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## ASX CODE: ORS

Market Cap.: \$12.2 m (\$0.115 p/s) Shares on issue: 106,048,002 Cash: \$2.4 m (31 March 2013)

### **BOARD & MANAGEMENT**

lan Gandel, Chairman Anthony Gray, Managing Director Bob Tolliday, Director

## **MAJOR SHAREHOLDERS**

Alliance Resources – 20.8% Abbotsleigh – 18.7% JP Morgan Nominees – 8.9%

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# High-Grade Gold at Frenchman's Reef Wehla, in Central Victoria

- 22 hole RC drilling program, totalling 898 metres, completed at Frenchman's Reef in Central Victoria
- Reverse circulation drilling program tests reef structure over 210 metres strike length and to 30 metres depth
- Historic drilling intersected:
  - 4 metres @ 25.0 g/t Au from 16 metres
  - 2 metres @ 4.5 g/t Au from 30 metres
- Recent drilling confirms high-grade and nuggetty gold
- Significant assay results include:
  - 6 metres grading 24.3 g/t Au from 18 metres inc. 1 metre grading 138.8 g/t Au from 20 metres
  - 1 metre grading 20.0 g/t Au from 44 metres
  - 2 metres grading 4.1 g/t Au from 33 metres
  - Mineralisation open to the north and down-dip
  - Current trial open pit mining at Black Reef expected to help justify open pit mining at Frenchman's Reef by providing details on the nugget effect and structural controls on gold

The Directors of Octagonal Resources Limited (ASX: ORS) ("Octagonal" or "Company") are pleased to announce the results of Reverse Circulation ("RC") drilling completed at the Frenchman's Reef, Wehla, in Central Victoria.

Octagonal's Managing Director, Anthony Gray, commented "the results from this drilling program confirm that there is high-grade and nuggetty gold in the Wehla Goldfield."

"With fantastic results like 6 metres at 24 grams gold surrounded by lower grades it is essential that we understand the nugget effect and distribution of gold in this goldfield."

"This is exactly why we are currently mining a trial open pit at Black Reef, because if the high-grade gold is more widespread than indicated in drilling, there is the potential for substantial near-surface gold in this goldfield".

Additional information relating to Octagonal and its various mining and exploration projects can be found on the Company's website: <u>www.octagonalresources.com.au</u>

## For further enquiries, please contact:

Anthony Gray (Managing Director) +61 3 9697 9088





## Frenchman's Reef

Frenchman's Reef is located within the Wehla Goldfield, 60 kilometres northwest of Octagonal's Porcupine Flat gold processing plant at Maldon, and 1,100 metres to the north of the Company's Black Reef open pit (Figure 1).

The Wehla Goldfield historically produced around 100,000 ounces of high-grade gold from a two kilometre long line of reef however the structural controls and nugget effect on the distribution of gold are not well understood.

Octagonal is currently resolving these issues by mining a trial open pit at Black Reef in an area where a costean returned 14 metres @ 4.6 g/t Au and drilling intersected 5 metres @ 35.4 g/t Au and 5 metres @ 14.9 g/t Au. It is anticipated that the information gained from this mining will help interpret drilling results and justify a larger open pit operation in the Wehla Goldfield.

The Frenchman's Reef historic mine workings extend over 200 metres strike length and consists of a 0.5 to 2.5 metre thick quartz reef with spurry veins dominant to the east. The reef dips steeply to the west and is located in the eastern limb of a syncline that plunges moderately to the north.

During 2009 Matrix Gold Pty Ltd drilled three diamond holes at the Frenchman's Reef. This drilling returned significant results including 4 metres @ 25.0 g/t Au from 16 metres in MD103 and 2 metres @ 4.5 g/t Au from 30 metres in MD105 (Figure 1 and Figure 2).

The aim of the recent drilling program was to assess the potential for the Frenchman's Reef to host nearsurface gold amenable to open pit mining. 22 RC holes, totalling 898 metres, were drilled to intersect the reef over a 210 metre strike length and to 30 vertical metres depth using a 20 metre by 20 metre spaced grid (Figure 2).

This drilling intersected wide zones of quartz reef with nuggetty and high-grade gold surrounded by lowergrade mineralisation. Significant assay results include;

- > 2 metres grading 4.1 g/t Au from 33 metres in FRRC02
- 6 metres grading 1.2 g/t Au from 30 metres in FRRC04
- 6 metres grading 24.3 g/t Au from 18 metres in FRRC19 inc. 1 metre grading 138.8 g/t Au from 20 metres
- > 1 metre grading 20.0 g/t Au from 44 metres in FRRC22

All assay results returned from this drilling program are listed in Table 1 and drill hole details are provided in Table 2.

Figure 3 illustrates a long-section displaying the distribution of gold intersected in all drilling completed at Frenchman's Reef. Significantly, the higher-grade gold that has been identified is located at the northern end of the drilling program and remains unconstrained by drilling to the north and down dip.

The results from this drilling program confirm the presence of high-grade and nuggetty gold at Frenchman's Reef and support the potential of the area to host near-surface gold amenable to open pit mining. A second phase of RC drilling will be completed later in the year to test for the northern and down plunge extent of gold at this deposit.



Gold tail in gold pan from sample FRRC019 20-21 metres (assay result: 138.8 g/t Au)



Figure 1. Main Wehla reefs and historic drilling results



Frenchman's Reef RC Drilling





Figure 2. Frenchman's Reef: Reverse circulation drill hole location plan with historic drilling







Figure 3. Frenchman's Reef: Long-section of recent RC drilling results with historic drilling

Table 1. Frenchman's Reef: Significant Assay Results								
Hole Number	From (m)	То (m)	Interval (m)	Au (g/t)				
FRRC001	9	10	1	1.1				
FRRC002	33	35	2	4.1				
FRRC004	30	36	6	1.2				
FRRC006	38	39	1	1.6				
FRRC016	28	30	2	1.8				
FRRC017	23	24	1	1.9				
	27	28	1	1.6				
	34	35	1	2.9				
FRRC018	38	39	1	1.8				
FRRC019	18	24	6	24.3				
FRRC022	44	45	1	20.0				
	50	51	1	1.9				

#### Notes:

- 1. All RC holes drilled -60 degrees to the east.
- 2. Four metre composite scoop samples routinely collected.
- 3. Composite scoop samples containing greater than 0.1 g/t gold split and re-analysed over 1 metre intervals for gold.
- 4. Gold analysis conducted by Gekko Assay Laboratory (Ballarat Laboratory). Analysis completed using the 2 kg Leachwell technique with determination by AAS. The residue of all samples containing greater than 1 g/t Au was routinely filtered, washed and dried for analysis using the Fire Assay technique with determination by AAS.
- 5. "NSA" denotes "no significant assay result greater than 0.1 g/t Au" and "inc." denotes "including".





Table 2.									
Frenchman's Reef: RC Drill Hole Details									
Hole Number	Northing (MGA)	Easting (MGA)	Azimuth (MGA)	Dip	Depth (m)				
FRRC001	5945358	734046	90	-60	30				
FRRC002	5945360	734041	90	-60	60				
FRRC003	5945318	734051	90	-60	30				
FRRC004	5945322	734037	90	-60	60				
FRRC005	5945282	734052	90	-60	31				
FRRC006	5945279	734041	90	-60	55				
FRRC007	5945240	734049	90	-60	34				
FRRC008	5945239	734041	90	-60	55				
FRRC009	5945191	734060	90	-60	28				
FRRC010	5945194	734047	90	-60	55				
FRRC011	5945215	734059	90	-60	30				
FRRC012	5945215	734046	90	-60	52				
FRRC013	5945260	734050	90	-60	18				
FRRC014	5945260	734039	90	-60	52				
FRRC015	5945300	734050	90	-60	9				
FRRC016	5945294	734039	90	-60	31				
FRRC017	5945340	734043	90	-60	40				
FRRC018	5945340	734038	90	-60	60				
FRRC019	5945380	734050	90	-60	30				
FRRC020	5945380	734040	90	-60	52				
FRRC021	5945400	734046	90	-60	34				
FRRC022	5945400	734035	90	-60	52				



Frenchman's Reef RC Drilling

## **Competent Persons Statement**

The information in this report that relates to Exploration Results, Mineral Resources and Ore Reserves is based on information compiled by Anthony Gray. Anthony Gray is a full-time employee of the Company and is a member of the Australian Institute of Geoscientists. Anthony Gray has sufficient experience which is relevant to the style of mineralization and type of deposits 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' and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.





## **About Octagonal Resources**

Octagonal Resources is a gold focused exploration and mining company with projects located in underexplored areas of two of Australia's most significant gold producing regions; the Central Victorian Goldfields and the Eastern Goldfields of Western Australia.

The Company's Victorian operations are centred at Maldon, the third largest historic primary gold producer in Central Victoria after Bendigo and Ballarat. It is here that Octagonal owns a 150,000 tpa CIL gold processing plant, 245,000 ounces of inferred gold resources and a decline that extends to the undeveloped underground resources. Octagonal is currently processing third party ore while it brings its own underground and open pit mines into production.

In Western Australia Octagonal holds a 100% interest in the Hogan's Project where it is exploring for gold and copper deposits in a highly prospective but underexplored area only 70 kilometres from Kalgoorlie. The gold potential of this emerging gold producing district is demonstrated by the recent exploration and mining success achieved by Silver Lake Resources at the Daisy Milano Mine and Integra Mining at the Salt Creek Mine and Lucky Bay Prospect. Octagonal is exploring priority exploration target areas that display the potential to host a major gold or copper deposit.

Octagonal's corporate strategy is to develop a long term sustainable mining operation in Central Victoria to fund the Company's growth through the discovery and development of major gold deposits.



Octagonal Resources Project Locations