



# **ANNUAL TECHNICAL REPORT**

**MLN 1059**

## ***Moline Group of Deposits***

**Mount Evelyn: 1:250, 000**

**Ranford Hill: 1:100,000**

**16 August 2010 to 15 August 2011**

Distribution:-

1. DoME Darwin, NT
2. Crocodile Gold Australia, Humpty Doo
3. Crocodile Gold Australia, Brocks Creek

Mark Edwards  
November 2012

# TABLE OF CONTENTS

<b>1</b>	<b>EXECUTIVE SUMMARY .....</b>	<b>3</b>
<b>2</b>	<b>INTRODUCTION.....</b>	<b>4</b>
<b>3</b>	<b>LOCATION AND ACCESS.....</b>	<b>4</b>
<b>4</b>	<b>TENEMENT DETAILS .....</b>	<b>4</b>
<b>5</b>	<b>GEOLOGICAL SETTING.....</b>	<b>6</b>
5.1	Regional Geology .....	6
5.2	local geology.....	7
<b>6</b>	<b>PREVIOUS EXPLORATION.....</b>	<b>8</b>
<b>7</b>	<b>EXPLORATION ACTIVITY 16 AUGUST 2010 TO 15 AUGUST 2011 .....</b>	<b>10</b>
<b>8</b>	<b>RECOMMENDATIONS AND CONCLUSIONS.....</b>	<b>12</b>
<b>9</b>	<b>REFERENCES.....</b>	<b>13</b>
<b>10</b>	<b>Appendix 1 – grab samples.....</b>	<b>14</b>

## 1 EXECUTIVE SUMMARY

MLN 1059 is a strategic project within Crocodile Gold Australia's portfolio which is located about 240 km SE of Darwin. It covers Moline Gold Field (e.g Hercules, School, Moline and Tumbling Dice) which is located about 220 km SE of Darwin. Crocodile Gold purchased this tenement from the receivers of GBS Gold. Transfer of the title was not completed until August 2011 due to issues outside the control of Crocodile Gold. During the reporting period this title was under the name of Michael Teelow but was managed by Crocodile Gold.

The tenement encompasses a suite of meta-sedimentary rocks which belong to the Burrell Creek and Mt Bonnie Formations. Locally these rocks are isoclinally folded with fold axes plunging at shallow angles to the south east. Mineralisation is found in zones of pyrite, quartz, and brecciated country rock with minor veinlets of sphalerite, tetrahedrite, arsenopyrite, chalcopyrite and carbonates.

During the reporting period, Crocodile Gold Australia conducted several visits to the project. During these visits a large potential stockpile was noted and sampled, including some metallurgical testing. Due to the success of this sampling the stockpile was then transported to the Union Reefs processing plant for milling.

The company also commenced the preparations of a Mine Management Plan as required under the Mining Act.

Crocodile Gold has also commenced "due diligence" on the project area. The Moline project will remain under review and on availability of financial resources, a campaign of in-fill soil sampling will be carried out, and if new targets are identified that will lead to RC drilling. This work is planned over the coming years as this project area is significant in size and requires a great deal of preparation of data and reports. This will assist with all future exploration on this title.

## **2 INTRODUCTION**

Moline Gold Field is located within MLN 1059 which covers a number of abandoned gold mines/pits which were last worked out in 1990's. This report describes exploration activity undertaken during the reporting period ended on 15 August 2011.

## **3 LOCATION AND ACCESS**

MLN 1059 is located about 200km SE of Darwin. Access is from Pine Creek (220km SE of Darwin) along the Kakadu Highway (approximately 45km east of Pine Creek). Access to MLN1059 is via the main haul road, old mining tracks and station tracks (Figure 1). Within the tenements access is possible by the well-established tracks, developed during previous exploration and mining operations.

Topography consists of low hills and ridges, usually with good rock outcrop, which drain into the Mary River via Bowerbird, Evelyn, Eureka and O'Neil Creeks. The Mary River forms the northern boundary of EL24127, and the Wandie Creek is close to the southern boundary of the tenement group. Vegetation consists of open savannah woodlands.

## **4 TENEMENT DETAILS**

MLN 1059 is held by Crocodile Gold Australia along with other exploration licences in the area (Figure 1). It was granted on 16 August 1990 and will expire on 15 August 2015. An option agreement dated 30 October 2003 and a Deed of Variation dated 12 November 2004 gave GBS subsidiary Terra Gold Mining Limited rights to explore and purchase the tenement. GBS Gold Australia commenced proceedings to purchase the tenement, however, in September 2008 the company went into voluntary administration. Crocodile Gold Australia acquired the optional rights over MLN 1059 on 9 November 2009, after purchasing assets held by GBS Gold Australia (liquidated). Due to issues outside the control of Crocodile Gold this title could not be transferred to the company until August 2011. Crocodile Gold is manage the title though.

Underlying the tenement is the Mary River Wildlife Ranch Pty Ltd (No. 1631) for the whole area, except for a small portion of Crown Lease (CLP1617) held by the Moline Golf Club (Inc).

Figure 1 shows the location of MLN1059.

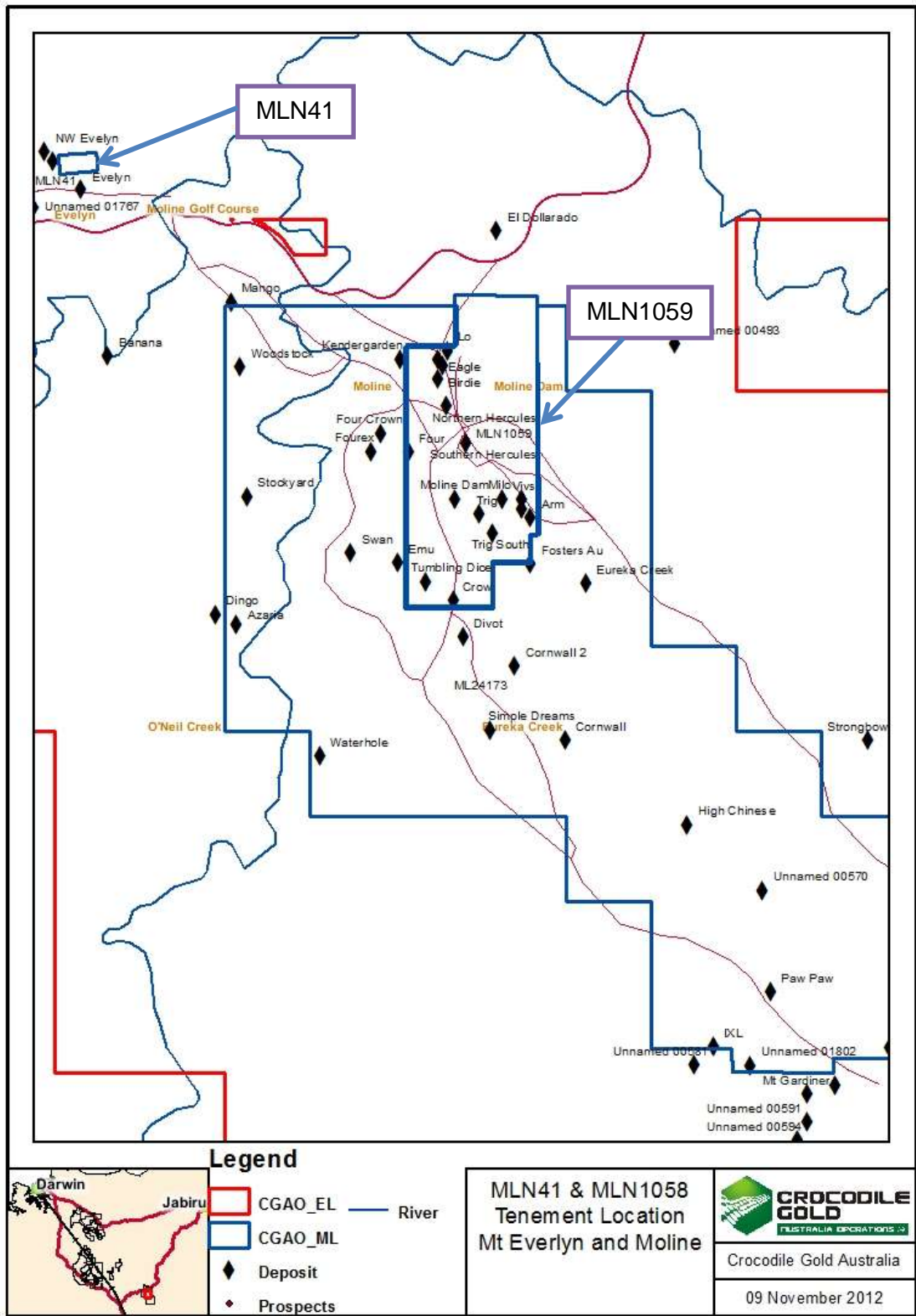


Figure 1: Moline Mining Title locations

## 5 GEOLOGICAL SETTING

### 5.1 REGIONAL GEOLOGY

MLN 1059 is situated within the central region of the Pine Creek Orogen, which is characterised by open to tight, upright N to NW-trending folds of the Palaeoproterozoic meta-sedimentary and volcanic rocks (Ferenczi and Sweet, 2005). The geology within the tenement areas is shown in Figure 2. NW-trending overturned anticlines of Mt Bonnie Formation sediments dominate the central tenements, with some exposures of refolded Gerowie tuff further to the northwest. Folded Burrell Creek Formation sediments are the dominant lithology further north and south on EL's 24127, 24262, 22966, 22967 and 22968. Portions of McCarthys Granite are mapped on EL24262, and Allamber Springs Granite is recorded on the western boundaries of EL's 22970 and 24127. The Bludells Dolerite is mapped as a wormlike body within the Allamber Springs Granite on EL24127, and is considered to be a mafic end-member of the host pluton (Stuart-Smith et al., 1993). Mineralogical evidence suggests that these rocks predate the host granite intrusions, and may represent remnant rafts of Zamu Dolerite.

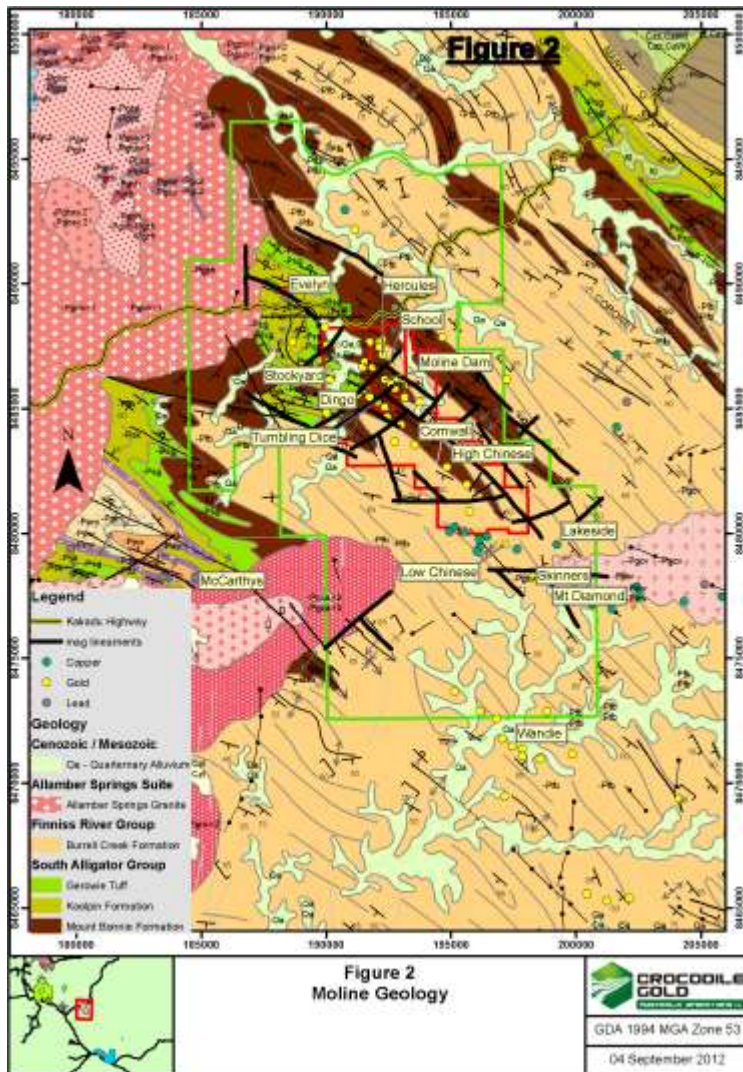


Figure 2: Moline District Geology

## 5.2 LOCAL GEOLOGY

The area around the Moline Pits is dominated by two main sequences of meta-sediments of the South Alligator Group and Finnis River Group (Figure 3). An upper sequence of thickly bedded greywackes and siltstones of the Burrell Creek Formation and a lower sequence of thinly bedded cherty shale and carbonaceous shales of the Mt Bonnie Formation. Mineralisation is found within both units. Within MLN 1059 meta-sediments are isoclinally folded about axes plunging at low angles towards the southeast. These folds are intersected by west dipping shear zones trending between NW-SE to N-S which control the ore shoots hosting pyrite, gold and base metal mineralisation. Steeply dipping, northwest trending shears, parallel to fold axial planes, are common. Some steep northeast trending, cross faults, are also present (and outcrop in the west wall at the south end of the pit) and post date the mineralisation.

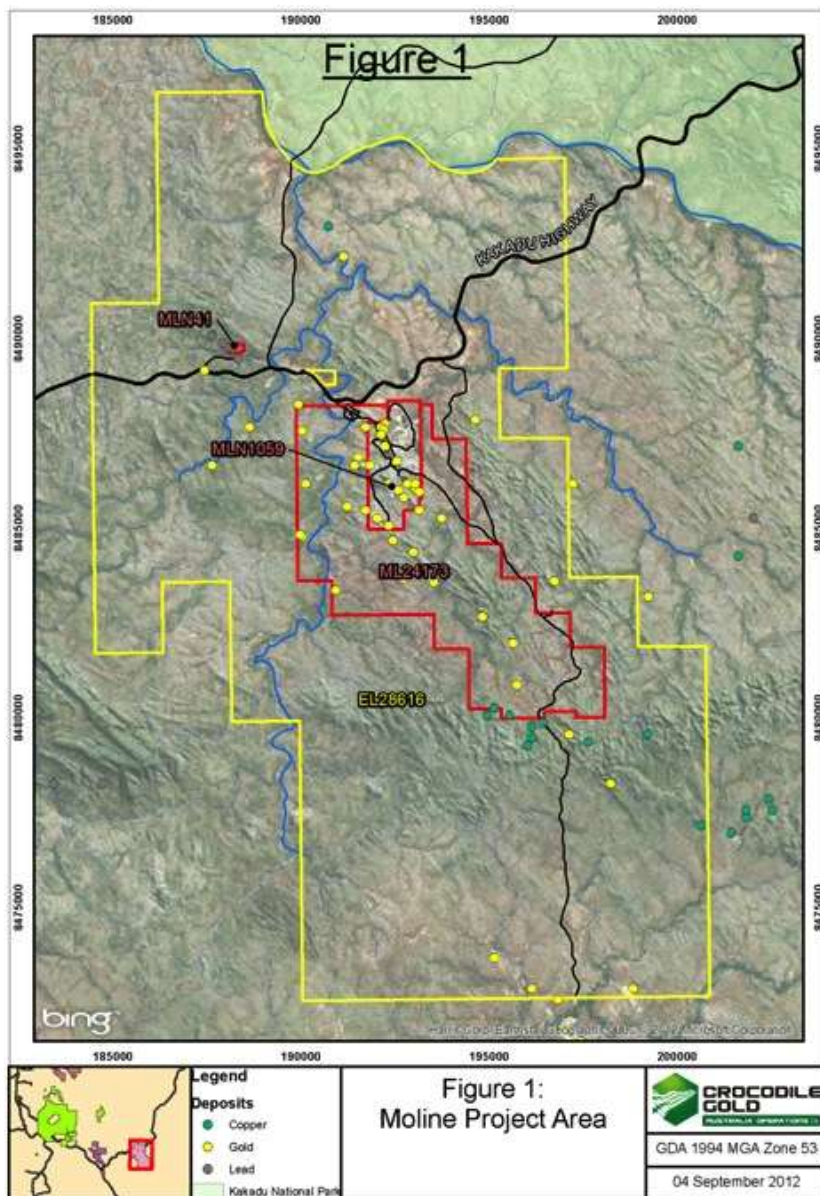


Figure 3: Prospects and deposits for Moline Project Area

The Hercules shear which contained the Hercules Reef cross cuts the stratigraphy and trends 345 magnetic in the north of the pit, but swings to trend 315 magnetic (sub parallel to stratigraphy and locally known as the Carolina Reef) in the south of the pit and continues through School Pit. This structure is mineralised over 3km strike length and dips steeply (average 65 degrees) to the west. Ore shoots pinch and swell both down dip and along strike. There are at least two sub parallel but weaker mineralised shears in the hanging wall.

The Hercules pit contains three ore shoots that pitch south at shallow angles. The two southern shoots are hosted by greywacke/siltstone beds within a synclinal fold plunging to the SE across the pit, while the northern shoot is contained within the carbonaceous shales and cherts. Shoots are probably part of a shear-link or dilational-jog structure within the trend of the shear.

Mineralisation in the Hercules Reef is in dilational breccia zones filled with pyrite, quartz, country rock fragments and variable veinlets of sphalerite, tetrahedrite, arsenopyrite, chalcopyrite and carbonates. Gold occurs as fine particles (1-25 microns) within micro-fractures in pyrite and within grains of sphalerite, pyrite and galena. High copper is associated with higher gold values.

## 6 PREVIOUS EXPLORATION

Previous exploration activities have been closely related to historical mining activities which are outlined below. Below is extracted from Mattinson and Orridge, 2005

*Gold was first reported at Moline in the 1880's as Housechildt's Rush. It was initially worked by the Chinese in small open pits, and selected ore was crushed by hand. Extensive Chinese diggings formerly extended along the three reef lines at Northern Hercules, as a warren of diggings over the ridges later developed as Moline and Tumbling Dice pits, and as less intensive workings at many other sites, including Dingo, High Chinese and Low Chinese. The two latter prospects were notable for widespread workings of alluvial gold.*

*Between 1891 and 1900 the Northern Hercules eastern reef was worked underground down to 218 feet(66m). Cyanidation of the tailings was commenced in 1898. By 1900 it was found that the pyritic ore in the deeper levels could not be satisfactorily treated and the mine was closed. Recorded production in this period was 21,547 oz of bullion from 10,341 tons of ore (possibly incomplete record) including cyanidation.*

*Underground mining was resumed in 1934-37, and again in 1954 when driving and detailed sampling of backs extended to the 300ft (92m) and 400ft (122m) levels. Production from 1954 -1957 was 27,374 tons yielding 11,266oz of gold.*

*Between 1981 and 1989 a consortium, including Greenbushes, Amoco and Cyprus, undertook extensive exploration for gold in the region centred on Moline. Work included regional geological mapping, aeromagnetic surveys, extensive rock chip sampling and wide-spaced reconnaissance soil sample traversing, This work quickly led to the identification of all the presently known ore bodies and prospects, most of which had easily recognized surface expressions of siliceous scorodite-stained gossans, commonly*



*forming ridge features, and often with old diggings dating back to the 1800's, Prospects were subjected to detailed follow up of soil sampling, ground magnetics, trenching and RC drilling. Airtrack drilling and ditchwitch trenching were commonly employed to delineate reserves in the oxide zone. About thirty prospects were developed to the drilling stage, and twenty two were brought into production. Open pit mining started in February 1989 and the mine closed in February 1992 having produced approximately 1.6 million tonnes of ore with an average recovery grade of 2.14 g/t Au. The bulk of the ore came from four main pits, namely Northern Hercules, Moline, School and Tumbling Dice, Small tonnages were taken from eighteen other pits. Northern Hercules, Moline and School were mined to the upper part of the sulphide zone, about 50-60m below the original surface; the remaining pits were worked only in the oxide zone.*

*After mining ceased, exploration of the properties was carried out by a number of Companies under joint venture or option agreements.*

*Newmont Mining in 1992/93, carried out detailed ground magnetic survey of some 22 square kilometres surrounding the main mines and prospects, and additional regional mapping. Evaluations of a number of selected magnetic anomalies failed to identify any new drilling targets. Three deep core holes were drilled beneath open pits at Moline and Tumbling Dice to test stratigraphy and magnetic anomalism.*

*Aztec in 1993/94 concentrated on base metal potential in the northwest, and undertook additional regional mapping and compilations of previous geochemical data, and drilled two RC holes at Cowbell base metal prospect.*

*In 1995 Compass Resources reviewed previous exploration and mining, and followed up with BLEG gold geochemistry of peripheral drainage areas, detailed soil sampling in selected areas of shallow soil cover, and RC drilling at High Chinese, Paw Paw and Strongbow prospects. Broad intervals of low gold values (0.1-1.0g/t) were met with in drilling all three prospects, and two intercepts of potentially economic grade (viz. 2m @ 33.5g/t and 8m @ 4.05g/t) were made at High Chinese.*

*Between 1996 and 2001 Northern gold digitized and recompiled previous data and carried out extensive regional and local soil geochemical surveys. RC drilling at Low Chinese and Moline North (base metal) prospects failed to make economic intercepts.*

*During 2005 the tenement was managed by GBS and the work consisted of a preliminary review of previous work, which focussed on the gold mineralisation and drill results. During the second year of tenure, the work consisted of a further review of previous work, compilation of a geochemical database, drill hole planning and field mapping.*

*Reporting period ending on 15 August 2006 saw exploration activity on ground with the drilling of four diamond drill holes and assaying the sample retrieved from drill holes within the project area. Significant assay results are given below.*

- In RC pre-collars best results are MEX003 2m@3.26g/t Au from surface and MEX001 2m@3.2g/t Au from 8m.**
- In HQ Diamond Core best results are MEX004 0.86m@6.53g/t Au from 70m and 0.97m@8.45g/t Au from 88.3m, in MEX003 2.09m@1.12g/t Au and 1.98m@4.45g/t Au from 194 and 203m respectively.**

During 2006-08, a total of 8 soil samples were collected from the tenements and analysed for Au, Cu, Pb, Zn and As. These samples came from the south-eastern corner of MLN 1059. Au ranges from 22 ppb to 90 ppb; sample EX2408 recorded 0 concentration of Au. EX2410 shows the highest concentration of Au, AS, Cu, Pb and Zn indicating a close association of base metals with gold mineralisation.

During 2008-09 the project was reviewed and a valuation of the tenement was undertaken. MLN 1059 ranked highly due to significant potential it has for gold mineralisation. In April 2009, Crocodile Gold Australia announced to acquire all assets held by GBS Gold Australia (liquidated). After regulatory and statutory approval, now all assets including optional rights on MLN 1059 have been transferred to Crocodile Gold Australia. Currently, Crocodile Gold Australia is in the final stage of executing the purchase agreement regarding MLN 1059 with the tenement holder.

Other activities during the reporting period are:

- **Reconnaissance visit**
- **Technical review of the tenement**
- **Planning for up-coming field season**
- **Report writing and tenement management activities.**

No work was completed between 2009 and early 2010

## **7 EXPLORATION ACTIVITY 16 AUGUST 2010 TO 15 AUGUST 2011**

During the reporting period a series of sampling campaigns were completed around MLN1059 resulting in previously mined material being identified as ore grade material suitable for processing through the Union Reefs plant

During the year a total of 367 grab samples were taken from the stockpile located on the Moline ROM, some of this material had previously been hauled by another company. Testwork suggested the mineralised material would average around 1g/t and was suitable to processing at the Union Reefs plant.



Figure 4: Moline Grab samples 2010 and 2011

To verify the processing performance one initial sample was supplied to NAL in Pine Creek for a bottle roll test. This work suggested a recovery in the order of 83.1% would be possible.

It was decided that with the potential head grades and recoveries in the order of +80% a batch of material should be transported to the Union Reefs processing plant to trail it through the mill. In July and August a total of around 10,000 tonnes of material was hauled and processed. Overall performance of this material was an average grade of around 0.90g/t and a recovery in the order of 80%

To further test this recovery two composite samples were supplied to Ammtec in Perth for metallurgical testing, the first suggested a similar result to the first bottle roll and the second showed a very low recovery was possible. These samples were taken from the processing plant from the trail batch that went through, samples were collected as belt cuts through the crushing and grinding circuit.

Sample	Grind Size P80	Recovery	Calc Head Grade
Moline Composite 1	106um	85.21%	2.37g/t
Moline Composite 1	75um	86.12%	2.31g/t
Moline Composite 2	106um	15.92%	1.84g/t
Moline Composite 2	75um	40.77%	2.68g/t

It was then decided that the ore should be suitable for further milling so additional material was planned to be processed in the next year.

Additional work completed during the year was the construction of a Mine Management Plan (MMP) for the Moline Project, this included the re-handling of the Moline Stockpile. This was the first MMP to be completed by Crocodile Gold due to the transfer issues noted above

## **8 RECOMMENDATIONS AND CONCLUSIONS**

A VTEM survey is planned over the Moline Project area for the 2011 season which will include this title. Other work planned includes field visits to the tenement as well as a detailed review and reporting of the potential for Evelyn and its surrounding deposits.

Additional sampling may also be required around other stockpiles. If successful then these stockpiles may be processed at the Union Reefs facility.

Crocodile Gold also needs to assess the Mineral Resource potential for the Moline Project, as most deposits were only mined to the base of oxidation, with the current plans for the Maud Creek deposit there may be potential to exploit the Resources of Moline using a similar process

A budget of \$10,000 is planned for this title during the coming year

## 9 REFERENCES

- Bajwah, Z.U., 2009, *Annual Report on MLN 1059; Moline; Year Ending 15 August 2010. Crocodile Gold Australia Annual report submitted to DoR.*
- Ferenczi, P.A., and Sweet, I.P., 2005. 1:250 000 Geological Map Series Explanatory Notes, Mount Evelyn SD 53-05. *Northern Territory Geological Survey.*
- Mattison, P. Orridge, G. 2005. *Information Memorandum, Moline Gold Mine Northern Territory Australia for Terra Gold Mining Ltd, Unpublished internal memo.*
- Mottram, N., 1999. MCN 1866-71, 1897-1901, 1925-27, 2435-38, 2447-57, 2461, 2948, 2953, 2958-61, 2966, 3062, 3063, 3089-93, 3096-98, 3181-87, 3998-4003, 4008-11, 4908-22 and MLN1059 Moline Project Area 1998/1999 Annual Report for year ending 15<sup>th</sup> July 1999; *Northern Territory Geological Survey Company Report*
- Orridge, G.R., 2005. Annual Report on activities for MLN1059 year ending 15<sup>th</sup> August 2005, *Northern Territory Geological Survey Company Report CR2005-0473.*
- Smith, B.G., 2006. Annual Exploration Report, Combined Technical Reporting for EL's 22966, 22967, 22968, 22970, 23605, 24127 and 24262, for period ending May 1<sup>st</sup> 2006; *Northern Territory Geological Survey Company Report.*
- Stuart-Smith, P.G., Bagas, L., and Needham, R.S., 1988. 1:100,000 Geological Map Commentary, Ranford Hill, Northern Territory data record. *Bureau of Mineral Resources, Geology and Geophysics, Australian Govt Publishing Service, Canberra.*
- Stuart-Smith, P.G., Needham, R.S., Page R.W., and Wyborn L.A.I., 1993. Geology and mineral deposits of the Cullen Mineral Field. *Bureau of Mineral Resources Australia, Bulletin 229.*

## 10 APPENDIX 1 – GRAB SAMPLES

east	north	NAL_Au1	NAL_Au2	east	north	NAL_Au1	NAL_Au2
192675.02	8486988.61	12.6	14.8	192678.94	8486905.67	1.32	
192678.97	8486989.24	0.57		192682.89	8486906.30	0.31	0.31
192668.24	8486981.64	0.18		192686.84	8486906.93	1.43	1.04
192672.19	8486982.27	0.11	0.1	192690.79	8486907.56	3.9	4.19
192676.14	8486982.90	0.08		192694.74	8486908.19	1.35	
192680.09	8486983.52	-0.01		192664.83	8486894.44	0.44	
192661.55	8486974.12	6.26	5.3	192668.78	8486895.07	0.89	
192665.50	8486974.75	0.21		192672.73	8486895.70	24.2	25.6
192669.45	8486975.37	0.43		192676.68	8486896.33	1.25	1.65
192673.40	8486976.00	0.05		192680.63	8486896.96	1.6	1.35
192677.35	8486976.63	0.26		192684.58	8486897.58	1.27	
192681.30	8486977.26	1.65	1.71	192688.53	8486898.21	0.5	
192663.63	8486963.44	0.29	0.24	192692.48	8486898.84	0.55	
192667.58	8486964.07	0.12		192696.43	8486899.47	0.26	
192671.53	8486964.70	0.21		192658.39	8486885.66	1	
192675.48	8486965.33	0.04		192662.34	8486886.29	6.29	5.67
192679.43	8486965.96	7.95	8.37	192666.29	8486886.92	0.64	
192683.38	8486966.58	0.47		192670.24	8486887.55	0.57	
192665.42	8486954.21	0.98		192674.19	8486888.18	1.05	1.07
192669.37	8486954.84	4.75	4.67	192678.14	8486888.80	0.38	
192673.32	8486955.47	0.86		192682.09	8486889.43	0.65	
192677.27	8486956.10	1.04		192686.04	8486890.06	4.31	4.48
192681.22	8486956.73	57	65.5	192689.99	8486890.69	0.76	
192685.18	8486957.36	0.2		192693.94	8486891.32	0.99	
192671.25	8486945.18	0.88		192697.89	8486891.95	1.27	1.06
192675.20	8486945.81	0.41		192652.04	8486876.44	0.84	
192679.15	8486946.44	0.13		192655.99	8486877.06	2.48	2.21
192683.10	8486947.07	0.2	0.15	192659.94	8486877.69	0.31	
192687.05	8486947.69	13	11.6	192663.89	8486878.32	1.04	
192672.73	8486937.57	0.98		192667.84	8486878.95	0.85	0.91
192676.68	8486938.20	0.56		192671.79	8486879.58	3.39	3.55
192680.63	8486938.83	0.27		192675.74	8486880.21	0.78	
192684.58	8486939.46	11.1	9.1	192679.69	8486880.84	0.28	
192688.53	8486940.09	0.33		192683.64	8486881.46	0.88	
192670.81	8486926.52	1.48		192687.59	8486882.09	1.04	1.05
192674.76	8486927.15	1.55	1.42	192691.54	8486882.72	0.41	
192678.71	8486927.78	0.39		192695.49	8486883.35	0.18	
192682.66	8486928.41	0.44		192677.63	8486996.15	0.99	
192686.61	8486929.04	3.45		192670.38	8486987.87	0.66	
192690.56	8486929.66	0.25		192663.84	8486980.94	1.8	2
192668.96	8486915.07	2.5	2.49	192658.04	8486973.56	0.03	

east	north	NAL_Au1	NAL_Au2
192672.91	8486915.70	0.3	
192676.86	8486916.33	0.59	
192680.81	8486916.96	0.22	
192684.76	8486917.59	1.41	
192688.71	8486918.22	1.63	1.43
192692.66	8486918.84	0.27	
192671.03	8486904.42	2.72	2.78
192674.98	8486905.04	1.43	1.35
192656.30	8486885.33	0.62	
192648.82	8486875.92	1.07	0.88
192699.44	8486883.98	0.08	
192333.44	8486614.85	0.86	0.87
192332.75	8486614.50	-0.01	
192331.97	8486614.11	0.09	0.07
192331.25	8486613.75	0.51	0.42
192330.68	8486613.46	-0.01	
192329.95	8486613.09	-0.01	
192329.29	8486612.75	0.1	
192328.52	8486612.36	-0.01	
192327.83	8486612.01	-0.01	
192327.16	8486611.67	-0.01	-0.01
192326.47	8486611.32	-0.01	
192325.78	8486610.98	-0.01	
192325.11	8486610.63	-0.01	
192324.44	8486610.30	0.07	
192323.81	8486609.98	-0.01	
192323.22	8486609.68	-0.01	
192322.59	8486609.36	-0.01	
192315.39	8486605.58	0.05	
192314.85	8486605.26	-0.01	-0.01
192314.25	8486604.91	0.04	
192313.62	8486604.54	1.01	1.07
192313.08	8486604.23	0.51	0.44
192312.31	8486603.77	0.35	
192311.61	8486603.36	0.09	
192310.91	8486602.95	0.32	0.25
192310.23	8486602.55	0.15	
192309.53	8486602.14	0.12	0.12
192308.85	8486601.74	0.22	
192308.17	8486601.35	0.32	
192307.37	8486600.87	0.12	
192306.61	8486600.43	0.24	
192305.89	8486600.01	1.02	0.91

east	north	NAL_Au1	NAL_Au2
192658.78	8486962.67	0.2	
192661.62	8486953.61	2.86	2.45
192666.93	8486944.49	0.28	
192668.99	8486936.98	0.56	
192667.54	8486926.00	2.08	2.03
192667.65	8486914.86	0.15	
192666.07	8486903.63	0.82	
192663.69	8486894.26	0.83	
192289.39	8486591.07	-0.01	
192281.29	8486586.29	-0.01	
192280.78	8486585.99	0.54	0.57
192280.20	8486585.66	1.07	1.04
192279.73	8486585.39	1.41	1.21
192279.10	8486585.02	1.28	1.26
192278.51	8486584.69	0.54	0.47
192277.98	8486584.38	0.93	1.08
192277.35	8486584.02	0.27	
192276.82	8486583.71	0.62	0.72
192276.14	8486583.32	0.21	
192275.48	8486582.94	0.32	
192274.83	8486582.56	0.34	
192274.23	8486582.22	-0.01	-0.01
192273.62	8486581.87	1.55	1.45
192272.96	8486581.49	1.27	1.35
192272.47	8486581.21	0.73	0.75
192271.92	8486580.89	0.22	
192271.24	8486580.50	1.27	1.3
192270.63	8486580.15	0.05	
192270.04	8486579.81	0.47	
192262.87	8486573.16	0.17	
192262.37	8486572.91	-0.01	-0.01
192261.78	8486572.62	0.36	
192261.15	8486572.32	0.2	
192260.58	8486572.03	0.19	
192259.93	8486571.72	0.25	
192259.37	8486571.44	0.07	
192258.80	8486571.16	0.41	
192258.21	8486570.87	0.05	
192257.69	8486570.62	0.12	0.1
192257.05	8486570.30	0.06	
192256.48	8486570.02	-0.01	
192255.86	8486569.72	0.85	0.82
192255.28	8486569.43	0.32	

east	north	NAL_Au1	NAL_Au2		east	north	NAL_Au1	NAL_Au2
192298.93	8486596.49	-0.01			192254.69	8486569.14	0.02	
192298.36	8486596.17	0.23			192254.04	8486568.83	0.47	0.46
192297.73	8486595.81	0.21	0.09		192253.46	8486568.54	0.06	
192297.05	8486595.42	0.12			192252.94	8486568.28	0.24	0.23
192296.33	8486595.01	0.29			192252.36	8486568.00	0.16	
192295.56	8486594.58	0.17			192251.80	8486567.73	0.68	0.82
192294.83	8486594.16	0.04			192060.96	8485490.22	0.4	
192294.15	8486593.78	0.19			192061.00	8485488.82	0.41	0.57
192293.46	8486593.39	-0.01			192061.03	8485487.42	0.15	
192292.76	8486592.99	0.25			192061.07	8485485.83	0.28	
192292.11	8486592.62	0.06	0.04		192061.11	8485484.24	0.15	
192291.43	8486592.23	0.11	0.09		192061.15	8485482.84	0.1	0.08
192290.77	8486591.86	0.1			192061.19	8485481.41	0.2	
192290.13	8486591.49	-0.01			192061.22	8485480.14	0.07	
192061.25	8485478.82	0.82	0.67		192085.34	8485374.92	0.14	
192061.29	8485477.21	0.88	1.16		192085.73	8485373.45	0.09	
192061.34	8485475.54	0.57			192085.90	8485372.79	0.4	
192061.39	8485473.68	0.46			192086.31	8485371.21	0.58	0.56
192061.43	8485471.86	0.43	0.51		192086.51	8485370.44	0.44	0.52
192061.48	8485470.01	0.26	0.21		192086.89	8485369.01	0.22	0.19
192061.53	8485468.23	0.15			192087.09	8485368.22	0.56	0.67
192061.58	8485466.31	0.08			192087.29	8485367.48	0.29	
192063.31	8485453.71	0.03			192087.47	8485366.76	1.47	1.13
192063.77	8485452.36	0.15			192087.67	8485366.01	0.27	
192064.27	8485450.92	0.04			192087.85	8485365.32	0.86	1.28
192064.78	8485449.43	1.22	1.1		192088.06	8485364.50	0.58	
192065.27	8485447.98	0.29	0.27		192088.26	8485363.76	4.3	4.2
192065.77	8485446.52	0.31			192091.73	8485350.85	0.2	
192066.02	8485445.80	0.33			192091.99	8485350.13	0.46	0.43
192066.50	8485444.40	7.66	9.44		192092.27	8485349.37	0.8	0.98
192068.88	8485434.97	0.03			192092.61	8485348.45	1.25	1.3
192069.26	8485433.42	0.1			192092.87	8485347.72	-0.01	
192069.49	8485432.51	0.6	0.6		192093.18	8485346.88	-0.01	
192069.72	8485431.61	-0.01			192093.45	8485346.15	-0.01	
192069.92	8485430.78	0.04			192093.71	8485345.44	0.04	
192070.14	8485429.91	-0.01			192094.01	8485344.63	-0.01	
192070.35	8485429.05	-0.01			192094.29	8485343.85	0.53	
192070.59	8485428.09	-0.01			192094.59	8485343.02	0.84	0.68
192071.00	8485426.46	-0.01			192094.87	8485342.28	0.15	
192071.22	8485425.59	-0.01			192095.15	8485341.49	0.9	1.22
192071.60	8485424.07	0.25			192095.43	8485340.74	0.06	
192071.80	8485423.27	0.37	0.35		192095.68	8485340.06	0.02	
192072.04	8485422.30	0.36			192098.11	8485330.67	0.02	



east	north	NAL_Au1	NAL_Au2		east	north	NAL_Au1	NAL_Au2
192072.43	8485420.75	0.03			192098.38	8485329.95	0.17	
192072.61	8485420.01	0.17	0.17		192098.67	8485329.16	0.01	0.01
192073.03	8485418.35	0.41			192098.96	8485328.37	0.25	
192073.24	8485417.50	0.8	0.74		192099.25	8485327.60	0.2	
192075.29	8485409.11	0.77	0.65		192099.57	8485326.74	0.7	0.9
192075.89	8485407.73	0.21			192099.87	8485325.93	0.03	
192076.53	8485406.29	0.75	0.62		192100.18	8485325.09	-0.01	
192077.19	8485404.76	0.4			192100.58	8485324.02	-0.01	
192077.84	8485403.29	0.95	0.91		192100.84	8485323.30	-0.01	
192078.17	8485402.51	0.36			192101.12	8485322.55	0.18	0.19
192078.84	8485400.99	0.31			192101.41	8485321.76	0.01	
192081.75	8485391.74	0.13			192104.77	8485312.47	-0.01	
192082.22	8485390.13	0.13			192105.03	8485311.72	0.07	
192082.67	8485388.58	0.03			192105.36	8485310.75	0.4	
192083.12	8485387.05	0.66	0.55		192105.65	8485309.94	0.45	
192083.57	8485385.51	0.35			192105.94	8485309.09	0.01	
192084.01	8485384.01	0.07	0.06		192106.25	8485308.21	0.11	
192084.45	8485382.49	1.64	1.42		192106.56	8485307.32	0.08	0.06
192084.83	8485381.17	0.15			192106.88	8485306.41	-0.01	
192085.18	8485375.54	0.31			192107.18	8485305.55	0.05	
192107.48	8485304.68	0.04			192298.99	8485025.66	0.06	
192107.78	8485303.82	0.12			192299.68	8485025.17	17.5	11.9
192108.07	8485302.99	0.02			192309.38	8485022.35	0.13	
192264.59	8485082.23	0.23			192310.45	8485021.99	0.52	
192265.09	8485081.48	0.04			192311.33	8485021.68	0.04	
192265.70	8485080.55	0.07	0.06		192312.19	8485021.39	0.15	0.17
192266.19	8485079.80	-0.01			192313.05	8485021.09	0.03	
192266.80	8485078.89	0.07			192313.97	8485020.77	3.73	
192267.39	8485077.98	0.05			192314.87	8485020.46	0.56	0.66
192267.95	8485077.14	-0.01			192315.77	8485020.15	0.06	
192268.47	8485076.35	-0.01			192316.75	8485019.81	0.03	
192272.95	8485068.95	-0.01			192317.67	8485019.50	0.1	
192273.37	8485068.02	-0.01			192318.47	8485019.22	0.24	
192273.81	8485067.06	0.04	0.03		192323.97	8485015.25	0.08	0.1
192274.23	8485066.13	0.18			192324.61	8485014.62	0.1	
192274.61	8485065.28	0.22			192325.22	8485014.03	0.01	
192275.04	8485064.32	1.17	1.26		192325.94	8485013.33	0.08	
192275.47	8485063.39	0.23			192326.64	8485012.65	0.28	0.25
192275.86	8485062.51	0.79			192327.36	8485011.94	0.17	
192276.25	8485061.66	0.12			192328.04	8485011.27	1.35	1.22
192276.63	8485060.82	0.39	0.56		192328.79	8485010.54	0.29	
192277.02	8485059.95	0.27			192329.54	8485009.81	0.12	0.14
192277.43	8485059.04	0.22			192330.17	8485009.20	-0.01	

east	north	NAL_Au1	NAL_Au2
192277.75	8485058.33	0.58	0.52
192278.13	8485057.49	0.13	
192278.54	8485056.59	0.19	
192278.85	8485055.90	0.05	
192283.05	8485048.49	0.28	
192283.46	8485047.71	0.06	
192283.72	8485047.19	0.22	
192284.09	8485046.48	0.15	0.12
192284.51	8485045.68	-0.01	
192284.92	8485044.89	-0.01	

east	north	NAL_Au1	NAL_Au2
192330.75	8485008.63	0.03	
192285.32	8485044.11	-0.01	
192285.76	8485043.27	-0.01	
192286.15	8485042.53	-0.01	
192286.54	8485041.76	0.11	
192286.96	8485040.95	-0.01	
192287.32	8485040.26	0.21	
192287.69	8485039.56	0.02	-0.01
192292.85	8485030.02	0.23	
192293.44	8485029.60	-0.01	
192294.16	8485029.09	-0.01	
192294.79	8485028.65	0.12	
192295.60	8485028.07	0.1	
192296.20	8485027.65	0.02	
192296.85	8485027.18	0.42	0.59
192297.64	8485026.62	-0.01	
192298.27	8485026.18	0.37	