



ASX ANNOUNCEMENT

23rd August, 2012

Copper Intersections at North Dome Rock Curnamona Province Project, South Australia

A drilling program of 1,954 metres in 13 reverse circulation (RC) boreholes was completed during July, 2012 at the North Dome Rock Prospect located within EL 4239. The drilling was designed to investigate an under-explored Cu-Co±Au±U anomaly identified approximately 1 km north of the historic Dome Rock copper mine. The drilling program was managed by Sinosteel PepinNini Curnamona Management Pty Ltd (SPCM) on behalf of the Joint Venture partners Sinosteel Corporation (60%) and PepinNini Minerals (40%).

SPCM have reported widespread generally low grade copper mineralisation was encountered over a strike length of approximately 1,350m corresponding with the extent of a soil anomaly defined by previous explorers. Mineralisation was intersected in both oxidised and fresh rock, with the majority of higher grades associated with high Fe assays in the oxidised rock and highly sulphidic intervals in the fresher rocks. Intersections are summarized in the attached table and include;

- ◆ 5 metres @ 0.82% Cu and 0.06% Co from a depth of 9 metres in borehole RC12DRN002,
- ◆ 5 metres @ 0.68% Cu and 0.04% Co from a depth of 50 metres in borehole RC12DRN004
- ◆ 5 metres @ 0.54% Cu and 0.04% Co from a depth of 27 metres in borehole RC12DRN010
- ◆ 10 metres @ 0.59% Cu and 0.03% Co from a depth of 57 metres in borehole RC12DRN011

All metreages quoted are down-hole depths as true widths are not known. In addition to copper, sporadic gold values (max 3.61g/t) have also been obtained. Anomalous levels of cobalt, molybdenum and arsenic are variably associated with the mineralisation.

Detailed assessment of all data will be undertaken prior to any follow up drilling.

The copper deposits in the Dome Rock area are considered to be epigenetic and are related to granites located to the west of the mine area. Copper mineralization occurs at the margins of a brecciated and silicified slate and has been exploited by three main shafts.

Historic production recorded from the Dome Rock Mine prior to closure in 1940 was 630 tonnes at a grade of 20% copper. Oxidized ores consisted primarily of chalcocite, cuprite and covellite. Other secondary minerals included native copper, azurite, malachite, chrysocolla, chalcantite and olivenite. Sulphide ores consisted predominantly of chalcopyrite and pyrite.



Drilling at Dome Rock North - July 2012

The information in this report that relates to Exploration Results is based on information compiled by Norman Kennedy BSc MAusIMM. Norman Kennedy is the Chairman and Managing Director of PepinNini Minerals Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration 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". Norman Kennedy consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

For further information please contact:

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Note: Additional information on PepinNini Minerals Limited can be found on the website:
www.pepinnini.com.au

Dome Rock North RC Drill Intersection – July 2012

Hole_No	East MGA94	North MGA94	Az Mag	Dip	From (m)	To (m)	Interval (m)	Cu%	Co%	Au (ppm)
RC12DRN001	448155	6472457	215	-60	No Significant Intersections					
RC12DRN002	448224	6472148	215	-60	0	28	28	0.36	0.04	
incl					9	14	5	0.82	0.06	
					32	36	4	0.12	0.03	
					44	58	14	0.18	0.01	
RC12DRN003	448482	6471870	205	-60	35	36	1	0.17	0.03	
					99	100	1	0.24		
RC12DRN004	448550	6471956	205	-60	19	20	1	0.10		
					25	34	9	0.17	0.02	
					36	37	1	0.20		
					40	45	5	0.30		
					50	60	10	0.46	0.03	
incl					50	55	5	0.68	0.04	
					65	71	5	0.16		
					86	94	8	0.13		
					104	105	1	0.15		
					113	115	12	0.15		
					121	128	7	0.19		
					170	174	4	0.11	0.04	
RC12DRN005	448735	6471707	205	-60	56	61	5	0.17		
incl					57	58	1	0.17		0.20
					78	85	7	0.19	0.03	
					94	95	1	0.13	0.04	
					105	106	1	0.11	0.02	
					107	108	1	0.15	0.02	
					125	126	1	0.15	0.09	
					131	134	3	0.11	0.04	
RC12DRN006	448792	6471775	205	-60	69	77	8	0.21		
					82	83	1	0.10	0.02	
					93	103	10	0.13	0.02	
RC12DRN007	448876	6471391	205	-60	118	119	1	0.15		
					125	126	1	0.14	0.02	
					131	132	1	0.12		

Hole_No	East MGA94	North MGA94	Az Mag	Dip	From (m)	To (m)	Interval (m)	Cu%	Co%	Au (ppm)
RC12DRN008	448921	6471447	205	-60	15	45	30	0.18	0.02	
RC12DRN009	448940	6471475	205	-60	54	78	24	0.12		
RC12DRN010	449040	6471080	205	-60	8	9	1	0.11		
					15	46	31	0.24	0.02	
incl					27	32	5	0.54	0.04	
RC12DRN011	448395	6472040	205	-60	7	34	27	0.17	0.01	
incl					14	16	2	0.34	0.02	0.22
incl					18	19	1	0.14		0.10
					49	50	1	0.18	0.01	
					54	75	21	0.40	0.02	
incl					57	67	10	0.59	0.03	
incl					61	62	1	0.18		3.61
					80	87	7	0.14		
					107	114	7	0.20	0.01	
					124	125	1	0.11		
					127	135	8	0.26		
					139	142	3	0.29	0.13	
					146	148	2	0.15	0.03	
					155	157	2	0.18	0.02	
RC12DRN012	448673	6471864	205	-60	2	3	1	0.12		
					7	34	27	0.18		
incl					10	11	1	0.10		0.56
incl					18	19	1	0.22		0.13
					78	79	1	0.10		
					82	83	1	0.35	0.05	
					94	96	2	0.21	0.03	
					99	101	2	0.20	0.03	
					104	107	3	0.12	0.02	
RC12DRN013	448891	6471659	205	-60	120	130(EOH)	10	0.25	0.01	

Note: All metreaages quoted are down-hole depths, true widths are not known