

AER Kidd Property

Worthington Offset – SIC



SPC Nickel Corp
Q1 2023



WORLD CLASS SUDBURY MINING CAMP

World Class Ni-Cu-PGM Camp

- 2nd largest Nickel camp in the world
- 125 years of continuous production
- Basin hosts >1.6Bt @ ~1.2% Ni, ~1.0% Cu and 0.8g/t Pt+Pd

Productive Camp

- Total production of 11.1Mt of Ni and 10.8Mt of Cu
- Currently 8 active Ni-Cu-PGM mines

High-grade Deposits

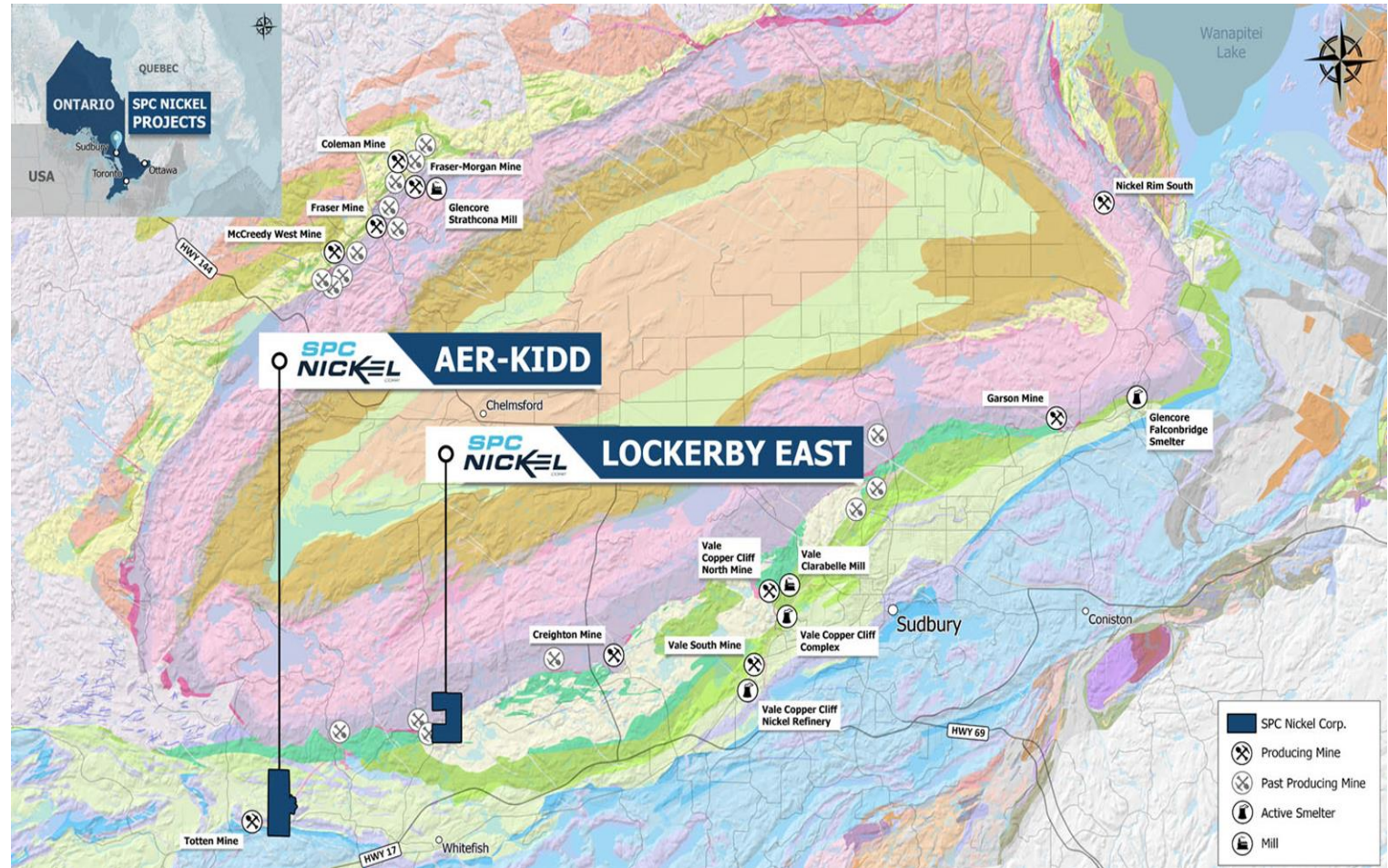
- Victoria deposit (KGHM) – 14.5Mt @ 2.5% Ni, 2.5% Cu and 7.6 g/t PGM
- In-situ metal value of \$13.0B with \$900/t ore

Infrastructure

- 2 active mills and 2 active smelters – Under supplied
- Highly skilled local mining service industry

Discovery and Development

- Since 2012, in excess of \$6.0B has been invested into the camp.
- New deposits being discovery and developed (Norman West, Onaping Depth Mine)



WORTHINGTON OFFSET DYKE

Worthington Offset

- One of the more active areas in the basin.
- Strike length of 11km

Totten Mine (Sudbury's newest mine)

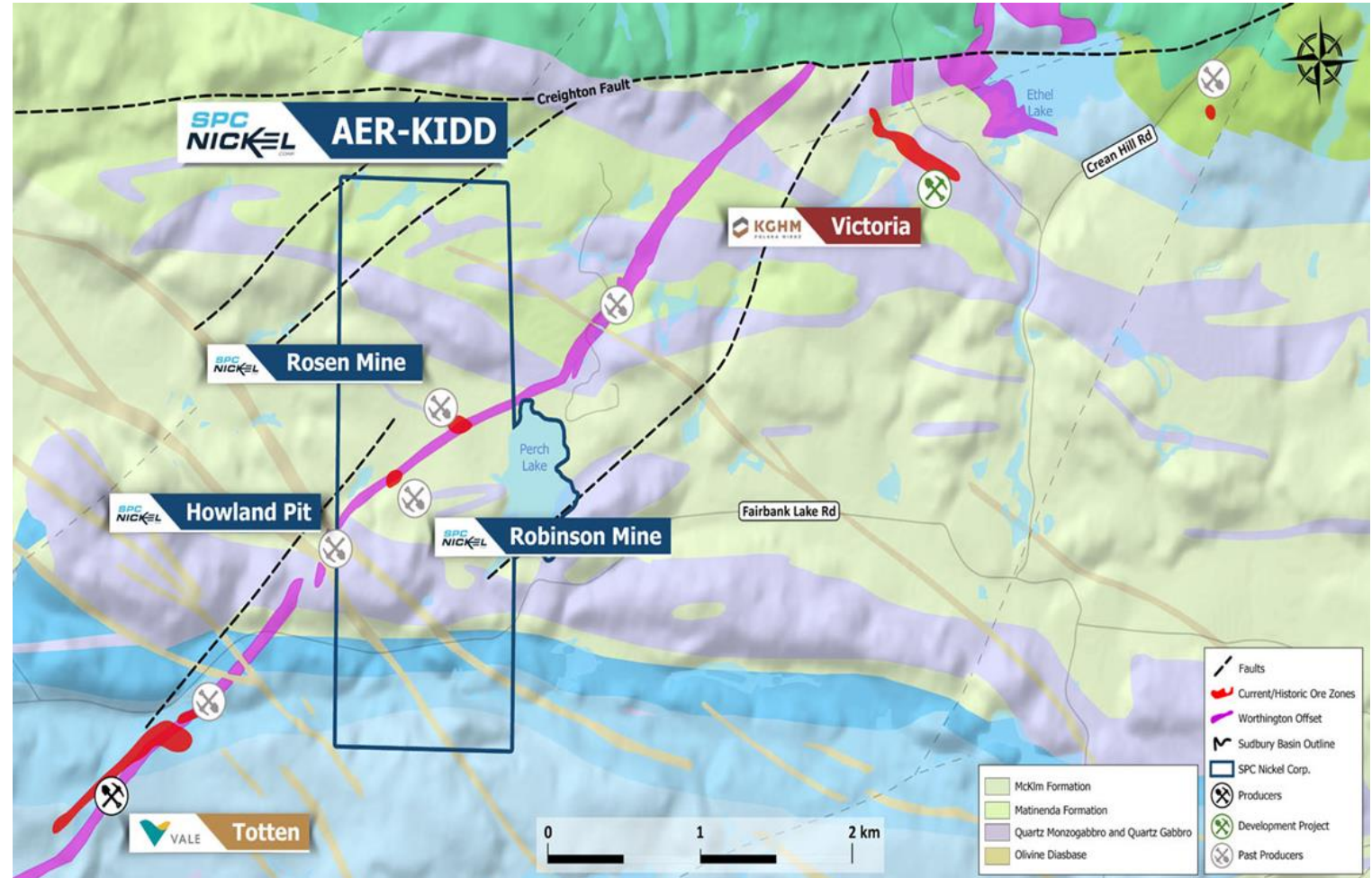
- Discovery in 90's and commercial production in 2010.
- 10.5Mt @ 1.5% Ni, 2.0% Cu, 4.8g/t PGM

Victoria Project (Development)

- Discovered in 2010 (QuadaFNX)
- 416.8m @ 0.6% Ni, 1.3% Cu, 2.2g/t PGM
- 14.5Mt @ 2.5% Ni, 2.5% Cu, 7.8g/t PGM

Aer-Kidd Project (Exploration)

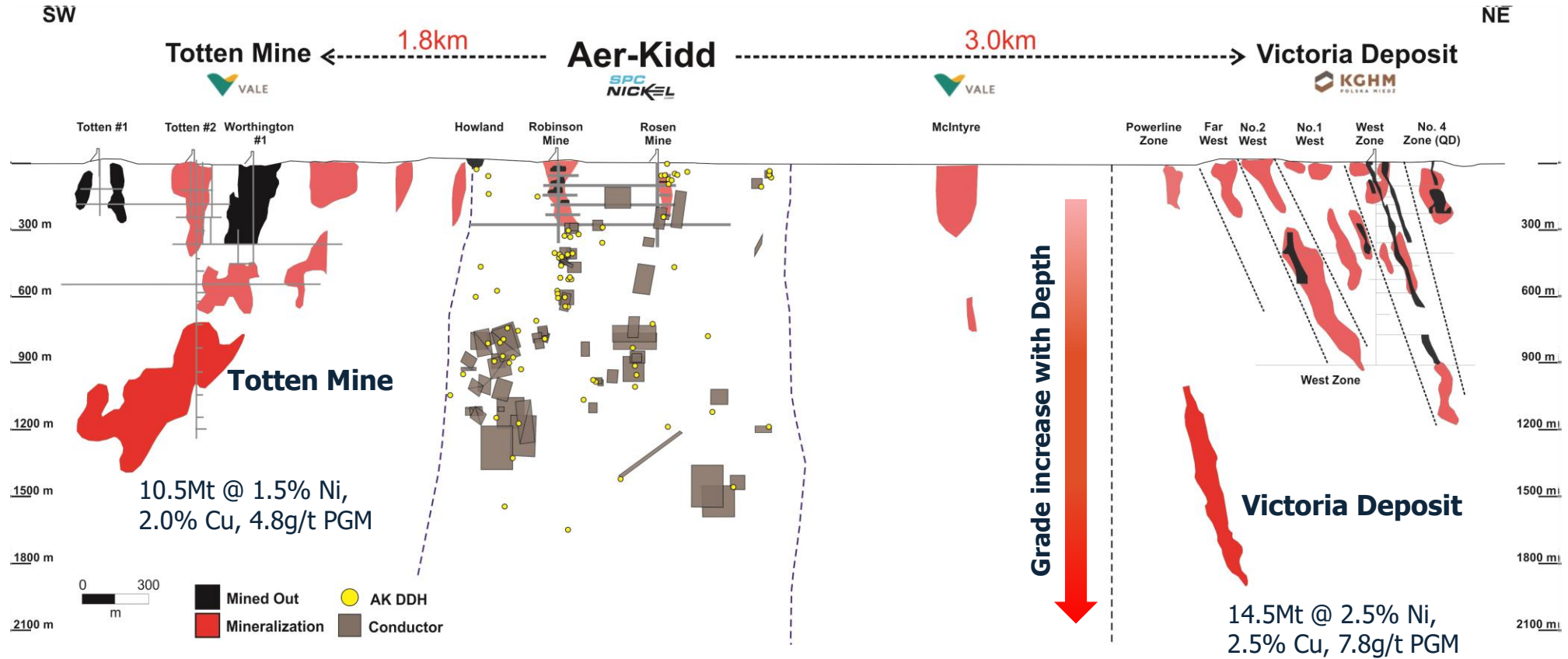
- Property acquired in 2013
- 1.5km portion of the Worthington Offset dyke
- Three past producing mines (Howland, Robinson and Rosen (1900-1960's)



Cautionary Statement: Mineralization identified on adjacent properties does not necessarily indicate that mineralization will be identified on the Aer-Kidd Property. The Author has been unable to verify the information on the adjacent property and the information regarding the adjacent property is not necessarily indicative of the mineralization on the Aer-Kidd Property.

WORTHINGTON OFFSET – LONG SECTION

> Aer-Kidd – Positioned between two world class assets



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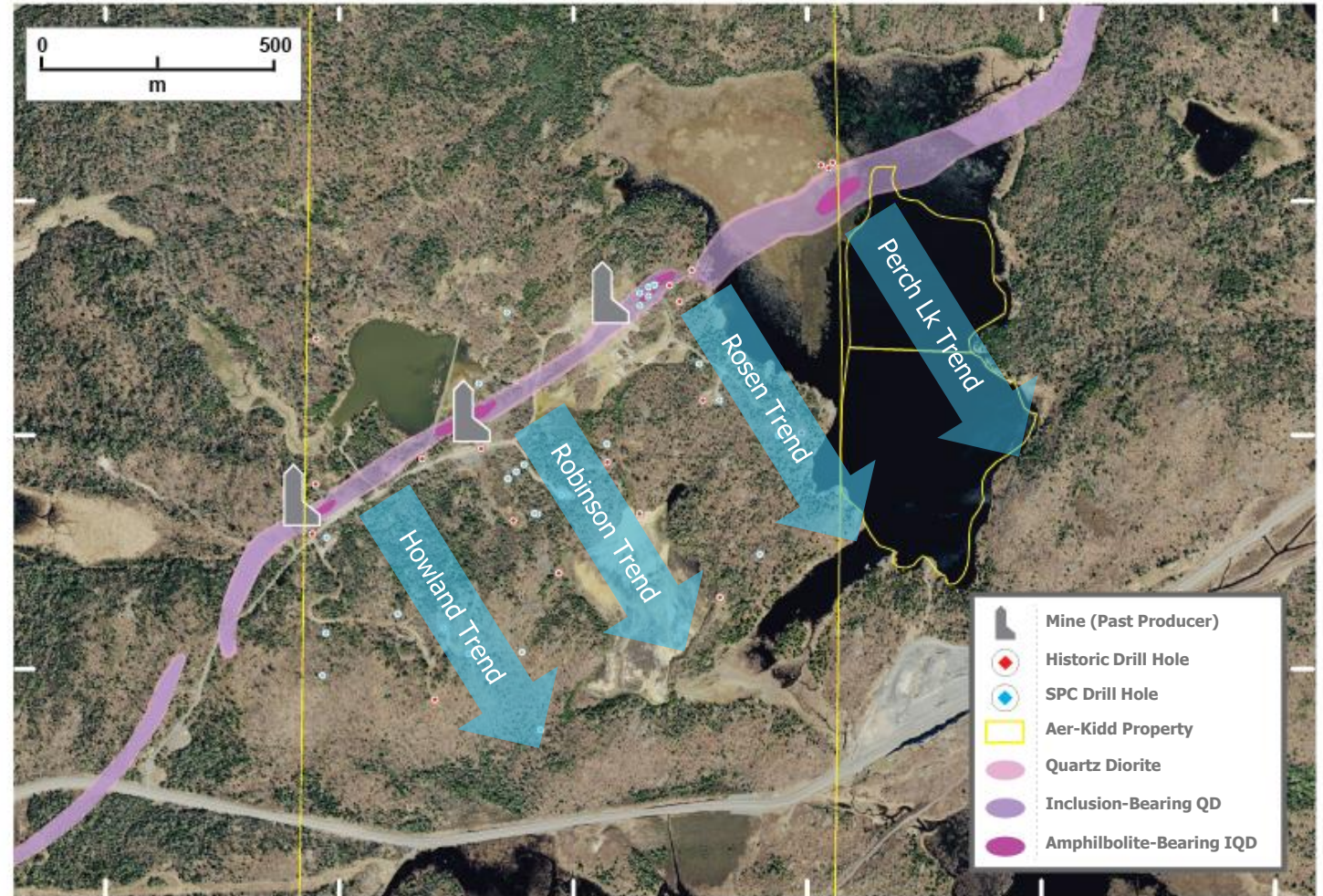
AER-KIDD PROPERTY

Geology

- Property covers a 1.5km portion of the offset dyke.
- 35 - 50m wide steeply dipping to the SE.
- Amphibolite-bearing IQD (AIQD) is the host of mineralization on the property.
- 4 zones of AIQD extending from surface to >1500m have been identified on the property.

Mineralization

- High-grade massive sulphide occurring interstitial to large breccia fragments (up to 15m in length)
- High-tenor sulphides (6.5 wt.% Ni), High PGM values (7.9% Ni, 7.5% Cu, 4.36 g/t Pt, 128.5 g/t Pd, 0.99 g/t Au over 0.25m)
- Fragments carry little to no grade and account for 50-60% of host rock.
- Three past producing mines: Howland Pit, Robinson Mine and Rosen Mine. Host rock and mineralization is similar to what is observed at Totten and Victoria.



AER-KIDD MINERALIZATION

Drilling

- SPC has completed 25,400m of drilling to date
- Targeting zones of AIQD, EM anomalies and mineralization

Howland Trend

- AK-14-001A: 1.04% Ni, 0.75% Cu, 0.69g/t Pt, 1.52g/t Pd, 0.19g/t Au over 8.10m from 900.8m
- U9E-23: 0.34% Ni, 1.30% Cu over 30.0m from 716.0m
- AK-14-001: 1.37% Ni, 0.50% Cu, 0.32g/t Pt, 1.21g/t Pd, 0.11g/t Au over 1.75m from 960.1m

Robinson Trend

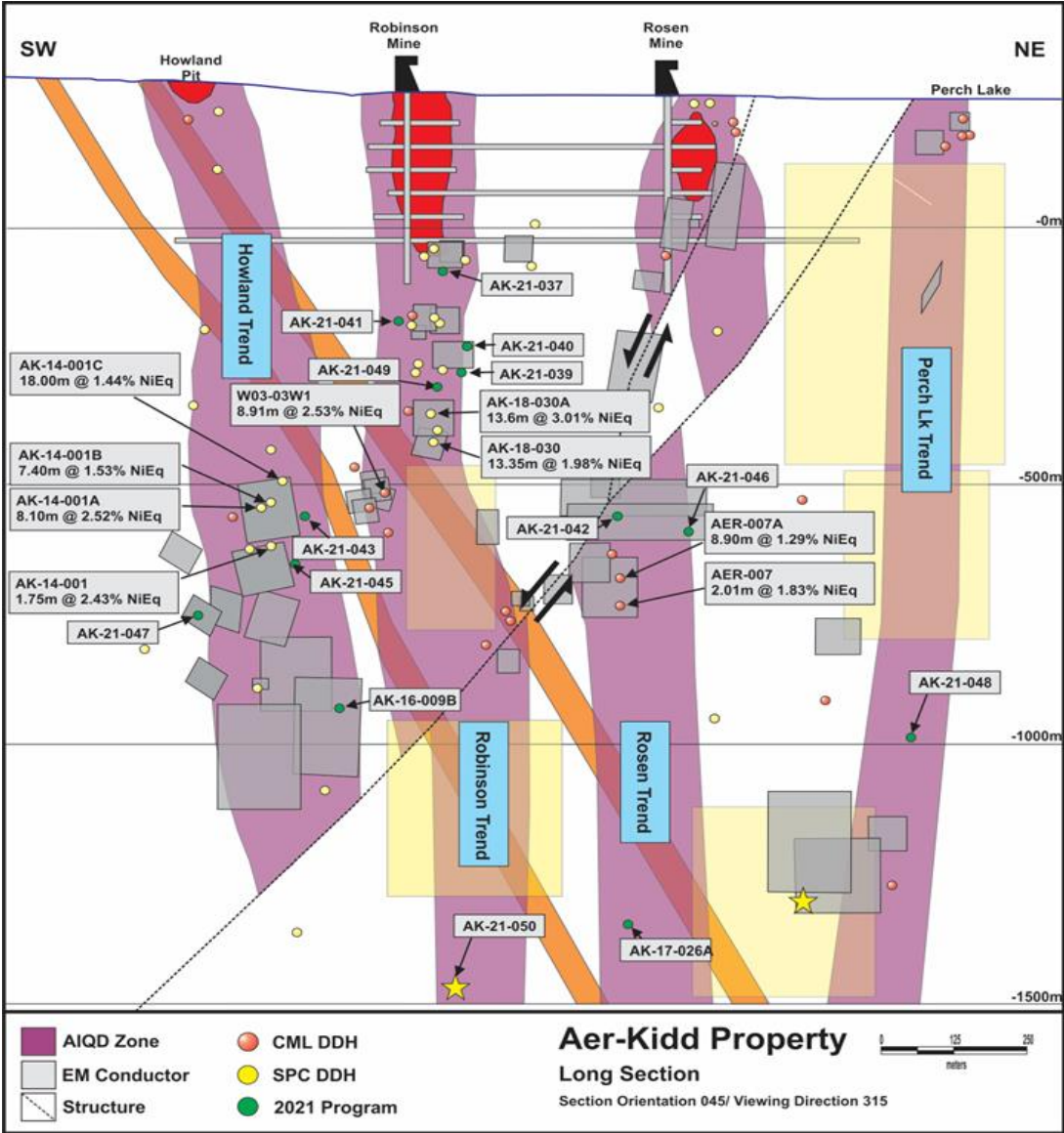
- AK-14-003: 0.67% Ni, 0.99% Cu, 0.80g/t Pt, 0.50g/t Pd, 0.16g/t Au over 9.15m from 566.45m
- AK-18-030: 0.61% Ni, 0.92% Cu, 1.52g/t Pt, 0.69g/t Pd, 0.29g/t Au over 13.35m from 696.75m
- AK-18-030A: 0.66% Ni, 1.22% Cu, 0.74g/t Pt, 2.57g/t Pd, 0.15g/t Au over 13.60m from 651.5m
- AK-19-035: 0.54% Ni, 0.41% Cu, 0.97g/t Pt, 0.79 g/t Pd, 2.08 g/t Au over 22.45m from 430.95m
- W03-03AW1: 1.42% Ni, 0.62% Cu over 8.91m from 844.16m

Rosen Trend

- AK-17-020: 0.91% Ni, 0.28% Cu, 0.46g/t Pt, 0.23g/t Pd, 0.11g/t Au over 12.35m from 70.55m
- AER-007: 1.20% Ni, 0.83% Cu over 2.01m from 1051.8m

Perch Lake Trend

- AER-008: 1.06% Ni, 0.67% Cu over 0.25m from 57.30m



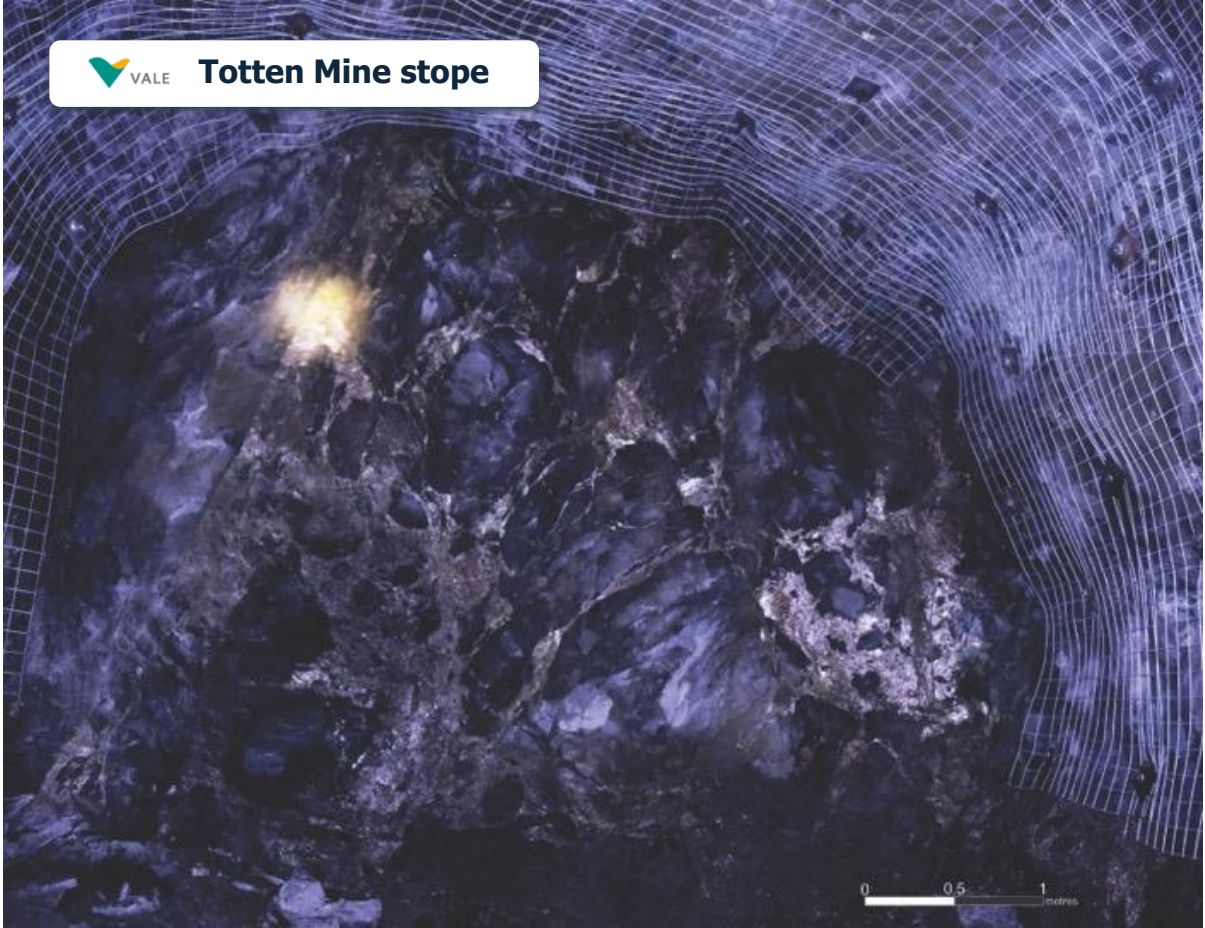
SULPHIDE MINERALIZATION

AK-14-001A

- Drilled to test an EM anomaly on the Howland Trend.
- Hole intersected high-grade massive sulphide and many large barren breccia fragments.
- AK-14-001A: 1.04% Ni, 0.75% Cu, 0.69g/t Pt, 1.52g/t Pd, 0.19g/t Au over 8.10m from 900.8m




AK-14-001A: Results

From	To	Length	Rock Type	Ni %	Cu %	Pt	Pd	Au
900.80	901.15	0.35	Massive sulphide	1.78	0.61	0.65	0.24	0.06
901.15	902.00	0.85	Quartz Diorite	0.09	0.30	0.27	0.41	0.11
902.00	902.60	0.60	Massive sulphide	2.23	0.67	0.34	0.19	0.01
902.60	903.00	0.40	Amphibolite	0.38	0.58	0.12	0.13	0.03
903.00	903.80	0.80	Massive sulphide	2.48	0.23	0.42	0.19	0.02
903.80	905.00	1.20	Amphibolite	0.05	0.07	0.05	0.16	0.02
905.00	906.00	1.00	Amphibolite	0.06	0.23	0.05	0.05	0.03
906.00	907.25	1.25	Amphibolite	0.04	0.31	0.04	0.22	0.02
907.25	908.10	0.85	Massive sulphide	3.60	4.12	3.69	1.24	0.46
908.10	908.50	0.40	Quartz Diorite	0.11	0.31	0.18	0.87	0.34
908.50	908.90	0.40	Massive sulphide	2.42	1.12	2.97	24.20	1.94



Future Exploration

Known Mineralization

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 - > Fill in areas of known mineralization to define known lenses.
 - > AK-15-003
 - > AK-18-030
 - > AK-14-001
 - > W03-03A1
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 - > Explore the shallow Mineralization under the Lake which lacks any recent drilling.
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 - > Wedge off most recent Deep hole to fill in gap above.

