



# Multiple Copper Targets Identified at Eloise, Queensland

Major data review completed leading to ground-based exploration in 2011

- Significant new copper exploration initiative at the 100% owned Eloise Exploration Project, surrounding the Eloise Copper Mine and Altia Silver-Lead-Zinc Deposit.
- Multiple high grade copper targets identified within a 20km radius of the Eloise Copper Mine.
- Targets include historical drill intercepts up to 4.72%Cu at Roberts Creek and 4.63%Cu at Eloise South West.
- Minimal copper focussed exploration for the past 10-15 years.
- Imminent re-opening of the Eloise Mine and strong copper price outlook provides a strong strategic imperative to re-commence copper exploration at Eloise.

Breakaway Resources Limited (**ASX: BRW**) is pleased to advise that it has identified **multiple bedrock high** grade copper targets on its 100%-owned **Eloise Exploration Project** within a 20km radius of the Eloise Copper Mine and milling facility (circa 740,000tpa).

The Eloise Exploration Project ("Eloise") is located 70km south-east of Cloncurry, in the heart of the world-class Cloncurry Mineral District of North West Queensland. The tenements lie adjacent to FMR Investments Pty Ltd's Eloise Copper Mine, which is on track to be re-commissioned in January 2011 (*see Figure 1*).

The imminent re-opening of the Eloise Mine and strong copper price outlook provides a strong strategic imperative to resume copper exploration at Eloise. Due to the close proximity of Breakaway's tenements, any new copper discovery would lie within an economic trucking distance to the Eloise Copper Mine, thereby opening up the potential for regional development and processing opportunities (*see Figure 2*).

The targets have been identified from a recent major data review of historic drilling data for Eloise and "kick starts" a new copper exploration initiative for the Company in parallel with Breakaway's recently announced nickel exploration programme in Western Australia.

The targets are typically characterised by +1% copper intercepts (up to 4% copper), highly anomalous gold results and limited deep drilling with excellent potential to extend known mineralisation along strike and down dip. In addition, there are several significant surface geophysical and geochemical anomalies in close proximity to the bedrock targets which also represent attractive targets for follow up.

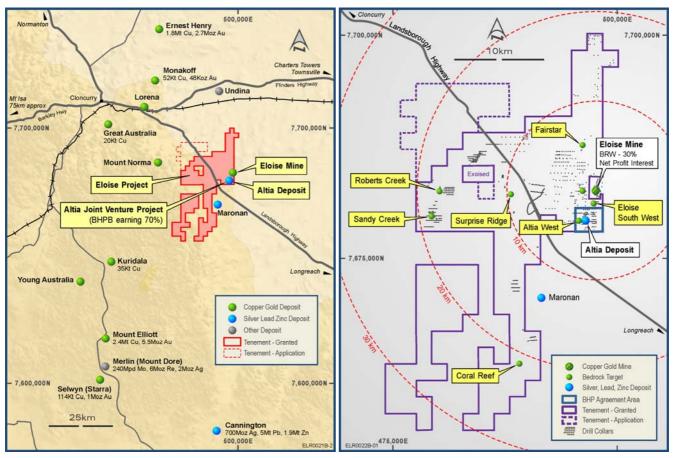


Figure 1: Eloise Exploration Project Location Plan

Figure 2: Eloise Copper Targets Location Plan

While a number of these copper-gold targets have been known for some time, they have received minimal exploration over the past 10-15 years due to the Company previously focussing on its Western Australia nickel assets and the Altia Silver-Lead-Zinc Deposit at Eloise. Previous owners of Eloise were focussed on development of the Eloise Copper Mine.

Breakaway is now positioning itself to commence ground-based follow up of the targets in early 2011 after the northern Wet Season in order to prioritise them and determine the best option for their advancement.

The dual-commodity push will form the centrepiece of Breakaway's exploration strategy in 2011, funded by the proceeds of the current \$3.5 million Share Purchase Plan which is due to close on 9 December 2010 (*see ASX Announcement – 30 November 2010*). Details of the upcoming nickel exploration programme in Western Australia were announced last week (*see ASX Announcement – 30 November 2010*).

## Key Copper Targets (Note – quoted intersections are down hole widths only)

- **Roberts Creek** where quartz vein hosted copper-gold mineralisation has been drilled on 25 metre sections over a 200 metre strike length and to 50 metres vertical. The mineralisation remains open in all directions with anomalous surface geochemistry suggesting strong potential for a northern strike extension. Better intercepts include:
  - 5m @ 3.42%Cu, 3.05g/t Au from 39 metres in RAM01 including 2m @ 4.72%Cu, 4.13g/t Au from 39 metres
  - 11m @ 1.36%Cu, 1.51g/t Au from 37 metres in RAM08
  - 6m @ 3.22%Cu, 2.22g/t Au from 28 metres in RCP01
  - 6m @ 1.02%Cu, 4.18g/t Au from 53 metres in VOP028

- **Sandy Creek** where copper-gold mineralisation occurs within two parallel zones of quartz-carbonate veining and mafic alteration. Mineralisation remains open down plunge and south along strike. Limited drilling on 100 to 200 metre sections over 500 metre strike length and to 150 metres vertical has returned broad zones of strong copper-gold mineralisation including:
  - 8m @ 1.67%Cu, 0.44g/t Au from 113 metres in SCD03
  - 5m @ 0.51%Cu, 11.56g/t Au from 149 metres in SCD06
  - 4.11m @ 0.57%Cu, 5.70g/t Au from 186.55 metres in SCD07
  - 22m @ 1.0%Cu, 0.17g/t Au from 50 metres in VOP026
- *Altia West* where copper mineralisation is present over several hundred metres within a sulphide-bearing silicified shear zone on the western margin of the Altia Deposit. The significance of the mineralisation is yet to be determined, but its position relative to the Altia Deposit reinforces the discovery potential of this area. Better intercepts include:
  - 14m @ 1.04%Cu, 0.55g/t Au from 145 metres in 06BERD005 including 1m @ 4.07%Cu, 0.46g/t Au from 153 metres
  - 1m @ 2.72%Cu, 0.04g/t Au from 214 metres in 06BERD005
  - 2m @ 0.17%Cu, 4.91g/t Au from 208 metres in 07BERD027
  - 4m @ 1.41%Cu, 0.22g/t Au from 206 metres in ALDH06
- *Eloise South West* where numerous EM conductors and anomalous bedrock geochemistry occur within the southern extension of the sequence that hosts the Eloise Copper Mine. Diamond drilling on 200 to 250 metre spaced sections (to 400 metres vertical depth) has returned isolated intersections, the significance of which is yet to be fully determined:
  - 1m @ 1.61%Cu, 0.38g/t Au from 97metres in 07BERD039,
  - 0.7m @ 4.63%Cu, 1.97g/t Au from 100 metres in 07BERD039
  - 3m @ 0.69%Cu, 0.19g/t Au from 103 metres in 07BERD039

Additionally, single holes drilled by previous explorers to test gossanous quartz veining and geophysical anomalies at each of the "Coral Reef", "Surprise Ridge", and "Fairstar" targets all returned significant intersections which remain open in all directions. At Coral Reef, MPSA\_TR031 returned 4m @ 4.02%Cu, 1.21g/t Au from 44 metres; at Surprise Ridge VOP013 returned 8m @ 1.27%Cu, 0.07g/t Au from 34 metres including 2m @ 2.96%Cu, 0.12g/t Au from 34 metres; and at Fairstar FSD01 returned three narrow gold zones - 1m @ 0.05%Cu, 1.79g/t Au from 231 metres, 1m @ 0.03%Cu, 3.70g/t Au from 238 metres, and 1m @ 0.01%Cu, 6.14g/t Au from 285 metres.

## Summary

Breakaway's Managing Director, Mr David Hutton, said the new Eloise copper initiative had the potential to add significant value to the Company in a relatively short space of time, given that most of the copper targets were well-established and contained high grade copper and gold intercepts.

"From a geological perspective, these are standout targets which, given the lack of recent exploration, demand immediate follow-up work," Mr Hutton said. "The imminent re-opening of FMR's Eloise Copper Mine creates a strong strategic imperative to revisit these targets and step up our exploration efforts in this exciting belt," he added. "We are looking forward to getting stuck into this work in the New Year and reporting our results in due course."

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Hole ID	Northing	Easting	Dip°	Azi Mag°	From	Downhole Width	% Cu	g/t Au
RAM01	7682483	480112	-60	270	39	5.0	3.42	3.05
"	"	"	**	"	39	2.0	4.72	4.13
RAM08	7682650	480155	-60	270	37	11.0	1.36	1.51
RCP01	7682585	480130	-56	235	28	6.0	3.22	2.22
VOP028	7682600	480155	-60	270	53	6.0	1.02	4.18
SCD03	7679898	479299	-60	90	113	8.0	1.67	0.44
SCD06	7680018	478911	-60	90	149	5.0	0.51	11.56
SCD07	7679970	478918	-60	90	186.55	4.11	0.57	5.70
VOP026	7680093	479418	-60	270	50	22.0	1.0	0.17
06BERD005	7679197	496320	-60	270	145	14.0	1.04	0.55
"	"	"	**	"	153	1.0	4.07	0.46
"	"	"	**	"	214	1.0	2.72	0.04
07BERD027	7679900	496230	-60	270	208	2.0	0.17	4.91
ALDH06	7679250	496306	-64	271	206	4.0	1.41	0.22
07BERD039	7680500	497490	-60	270	97	1.0	1.61	0.38
"	"	"	**	"	100	0.7	4.63	1.97
"	"	"	**	"	103	3.0	0.69	0.19
MPSA_TR031	7663466	489123	-55	270	44	4.0	4.02	1.21
VOP013	7682152	488103	-60	90	34	8.0	1.27	0.07
FSD01	7687460	495964	-57	90	231	1.0	0.05	1.79
"	"	"	**	"	238	1.0	0.03	3.7
"	"	"	"	"	285	1.0	0.01	6.14

## Table 1. Eloise Exploration Project Anomalous Historic Drilling Intercepts and Collar Details

#### Notes on Drill Hole Results:

The drillholes are historic and as such, details of the analytical methods used are unknown. 1.

2. The location of drill holes were determined using a handheld GPS achieving +/- 4 metre accuracy and using the AGD84 datum (Zone 54).

Intersections are reported as down hole widths, not true widths. 3

4. Reported intersections are calculated as length weighted average grades using a 0.5%Cu lower cut off.

## ENDS

**Competent Persons Statement:** 

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The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr David Hutton (Managing Director), a full time employee of the Company. Mr Hutton is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). He has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2004 Edition

## About Breakaway Resources Limited:

Exploration Results, Mineral Resources and Ore Reserves.

Breakaway Resources aims to become one of Australia's leading mining and exploration companies with exploration focussed at our priority Wildara and Miranda Projects (nickel) within the Leinster district of the North Eastern Goldfields of Western Australia and the Cloncurry District (copper - gold) of North West Queensland; two areas that we believe offers the most attractive opportunities for future success

of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of

Our objectives are the discovery and development of a high-quality stand alone mineral deposit and maximisation of shareholder wealth for non-priority assets.

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