

# ASX Announcement

16<sup>th</sup> June, 2010



## Drilling Extends and Strengthens Northern Lode at Dargues Reef

New High Grade Hits Reinforce Potential to Increase Resource

### HIGHLIGHTS

- **Intercepts extend high grade lode parallel to Main Lode:**
  - 9.9m @ 32.2g/t (including 3m @ 101.3g/t)**
  - 1m @ 21.5g/t**
  - 1.5m @ 18.2g/t**
  - 9.8m @ 8.42g/t (Main Lode)**
- **Parallel lode currently measures ~145m x 170m**
- **Open at depth and along strike**

Cortona Resources Limited (ASX: **CRC**) is pleased to report further excellent results at its 100%-owned **Dargues Reef** Gold Project in NSW.

The latest diamond drill holes returned high grade gold assays including **9.9m @ 32.2g/t (including 3m @ 101.3g/t)** in DREX225W2, and **9.8m @ 8.42g/t** in DREX229W3.

The results are further confirmation of the continuity of the high grade lode to the north of, and parallel to the Main Lode, and are expected to increase the current indicated and inferred resource of 1.44Mt @ 6.2g/t for 286,000oz gold (comprising 175,200oz inferred and 110,800oz indicated categories).

Drilling has now extended the northern lode for 150m along strike and for a vertical distance of 175m. Estimated true widths are up to 5.8m and the lode remains open along strike and at depth. Drilling will test the continuity of this new lode.

The Definitive Feasibility Study on the Dargues Reef Gold Project is proceeding as planned. Many of the independent studies have been received and are being compiled into the final EIA for submission to the NSW State Government.

-ENDS-



### COMPANY DETAILS

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**ASX CODE:** CRC, CRCO

**Corporate Information**  
(1st June 2010)

Shareholders	~1,800
Shares on Issue	170M
Options (CRCO)	35M
Options (Unlisted)	11M

### PROJECTS

**Majors Creek (NSW)**  
**Eugowra (NSW)**  
**North Monger (WA)**

CRC is a trade name of  
**CORTONA**  
RESOURCES LIMITED



**Table 1: Significant intercepts during 2010. Red highlights indicate >20.0 gramme metres.**

Hole ID	GDAE	GDAN	Dip	Azi	From (m)	Interval (m)	Gold (g/t)
<b>New Results</b>							
DREX225W2	749030	6062782	-60	001	446.6	1	21.5
and					511.3	9.9	32.18
Including					513	3	101.30
DREX184	749016	6062959	-60	331	65.39	7.1	3.99
DREX181	749016	6062960	-50	330	56.7	1.5	18.17
DREX229W3	748971	6062793	-63	357	492.7	9.8	8.42
<b>Previous 2010 Results</b>							
DREX225	749030	6062782	-59.5	1.2	401.5	8.85	15.15
and					414	11.3	12.35
and					438	5.3	6.78
and					466	8	7.70
DREX206	748975	6062910	-52	010	99	19	9.13
DREX227	749067	6062763	-60	360	533.9	10	3.28
and					545.6	19.4	2.03
and					566	2	7.15
DREX223	749000	6062816	.55	358	235	13.0	8.60
and					259	2.5	3.77
and					266	1.0	10.80
DREX225W1	749034	6062783	-60	359	322	6.7	3.08
and					409.2	1.5	22.30
and					424.5	18.5	4.88
and					459.6	8.4	4.46
and					477	13.2	10.88
DREX226	748999	6062815	-64.5	357	307.8	5.45	14.35
and					316.3	1.45	7.31
and					370.3	2.8	39.08
and					395.25	0.6	36.50
and					454	5.7	97.10
DREX182	749015	6062958	-58	019	47	17	6.27
Including					59	4	15.14
DREX190	748946	6062913	-52	012	85	4	3.96
and					126	2	2.74
and					132	5	3.38
DREX193	748973	6062876	-62	003	158	22	5.74
Including					168	10	8.70
DREX185	749037	6062949	-60	015	74	4	1.93
and					82	5	15.56
DREX186	749035	6062948	-72	008	102	4	2.18
and					108	5	2.52
DREX187	749083	6062945	-62	339	74	3	3.53
DREX188	749086	6062947	-56	001	9	2	1.49
DREX189	749038	6062946	-52	011	82	5	7.54
DREX222W1	749070	6062736	-59	356	472.5	11.5	4.26
and					521	4	4.98
DREX221	749001	6062817	-59	003	280	7	4.73
and					311.8	12.4	16.35
Including					312.5	3.5	43.90
DREX224	748976	6062794	-57	358	287	3.5	12.70
and					292.5	1	7.95
DREX170	748897	6062965	-58	020	64	30	3.72
including					74	12	6.31
DREX176	748934	6062944	-54	008	75	13	4.81
including					80	6	7.62
and					96	2	4.83
DREX177	748935	6062944	-62	007	98	2	3.51
and					125	5	4.88
DREX178	748940	6062944	-50	030	48	9	5.66
DREX179	748977	6062914	-60	008	108	11	6.54



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**ABOUT CORTONA**

*Cortona is an emerging Australian gold company with a portfolio of advanced gold projects in New South Wales and Western Australia. The Company is focused on the exploration and development its 100%-owned Majors Creek Project, located 60km east of Canberra in New South Wales, where it is currently undertaking a Definitive Feasibility Study (DFS) on the Dargues Reef Gold deposit (1.44Mt @ 6.2g/t gold for 286,000oz).*

*Majors Creek was the largest historic alluvial goldfield in NSW producing more than 1.25 million ounces. The Dargues Reef deposit is expected to be the Company's first operating mine following positive scoping study results indicating average annual production of 45,000 ounces over an initial mine life of 5 years.*

*Cortona's multi-pronged plan is to progress the Dargues Reef DFS in conjunction with aggressive near- mine and regional exploration programs to underpin a long-term gold business.*

**Sampling and Assay Procedures**

*A bulk sample from each drilled metre interval is collected from the RC drill rig. A representative sample (approx 3kg) is collected via a PVC spear or riffle splitter and submitted to ALS in Orange for analysis. Standard samples of known gold concentration are inserted every 25 samples and a blank sample is inserted at the start of each hole. On occasion a blank sample is also inserted following visually determined high-grade mineralisation.*

*In each case the entire sample is pulverised in a LM5 mill to 95% passing 75 microns. A sub-sample is selected for analysis. Gold is analysed by a 50 gram fire assay with AAS finish (0.01ppm detection). Samples returning gold values >1g/t are duplicated and assayed again by the same method for comparison and check of variability. Gold values >100g/t are then re read through the AAS using a 1 in 10 dilution of the solution. In conjunction with the gold analysis a suite of elements including Silver (0.2ppm), Arsenic (2ppm), Bismuth (2ppm), Copper (1ppm), Lead (2ppm), Molybdenum (1ppm), Sulphur (0.01%), Calcium (0.1%) and Zinc (2ppm) are also analysed by Aqua Regia digest and ICPAES finish.*

*Core samples from diamond drilling (HQ or NQ) are cut lengthwise and dissected, usually in 1m intervals or as geological parameters dictate. Standards and blanks are periodically included, using similar methodology to above, usually every 25 samples. The samples are submitted to ALS in Orange for analysis.*

*The analytical technique used on the diamond core samples is identical to that used on the RC samples.*

**Competent Persons:** *Information in this report relating to Mineral Resources has been completed by Mr Aaron Green of Runge Ltd., who is a member of the Australian Institute of Geoscientists. Mr Green 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' under the 2004 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Mr Green consents to the inclusion of the data in the form and context in which it appears. The contents of this report that relate to geology and historical exploration are based on information compiled by Mr Peter van der Borgh, who is a Professional Geologist and Fellow of the Geological Society. He has sufficient experience relevant to the style of mineralisation and types of deposit under consideration and to the activity being undertaken to qualify as a 'Competent Person' as defined in the 2004 Edition of the JORC Code. Mr van der Borgh consents to the inclusion in this report of the matters compiled by him in the form and context in which they appear. The Company's exploration target for Dargues Reef includes potential quantity and grade based upon an extensive amount of work conducted to date in the upper levels of the deposit.*