Summary Overview of PGM Mineralized Zones at the North End of the River Valley Deposit near Sudbury, Ontario

Technical Presentation
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NEW AGE METALS
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- NAM owns 100% of the River Valley PGM Project (RVP) and the River Valley Extension Project (RVX), for a strategic land position totalling 15,800 acres
- RVP includes two unpatented Mining Leases and 16 unpatented mining claims
- RVX includes 14 unpatented mining claims

On RVP property, the River Valley PGM Deposit is 12 km long, up to 0.2 km wide and open at depth

- Deposit is offset along NE-SW trending cross-cutting faults into separate zones
- **Exploration Focus**: target higher-grade, near-surface mineralization in north part of River Valley deposit
At the Forefront of Li and PGM Exploration

• The four northern zones at a higher cut-off grade have a contained metal content of approx. 500 Koz Pd+Pt

• Exploration Goal: to double the contained metal content in this north area to 1Moz Pd+Pt

• Target higher grade for drill testing, particularly in the 2 km GAP between Dana North Zone and Pardo Zone

*For details of the current mineral resource estimate, see www.newagemetals.com
Targeting Higher Grade

- IP chargeability map of Dana North Zone area showing anomalies in the footwall
- Footwall rocks at surface are sulphide poor paragneisses and intrusions
2015 Drilling: Discovery at Target T2

Plan view of 0.9 g/t PdEq grade shell (red) showing location of Target T2 in footwall to Dana North Zone. Drill hole traces colour coded for assay results.

- Holes 2015-DN001 and 002 drilled from SSE to NNW to properly test mineralization and geology at Target T2
- Intersected higher grade mineralization over wide intervals at shallow depths, under the main access road to Dana North

In addition to the mineralized intercepts, the stratigraphy of the River Valley Intrusion in the discovery drill holes is upside down, as predicted.
- 2016 Hole DN-T2-06: intersected 4.07 g/t Pd+Pt, 0.18 g/t Au, 0.28% Cu over 9 metres from 178 metres downhole
- 2016 Hole DN-T2-10: intersected 3.09 g/t Pd+Pt, 0.07 g/t Au, 0.19% Cu over 4 metres from 202 metres downhole
- 2016 Hole DN-T2-11: intersected 2.42 g/t Pd+Pt, 0.08 g/t Au, 0.18% Cu over 8 metres from 219 metres downhole
- Target T2 hereafter named the Pine Zone
Geological Model for Pine Zone

Structural Model Analogue

A. Finite strain ellipse and associated foliation lean over in the sense of dextral shear and rotate toward the shear zone during progressive deformation

B. Sigmoidal foliation patterns develop in the dextral shear zone

C. Variations in finite strain ellipse based on foliation patterns

Pine Zone location and orientation due to dextral transposition into coincidence with the West Boundary Shear Zone during ductile fault/fold deformation along the Grenville fault system

from Davis & Reynolds (1996)
Majority of pre-2015 holes drilled from west to east
Five of the Dana North holes intersected River Valley, PGM mineralization and country rocks in footwall
But footwall mineralization not recognized as separate and apart from Dana North Zone until mid-2012
Initial 3D model (translucent red) created 2013
At the Forefront of Li and PGM Exploration

Dana North Cross Section 5172600 mN

Dana North Zone

River Valley Intrusion

paragneiss

WSBZ = West Boundary Shear Zone

Huronian

Target T3

View Looking North
At the Forefront of Li and PGM Exploration

Dana South Zone

Dana South Cross Section 5172025 mN

View Looking North

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TSX.V: NAM    OTCQB: NAMEF
FRANKFURT: P7J
2017 Exploration Plans

- View looking west from above surface at 3D model of the Dana North-Pine Zones
- Note Pine Zone is open to expansion by drilling down-dip towards footwall
  Target T3, up-dip towards surface and laterally along strike towards Pardo Zone
Geophysical Surveys

• Study previous surface and downhole IP geophysical survey data
• Perform new IP geophysical surveys, mainly to expand Pine Zone
• Model and interpret survey data for higher grade drill targets

Drill Priority Targets

• Pine Zone
• Target T3
• Evaluate other Pine Zone like footwall targets
Additional Higher-Grade PGM Targets

- Target T3: large overlapping geological & surface IP chargeability anomaly in footwall to Dana North Zone and possible down-dip continuation of Pine Zone

- Target T9: surface IP chargeability anomaly in footwall to Lismer Zone

- Targets T4-T8: modelling in progress

- Plus Pardo Zone to the north and River Valley Extension Project to the south
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