



ERDENE RESOURCE DEVELOPMENT CORP.

Erdene's Altan Nar Trenching Intersects Multiple High Grade Gold and Base Metals Zones

Includes 7m of 20g/t Gold, 138g/t Silver, 17% Lead and 5% Zinc

For Immediate Release

Halifax, Nova Scotia – January 22, 2014 - Erdene Resource Development Corp. (TSX:ERD) ("[Erdene](#)" or the "Company"), is pleased to report it has received final assay results for its Q4 2013 trenching program at the Company's 100% owned Altan Nar [gold](#)-polymetallic project in southwest [Mongolia](#).

Highlights - Q4 Trenching Program – Phase III Results

- **Union North results confirm minimum 150m strike, open in both directions and centered on high grade mineralized shoots with up to 19m of 8.9 g/t gold, 66 g/t silver, 7.7% lead and 2.5% zinc including 7m of 20.2 g/t gold, 138 g/t silver, 17% lead and 5% zinc**
- **ANT-24 (Union South) returns 10m of 4.5 g/t gold, 9 g/t silver, and 2.2% lead opening up >500m of strike length between the Union North and South Zones**
- **Riverside results indicate intensifying mineralization in north with 14m of 1.4 g/t gold and potentially forming a structural intersection with Union North**
- **Altan Nar now hosts five large, distinct, well mineralized structures in Union North & South, Discovery Zone, Riverside, Maggie, Northbow and Southbow, with multiple areas requiring additional exploration [see November 18 and December 10, 2013 releases]**

“We are extremely pleased with the results generated from this program. We have discovered multiple new zones, broad areas of mineralization, confirmed that the potential for new discoveries extends over the 5.5 kilometre strike length, and have identified high-grade mineralized shoots,” said Peter Akerley, President and CEO of Erdene. “There is little question that Altan Nar not only has the potential for multiple, bulk mineable open pits with high grade shoots, but now represents one of the most significant metal discoveries in Mongolia since Oyu

Tolgoi in the mid-1990's. We will now accelerate our efforts for the 2014 exploration season and move this very exciting project towards early development.”

Q4 2013 Altan Nar Trenching Program - Phase III (Final) Results

The following table provides the latest, previously unreported, results from the Altan Nar trenching program carried out in Q4 2013.

Altan Nar Trench Results – Highlights from Union North, Union South, Riverside								
Prospect	Trench	From	To	Interval	Au g/t	Ag g/t	Pb %	Zn %
Riverside	ANT-10	9	11	2	0.70	2.5	0.05	0.23
	And	24	38	14	1.38	8.8	0.33	0.24
	incl.	24	30	6	3.04	17.5	0.65	0.38
Union N	ANT-11*	30	66	36	2.20	0.9	0.63	0.27
	incl.	30	45	15	1.01	nil	0.42	0.31
	incl.	54	66	12	5.32	2.6	1.35	0.35
	And*	86	118	32	1.11	9.3	1.83	0.35
	incl.	107	115	8	4.05	35.0	6.94	0.52
Riverside	ANT-12	4	16	12	0.53	0.3	0.11	0.43
	incl.	7	10	3	1.54	1.3	0.20	0.62
Union N	ANT-13	22	30	8	1.03	1.4	0.65	0.33
	And	46	48	2	2.03	3.5	0.43	0.38
	And	84	85	1	1.14	10.0	1.31	0.34
	And	110	117	7	2.51	2.7	0.86	0.78
Union N	ANT-14*	54	99	45	4.59	29.4	3.47	1.18
	incl.	54	73	19	8.93	65.9	7.69	2.49
	incl.	58	65	7	20.25	137.6	17.29	5.31
	incl.	92	99	7	5.02	7.6	1.22	0.19
	incl.	96	99	3	10.34	9.0	2.19	0.22
Union N	ANT-15*	2	20	18	1.77	1.4	0.75	0.63
	incl.	11	16	5	6.00	4.0	2.38	1.06
Union N	ANT-20	5	16	11	0.80	2.1	0.42	0.22
	incl.	5	9	4	1.52	4.0	0.54	0.13
	And	26	30	4	0.51	2.0	0.57	0.30
Union S	ANT-24	6	16	10	4.46	8.9	2.21	0.53
	incl.	10	12	2	11.25	6.5	3.16	0.73
* includes 5 to 11m of <100ppb Au								

The trenching results announced today include three areas in the Central Altan Nar Area: Riverside, Union North and Union South. The following describes each of these target areas and the trenching results. Also, included for reference, are maps and a cross-section showing the location of the trenches and orientation of the mineralized zones.

Union North Prospect

Located 1.3 kilometres northwest of the Discovery Zone, Union North is characterized by north-trending IP chargeability highs with coincident gold geochemical anomalies and locally quartz rubble that can be traced over a 1.3 kilometre strike length to the Union South prospect. Previous drilling (TND-46) returned 47 metres of 1.3 g/t gold, including 9 metres of 4.3 g/t gold, 12 g/t silver, and 1.7% combined lead-zinc. This target is centered on what appears to be a structural intersection and a dilatant offset in the host structure which provided the conduit for more intense, episodic pulses of mineralizing fluids. Five trenches tested the zone within a 150 metre x 150 metre area (see attached map and section). Trench ANT-13 marks the southern extent tested and ANT-15 and ANT-20 the northern extent. The central trenches (ANT-11 and ANT-14) and single drill hole (TND-46) returned very high grades in multiple intersections with up to 20.2 g/t gold, 138 g/t silver, 17% lead and 5.3% zinc over 7 metres. The mineralized zone is characterized by multiple, sub-vertical stockwork breccia shoots, 2 to 20 metres wide, hosted by an andesite volcanic package subsequently cut by porphyritic dykes. Mineralization and alteration are characterized by iron oxides, black quartz and very fine black sulphide material, massive galena, quartz breccia and veins in the higher grade zones, and stockwork stringer veinlets in the lower grade zones. The entire mineralized package is hosted in zones of intense phyllic (sericite-quartz-pyrite) alteration. At least two high grade shoots, 7 to 20 metres wide have been identified to date. The more significant of the two is a new discovery just west of the projected extent of drill hole TND-46. The zone is open to the north and south.

With these recent discoveries it is becoming apparent that the shallow overburden cover can mask even high grade zones and that the property contains many untested targets.

Union South Prospect

Approximately 550 metres south of ANT-13, the southern-most trench in Union North, is trench ANT-24, which tested a small area of quartz float, and a single multi-element geochemical anomaly, coincident with a magnetic low and IP high anomaly under shallow cover. Again, a covered, high grade zone was discovered within one metre from surface that returned 10 metres of 4.46 g/t gold, 8.9 g/t silver and 2.2% lead characterized by intense alteration with significant quartz breccia, veining and stockwork and was well mineralized with galena, trace turquoise, iron oxides, and manganese oxides. This trench is 100 metres north of drillhole TND-29 which intersected 18 metres of 1.0 g/t gold including 4 metres of 3.7 g/t gold. These results demonstrate tremendous potential in this area. Union South and Union North represent a combined 1.3 kilometre long target.

Riverside Prospect

Characterized by an 800 metre long gradient IP and geochemical anomaly, less intense than the adjacent Union (North and South) to the east and Northbow/Southbow targets to the west, the Riverside target was tested by six relatively short trenches. As indicated by previous drilling the Riverside prospect is well mineralized but tends to average less than 1 g/t gold in the southern portion (Trenches ANT-06,07,08,09) increasing in grade moving north (Trenches ANT-10 and ANT-12) to the point where it potentially merges into the Union North target. ANT-10, located approximately 250 metres south of ANT-13 (south end of Union North) returned 14 metres of 1.4 g/t gold.

Discussion of 2013 Altan Nar Trenching Program Results

This program met the planned objectives, to further define the near-surface mineralization identified to date, improve the understanding of the gold mineralized system and prioritize new areas for the next phase of exploration.

The surface expression of the Altan Nar project area is one of low relief with thin Quaternary cover over much of the area, interspersed with low rolling hills. The intense weathering of the altered, sulfide-rich, stockwork breccia zones leaves little surface expression of the targets and little indication of their size other than remnant quartz rubble. As a result, the extent of alteration and mineralization observed in the trenches commonly exceeded that indicated by surface expression. A combination of mapping, geochemical and geophysical surveys has been successful in guiding our exploration to date however it is obvious from the recent program that even the subtlest of anomalies may indicate high grade mineralization under shallow cover and therefore a significant expansion in the surface work will be part of the 2014 program. To date, the Altan Nar targets have not been tested below 250 metres vertical depth; however multiple holes have ended in strong gold mineralization.

The exploration data generated by this program will now be used to develop conceptual plans for initial open pit development. These trench results, in conjunction with previous drill results, confirm the potential for a shallow, large, bulk-tonnage, gold-silver-lead-zinc mineralized system. Following the compilation and interpretation of these results, the Company will begin planning the next program to define new resources and evaluate additional targets within the Altan Nar property.

Qualified Person

J.C. (Chris) Cowan, P.Eng. (Ontario), VP Asia for Erdene, is a Qualified Person as that term is defined in National Instrument 43-101 and has reviewed and approved the technical information contained in this news release. All samples have been assayed at SGS Laboratory in Ulaanbaatar,

Mongolia. In addition to internal checks by SGS Laboratory, the Company incorporates a QA/QC sample protocol utilizing prepared standards, blanks and duplicates.

About Erdene

Erdene Resource Development Corp. is a Canada-based resource company focused on the acquisition, exploration, and development of base and precious metals in underexplored and highly prospective Mongolia. For further information on the Company, please visit www.erdene.com. Erdene has 68,621,503 issued and outstanding common shares and a fully diluted position of 80,165,692 common shares.

Forward-Looking Statements

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