OSISKO DEVELOPMENT

OCTOBER 2023

TINTIC PROJECT: ASSET SNAPSHOT

100% ODV OWNED

>17,000 ACRES PATENTED (PRIVATE) CLAIMS UTAH, USA

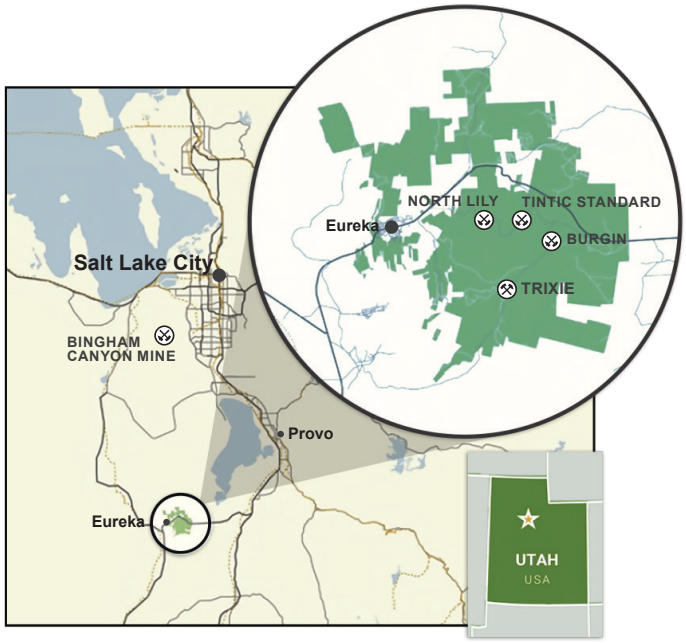
UNDERGROUND MINE TYPE

INITIAL RESOURCE Q1 2023

Au GOLD | Ag SILVER | Cu COPPER | Pb LEAD | Zn ZINC

HIGHLY PRODUCTIVE HISTORICAL MINING DISTRICT

- Located 95 km south of Salt Lake City, Utah, ~65 km from the prolific Bingham Canyon copper mine, one of the largest operating open pit mines globally
- Fast-tracking Trixie while advancing other prospective exploration targets, including high quality porphyry, epithermal and CRD targets
- Second largest metal producing district in Utah following Bingham, with 23 past-producing mines located within the Tintic property



Upcoming Catalysts:

TRIXIE INITIAL MRE (Q1 2023) **COMPLETE**	DECLINE TO TRIXIE MAIN 625 LEVEL (95% COMPLETE)	COPPER PORPHYRY TARGET DRILLING (COMMENCED OCT 2023)

HIGH-GRADE DEPOSIT

- MRE comprises small footprint (380 m strike length x 85 m width x 140 m depth)

ONLY ~10% OF THE MAIN TRIXIE AREA EXPLORED TO DATE

DEPOSIT STABLE TO COG VARIATION

74.2 g/t Au AND 95.65 g/t Ag

- Average length weighted grade of all 4,550 chip samples collected (as of the date of the MRE)

TRIXIE MINERAL RESOURCES ESTIMATE (MRE)

January 10, 2023[1]

RESOURCE CATEGORY	TONNES (000's)	METAL GRADE (g/t Au)	METAL GRADE (g/t Ag)	CONTAINED METAL (000's oz Au)	CONTAINED METAL (000's oz Ag)
MEASURED	11	190.61	195.53	67	69
INDICATED	225	20.17	43.73	146	316
M & I	236	28.08	50.77	213	385
INFERRED	385	19.64	42.82	243	530

1. Refer to the full text of the Trixie MRE Technical Report for the assumptions, qualifications and limitations relating to the Trixie MRE. A cut-off grade of 4.85 g/t Au was used.

NYSE: ODV | TSXV: ODV
www.osiskodev.com

VRIFY Virtual Tour
vrify.com/decks/12801

Contact us:
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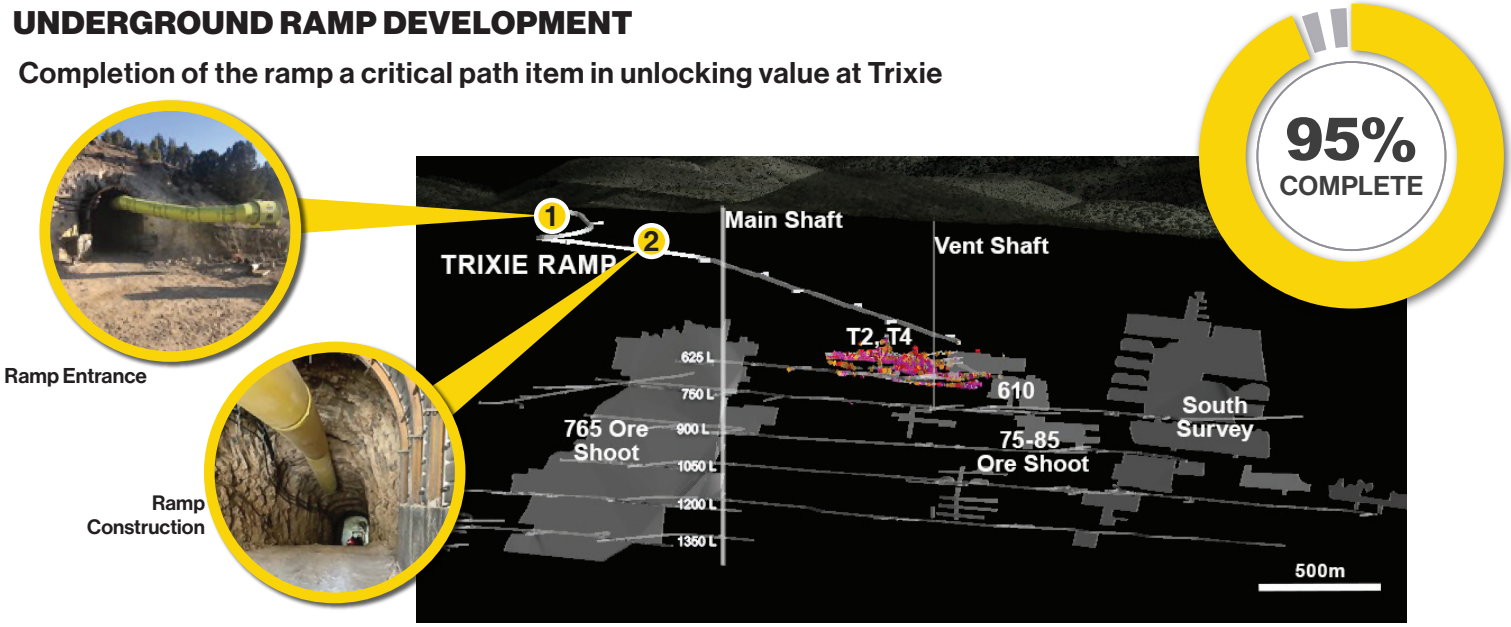
UNDERGROUND RAMP DEVELOPMENT

Completion of the ramp a critical path item in unlocking value at Trixie



ADVANCING ~1,390 M (4,550 ft.) RAMP FROM SURFACE (5x5 m or 16x16 ft.)

- Enables bulk extraction at higher tonnage by providing underground access to a modern, mechanized fleet
- Accelerates development and exploration activities at lower levels

TINTIC REGIONAL EXPLORATION POTENTIAL

Highly prospective 5 km long corridor with 23 historic mines, extensive legacy datasets

1 EPITHERMAL HIGH-GRADE Au-Ag

Epithermal vein / breccia systems hosted primarily within the basal Tintic Quartzite host rock, found at the Trixie, Eureka Standard and the deeper levels of North Lily mines

2 CARBONATE REPLACEMENT ("CRD") Ag-Pb-Zn

Replacement of reactive limestone more distal from causative porphyry centers on the margins of district

Accounts for most historical production within Tintic, including Burgin, Tintic Standard, and North Lily mines

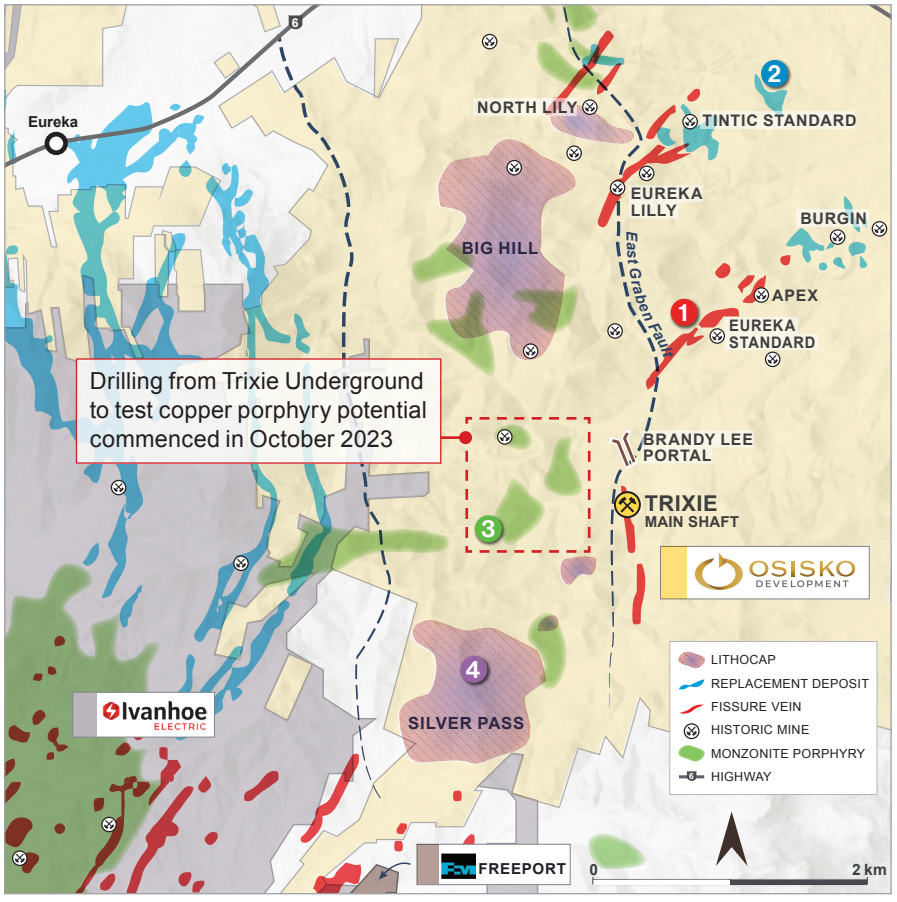
3 PORPHYRY Cu-Au-Mo POTENTIAL

Advanced argillic alteration in a NNE trend of remnant **LITHOCAPS** 4 potentially marks a lineament of porphyry centers at depth. Historic drill testing intersected low grade porphyry mineralization

East Tintic Au-rich epithermal mineralization zones run vertically downwards and to the west from Pb-Ag-Zn CRD's to Au-Ag-Cu epithermal veins and breccias

Structurally associated to East graben fault and splays

Indicating fluid flow from deeper porphyry centers in the graben



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