSS4726	soil	EL6003	750710	6062990	0.03
MCSS4727	soil	EL6003	750710	6063030	0.03
MCSS4728	soil	EL6003	750710	6063070	0.05
MCSS4729	soil	EL6003	750710	6063110	0.02
MCSS4730	soil	EL6003	750773	6063170	0.01
MCSS4731	soil	EL6003	750760	6063130	0.01
MCSS4732	soil	EL6003	750760	6063090	0.02
MCSS4733	soil	EL6003	750760	6063050	0.05
MCSS4734	soil	EL6003	750760	6063010	0.01
MCSS4735	soil	EL6003	750760	6062970	0.1
MCSS4736	soil	EL6003	750760	6062930	0.14
MCSS4737	soil	EL6003	750760	6062890	0.1
MCSS4738	soil	EL6003	750760	6062850	0.02
MCSS4739	soil	EL6003	750760	6062810	0.01
MCSS4740	soil	EL6003	750760	6062770	0.01
MCSS4741	soil	EL6003	750760	6062730	0.008
MCSS4742	soil	EL6003	750760	6062690	0.1
MCSS4743	soil	EL6003	750760	6062650	0.02
MCSS4744	soil	EL6003	750760	6062610	0.009
MCSS4745	soil	EL6003	750760	6062570	0.03
MCSS4746	soil	EL6003	750810	6062570	0.03
MCSS4747	soil	EL6003	750810	6062610	0.05
MCSS4748	soil	EL6003	750810	6062650	0.92
MCSS4749	soil	EL6003	750810	6062690	0.3
MCSS4751	soil	EL6003	750810	6062730	0.06
MCSS4752	soil	EL6003	750810	6062770	0.06
MCSS4753	soil	EL6003	750810	6062810	0.1
MCSS4754	soil	EL6003	750810	6062850	0.02
MCSS4755	soil	EL6003	750810	6062890	0.01
MCSS4756	soil	EL6003	750810	6062930	0.02
MCSS4757	soil	EL6003	750810	6062970	0.05
MCSS4758	soil	EL6003	750810	6063010	0.03
MCSS4759	soil	EL6003	750810	6063050	0.02
MCSS4760	soil	EL6003	750810	6063090	0.01

MCSS4761	soil	EL6003	750810	6063130	0.01
MCSS4762	soil	EL6003	750810	6063170	0.01
MCSS4763	soil	EL6003	750810	6063200	0.007
MCSS4764	soil	EL6003	750900	6063220	0.01
MCSS4765	soil	EL6003	750900	6063140	0.01
MCSS4766	soil	EL6003	750900	6063060	0.01
MCSS4767	soil	EL6003	750900	6062980	0.01
MCSS4768	soil	EL6003	750900	6062900	0.009
MCSS4769	soil	EL6003	750900	6062820	0.01
MCSS4770	soil	EL6003	750900	6062740	0.006
MCSS4771	soil	EL6003	750900	6062660	0.003
MCSS4772	soil	EL6003	750900	6062580	0.01
MCSS4773	soil	EL6003	751000	6062600	0.01
MCSS4774	soil	EL6003	751000	6062680	0.004
MCSS4776	soil	EL6003	751000	6062760	0.08
MCSS4777	soil	EL6003	751000	6062840	0.04
MCSS4778	soil	EL6003	751000	6062920	0.09
MCSS4779	soil	EL6003	751000	6063000	0.006
MCSS4780	soil	EL6003	751000	6063080	0.07
MCSS4781	soil	EL6003	751000	6063160	-0.002
MCSS4782	soil	EL6003	751000	6062520	0.03
MCSS4783	soil	EL6003	751100	6063130	0.008
MCSS4784	soil	EL6003	751100	6063050	0.005
MCSS4785	soil	EL6003	751100	6062970	0.006
MCSS4786	soil	EL6003	751100	6062890	0.008
MCSS4787	soil	EL6003	751100	6062810	0.007
MCSS4788	soil	EL6003	751100	6062730	0.01
MCSS4789	soil	EL6003	751100	6062650	0.006
MCSS4790	soil	EL6003	751100	6062570	0.06
MCSS4791	soil	EL6003	751100	6062490	0.02
MCSS4792	soil	EL6003	751100	6062410	0.12
MCSS4793	soil	EL6003	751200	6062430	0.004
MCSS4794	soil	EL6003	751200	6062510	0.005
MCSS4795	soil	EL6003	751200	6062590	0.07
MCSS4796	soil	EL6003	751200	6062697	0.07
MCSS4797	soil	EL6003	751200	6062750	0.01
MCSS4798	soil	EL6003	751200	6062830	0.01
MCSS4799	soil	EL6003	751200	6062910	0.008
MCSS4801	soil	EL6003	751200	6062990	0.01
MCSS4802	soil	EL6003	751200	6063070	0.006
MCSS4803	soil	EL6003	751300	6063030	0.01
MCSS4804	soil	EL6003	751300	6062950	0.006
MCSS4805	soil	EL6003	751300	6062870	0.01
MCSS4806	soil	EL6003	751300	6062790	0.007
MCSS4807	soil	EL6003	751300	6062710	0.88
MCSS4808	soil	EL6003	751300	6062630	0.01

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MCSS4809	soil	EL6003	751300	6062550	0.008
MCSS4810	soil	EL6003	751300	6062470	0.03
MCSS4811	soil	EL6003	751300	6062390	0.008
MCSS4812	soil	EL6003	751400	6062260	0.03
MCSS4813	soil	EL6003	751400	6062340	0.01
MCSS4814	soil	EL6003	751400	6062420	0.06
MCSS4815	soil	EL6003	751400	6062500	0.06
MCSS4816	soil	EL6003	751400	6062580	0.006
MCSS4817	soil	EL6003	751400	6062660	0.003
MCSS4818	soil	EL6003	751400	6062740	0.008
MCSS4819	soil	EL6003	751400	6062820	0.004
MCSS4820	soil	EL6003	751400	6062900	0.005
MCSS4821	soil	EL6003	751400	6062980	0.01
MCSS4822	soil	EL6003	751500	6062930	0.02
MCSS4823	soil	EL6003	751500	6062850	0.005
MCSS4824	soil	EL6003	751500	6062770	0.004
MCSS4826	soil	EL6003	751500	6062690	0.005
MCSS4827	soil	EL6003	751500	6062610	0.01
MCSS4828	soil	EL6003	751500	6062530	0.008
MCSS4829	soil	EL6003	751500	6062450	0.01
MCSS4830	soil	EL6003	751500	6062370	0.008
MCSS4831	soil	EL6003	751500	6062290	0.006
MCSS4832	soil	EL6003	751500	6062210	0.009
MCSS4833	soil	EL6003	751600	6062170	0.03
MCSS4834	soil	EL6003	751600	6062250	0.02
MCSS4835	soil	EL6003	751600	6062330	0.006
MCSS4836	soil	EL6003	751600	6062410	0.007
MCSS4837	soil	EL6003	751600	6062490	0.05
MCSS4838	soil	EL6003	751600	6062570	0.009
MCSS4839	soil	EL6003	751600	6062663	0.004
MCSS4840	soil	EL6003	751600	6062730	0.01
MCSS4841	soil	EL6003	751600	6062810	0.008
MCSS4842	soil	EL6003	751600	6062890	0.003
MCSS4843	soil	EL6003	751700	6062760	0.002
MCSS4844	soil	EL6003	751700	6062680	0.006
MCSS4845	soil	EL6003	751700	6062600	0.005
MCSS4846	soil	EL6003	751700	6062520	0.002
MCSS4847	soil	EL6003	751700	6062440	0.009
MCSS4848	soil	EL6003	751700	6062360	-0.002
MCSS4849	soil	EL6003	751700	6062280	0.006
MCSS4851	soil	EL6003	751700	6062200	0.005
MCSS4852	soil	EL6003	751700	6062120	-0.002
MCSS4853	soil	EL6003	751700	6062040	0.06
MCSS4854	soil	EL6003	751800	6062000	-0.002
MCSS4855	soil	EL6003	751800	6062080	0.003
MCSS4856	soil	EL6003	751800	6062160	0.007

MCSS4857	soil	EL6003	751800	6062240	0.004
MCSS4858	soil	EL6003	751800	6062320	0.06
MCSS4859	soil	EL6003	751800	6062400	-0.002
MCSS4860	soil	EL6003	751800	6062480	0.003
MCSS4861	soil	EL6003	751800	6062560	0.02
MCSS4862	soil	EL6003	751800	6062640	-0.002
MCSS4863	soil	EL6003	751800	6062720	0.007
MCSS4987	soil	EL6003	750500	6062490	0.004
MCSS4988	soil	EL6003	750500	6062530	0.008
MCSS4989	soil	EL6003	750500	6062570	0.009
MCSS4990	soil	EL6003	750500	6062610	0.01
MCSS4991	soil	EL6003	750600	6062570	0.003
MCSS4992	soil	EL6003	750600	6062530	0.002
MCSS4993	soil	EL6003	750600	6062490	0.02
MCSS4994	soil	EL6003	750600	6062450	0.004
MCSS4995	soil	EL6003	750600	6062410	-0.002
MCSS4996	soil	EL6003	750600	6062370	0.005
MCSS5010	soil	EL6003	751900	6062610	0.003
MCSS5011	soil	EL6003	751900	6062530	0.002
MCSS5012	soil	EL6003	751900	6062450	0.01
MCSS5013	soil	EL6003	751900	6062370	0.007
MCSS5014	soil	EL6003	751900	6062290	0.003
MCSS5015	soil	EL6003	751900	6062210	-0.002
MCSS5016	soil	EL6003	751900	6062130	0.008
MCSS5017	soil	EL6003	751900	6062050	0.02
MCSS5018	soil	EL6003	751900	6061970	0.21
MCSS5019	soil	EL6003	751900	6061890	-0.002
MCSS5020	soil	EL6003	752000	6061870	0.002
MCSS5021	soil	EL6003	752000	6061950	0.02
MCSS5022	soil	EL6003	752000	6062030	0.01
MCSS5023	soil	EL6003	752000	6062110	0.01
MCSS5024	soil	EL6003	752000	6062190	0.005
MCSS5026	soil	EL6003	752000	6062270	0.005
MCSS5027	soil	EL6003	752000	6062350	0.004
MCSS5028	soil	EL6003	752000	6062430	0.003
MCSS5029	soil	EL6003	752000	6062510	-0.002
MCSS5030	soil	EL6003	752000	6062590	0.01
MCSS5031	soil	EL6003	752100	6062470	-0.002
MCSS5032	soil	EL6003	752100	6062390	0.52
MCSS5033	soil	EL6003	752100	6062310	-0.002
MCSS5034	soil	EL6003	752100	6062230	0.006
MCSS5035	soil	EL6003	752100	6062150	0.005
MCSS5036	soil	EL6003	752100	6062070	0.004
MCSS5037	soil	EL6003	752100	6061990	0.004
MCSS5038	soil	EL6003	752100	6061910	0.02
MCSS5055	soil	EL6003	752200	6062350	0.09

MCSS5056	soil	EL6003	752200	6062270	-0.002
MCSS5057	soil	EL6003	752200	6062190	0.003
MCSS5058	soil	EL6003	752200	6062110	0.005
MCSS5059	soil	EL6003	752200	6062030	0.003
MCSS5060	soil	EL6003	752200	6061950	0.006
MCSS5061	soil	EL6003	752200	6061870	0.002
MCSS5091	soil	EL6003	752300	6061920	0.005
MCSS5092	soil	EL6003	752300	6062000	0.004
MCSS5093	soil	EL6003	752300	6062080	0.002
MCSS5094	soil	EL6003	752300	6062160	-0.002
MCSS5095	soil	EL6003	752300	6062234	0.06
MCSS5096	soil	EL6003	752400	6062030	0.003
MCSS5097	soil	EL6003	752400	6061950	0.007
MCSS5098	soil	EL6003	752400	6061870	0.003
MCSS001469	soil	EL6003	749913	6064104	-0.001
MCSS001470	soil	EL6003	749913	6064144	-0.001

JORC "Table 1" for soil sampling at Doubloon.

### Section 1 Sampling Techniques and Data

Criteria	Explanation
<b>Sampling Techniques</b>	Soil Sampling; <ul style="list-style-type: none"> <li>• Sample spacing - north-south grid of 80m spaced lines and 40m sample spacing along the line. Alternate lines were offset by 20m.</li> <li>• Sample Location – the sample grid was pre-determined and the sample location points loaded into a hand held GPS which was used to navigate from point to point.</li> <li>• Sample collection – samples collected using a petrol powered soil auger with 90mm auger bit. A hole was drilled through the sandy topsoil into the underlying clay material or decomposed granodiorite, generally at a depth of between 45 and 60cm. maximum depth of sample was 60cm. Approximately 1kg of the clayey material was collected in a pre-numbered calico bag.</li> <li>• Sample Information – Sample sheets were prepared which included the sample number and location. Additional information about each sample was recorded on the sampling sheet by the field team. This included sample depth, colour and nature of the material such as “orange brown clay”, outcrop or old workings present. If the clay layer was not intersected, this was noted on the sample sheet, and a sample from the bottom of the hole at 60cm was collected.</li> </ul>
<b>Drilling techniques</b>	NA
<b>Drill Sample Recovery</b>	NA
<b>Logging</b>	<ul style="list-style-type: none"> <li>• Information about each sample was recorded on the sampling sheet by the field team. This included sample depth, colour and nature of the material such as “orange brown clay”, outcrop or old workings present. If the clay layer was not intersected, this was noted on the sample sheet, and a sample from the bottom of the hole at 60cm was collected.</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	Soil Sampling; <ul style="list-style-type: none"> <li>• No subsampling of the soil sample was carried out prior to delivery to the laboratory.</li> <li>• Sample Preparation – Sample preparation was conducted by ALS</li> </ul>

	<p>Minerals in their Orange, Brisbane and Townsville laboratories. The entire sample was dried and pulverised to 85% passing -75um. A 50g subsample was taken for fire assay for low level Au. For Trace elements, a 0.25g subsample was digested using a 4 acid digestion.</p> <ul style="list-style-type: none"> <li>ALS maintain internal Quality Assurance systems and Quality Control protocols for sample preparation and operate under ISO9001 and ISO/IEC 17025:2005.</li> <li>Sample Representivity – no field duplicate sampling or duplicate analysis was carried out.</li> <li></li> </ul>
<b>Quality of assay data and laboratory tests</b>	<p>Soil Sampling;</p> <ul style="list-style-type: none"> <li>Sample Analysis – Sample analysis was conducted by ALS Minerals in their Orange, Brisbane and Townsville laboratories. Au was analysed by 50g fire assay with AAS finish, method Au-AA22. Trace elements were analysed using a 4 acid digestion followed by ICP-AES for Cu, Pb, Zn, Ca, Fe, S (method ME-ICP61) and ICP-MS for Ag, As, Bi, Mo, Sb, Te (method ME-MS62).</li> <li>The analytical technique is considered to be a near total digest</li> <li>Quality Control – Multi element Certified Reference Materials (Standards) with appropriate Au and trace element values were included in the sample sequence at the approximate rate of 1 in 50 samples.</li> <li>The standard results in the assay certificates are routinely checked against the certified values and any large discrepancies notified to the laboratory for checking and re-analysis if necessary.</li> </ul>
<b>Verification of sampling and assaying</b>	
<b>Location of data points</b>	<p>Soil Sampling</p> <ul style="list-style-type: none"> <li>Sample locations determined using hand held GPS with accuracy of approximately +/- 3m</li> </ul>
<b>Data spacing and distribution</b>	
<b>Orientation of data in relation to geological structure</b>	
<b>Sample security</b>	
<b>Audits or reviews</b>	

## Section 2 Reporting of Exploration Results

Criteria	Explanation
<b>Mineral tenement and land tenure status</b>	<p>Soil Sampling</p> <ul style="list-style-type: none"> <li>Exploration Licences 6462 and 6003 held by Big Island Mining Pty Ltd a wholly owned subsidiary of Unity Mining Ltd.</li> <li>EL6003 is current with an expiry date of 2/10/2015</li> <li>EL6462 is currently being renewed.</li> <li>Land Tenure is freehold.</li> <li>Native Title is extinguished by the Freehold title</li> </ul>
<b>Exploration done by other parties</b>	
<b>Geology</b>	<p>Soil Sampling</p> <p>The exploration area is underlain by the Devonian Braidwood Granodiorite comprising biotite granodiorite and hornblende granodiorite. The style of mineralisation being explored for is similar to that at the Dargues Gold Mine, disseminated sulphides containing Au in altered granodiorite lodes, and Majors Creek style mineralisation, auriferous quartz veins in granodiorite. The mineralisation model is Intrusive Related Gold.</p>
<b>Drill hole</b>	NA

<b>information</b>	
<b>Data aggregation methods</b>	NA
<b>Relationship between mineralisation widths and intercept lengths</b>	NA
<b>Diagrams</b>	Location of the soil grid is shown in the main report text.
<b>Balanced reporting</b>	All soil results in the area have been reported in the table above.
<b>Other substantive exploration data</b>	NA
<b>Further work</b>	A substantial amount of drilling is required to establish the continuity of any possible mineralisation in the area.

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