



Corporate Presentation

May 2025

Management Team

Alexander (Sandy) Stares Director, President and CEO

Michael MacIsaac P.Geol VP Exploration

Nikolaos (Nick) S. Tsimidis CFO, Director

Wayne Reid P.Geol Director

Michael Stares Director

Pat Mohan Director

John Anderson Director



Capital Structure

STOCK INFO

(as of May 21, 2025)

Symbol: TSX-V: MEK

Issued & Outstanding: 186,841,866

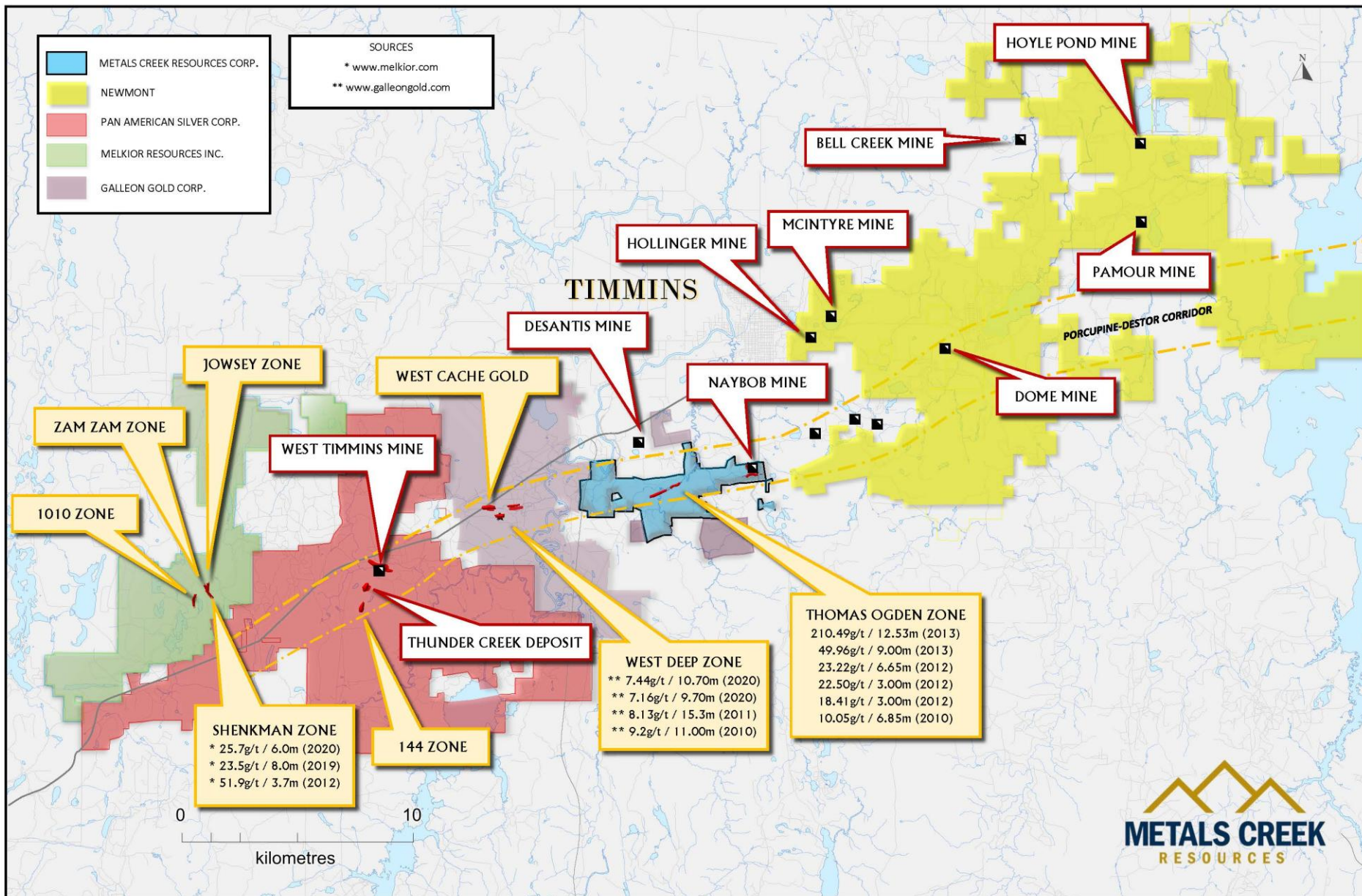
Share Price: \$0.025

Market Cap: \$4.6 Million



Ogden Gold Project, Timmins Gold Camp Ontario

Timmins Gold Camp





Ogden Gold Project – 50/50 JV with Discovery Silver

Metals Creeks Flagship Property.

Drilling in the shadow of the Head Frames in Canada's most prolific Gold Camp

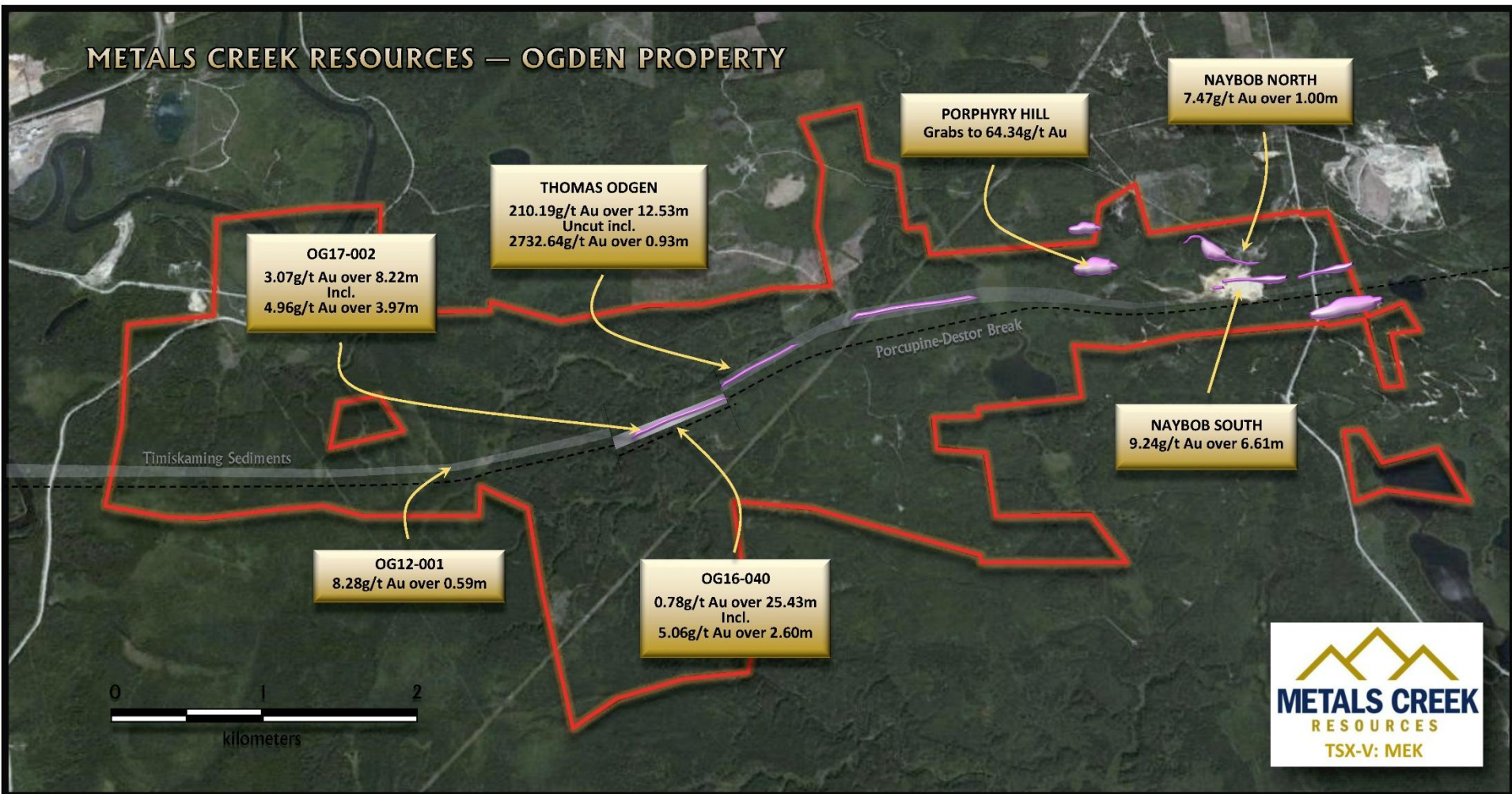
Metals Creek and Discovery Silver 50/50 joint venture with MEK being operator

Over 8km of strike length of the Porcupine-Destor Break, the key conduit for gold mineralization in the Timmins camp

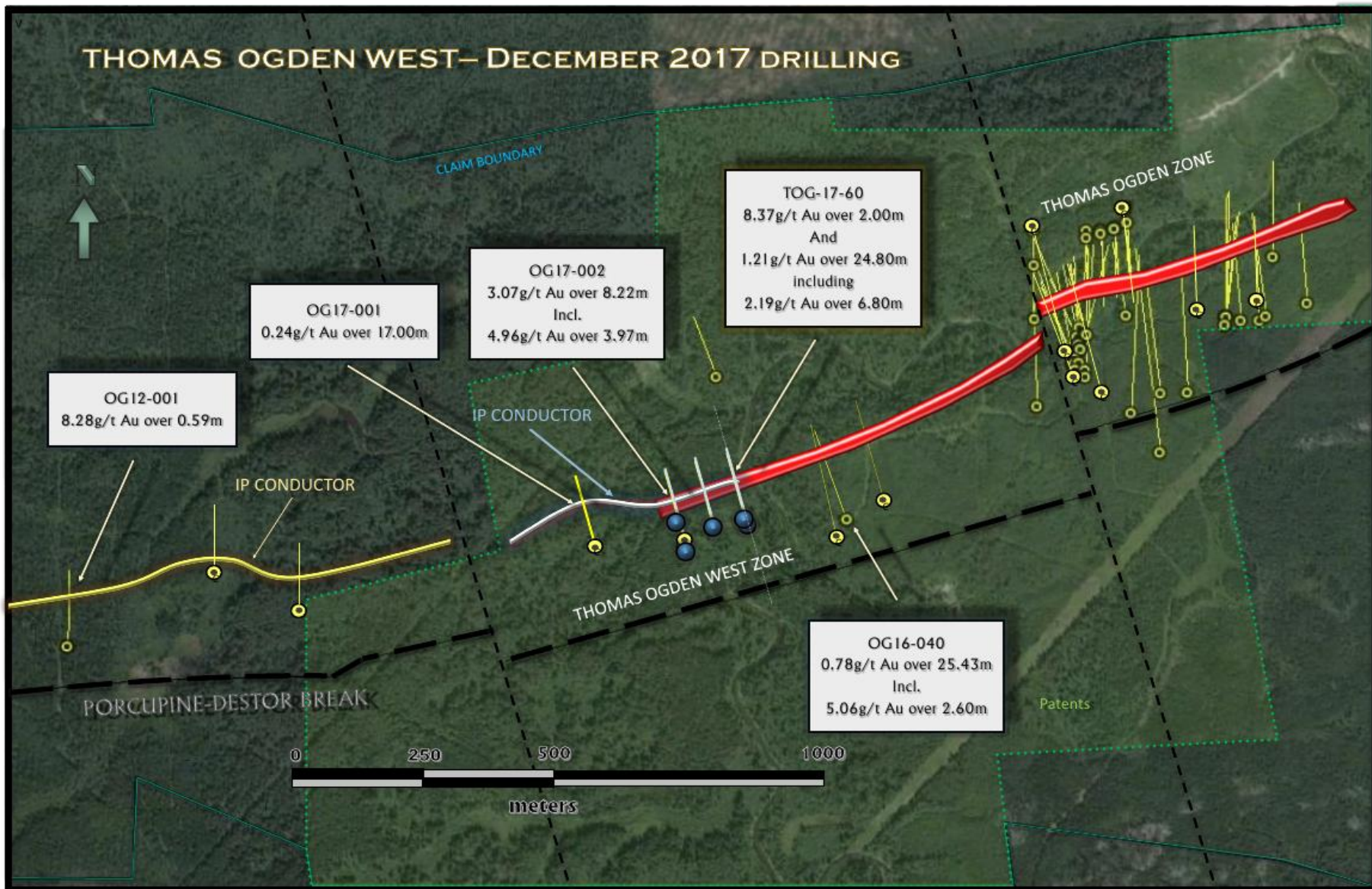
6 mineralized gold zones

Property hosts a historic non 43-101 compliant resource of 1Mt @ 4.12 g/t Au

Ogden Gold Project – Gold Zones



THOMAS OGDEN WEST- DECEMBER 2017 DRILLING



Thomas Ogden Zone

MEK results from drilling

210.19 g/t Au over 12.53 m, including 2732.6 g/t (2.73 kg) over 0.93 m

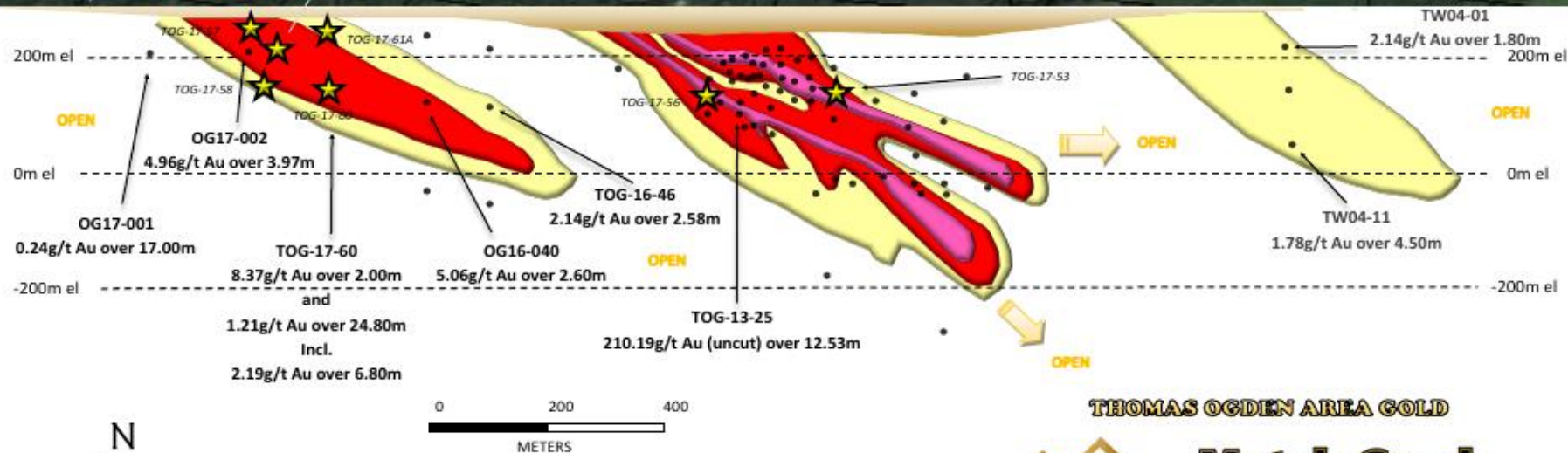
49.96 g/t Au over 9m April 2013

1.94g/t over 94m February 2012

2.20 g/t Au over 75.85m including 5.26g/t over 23.4 m

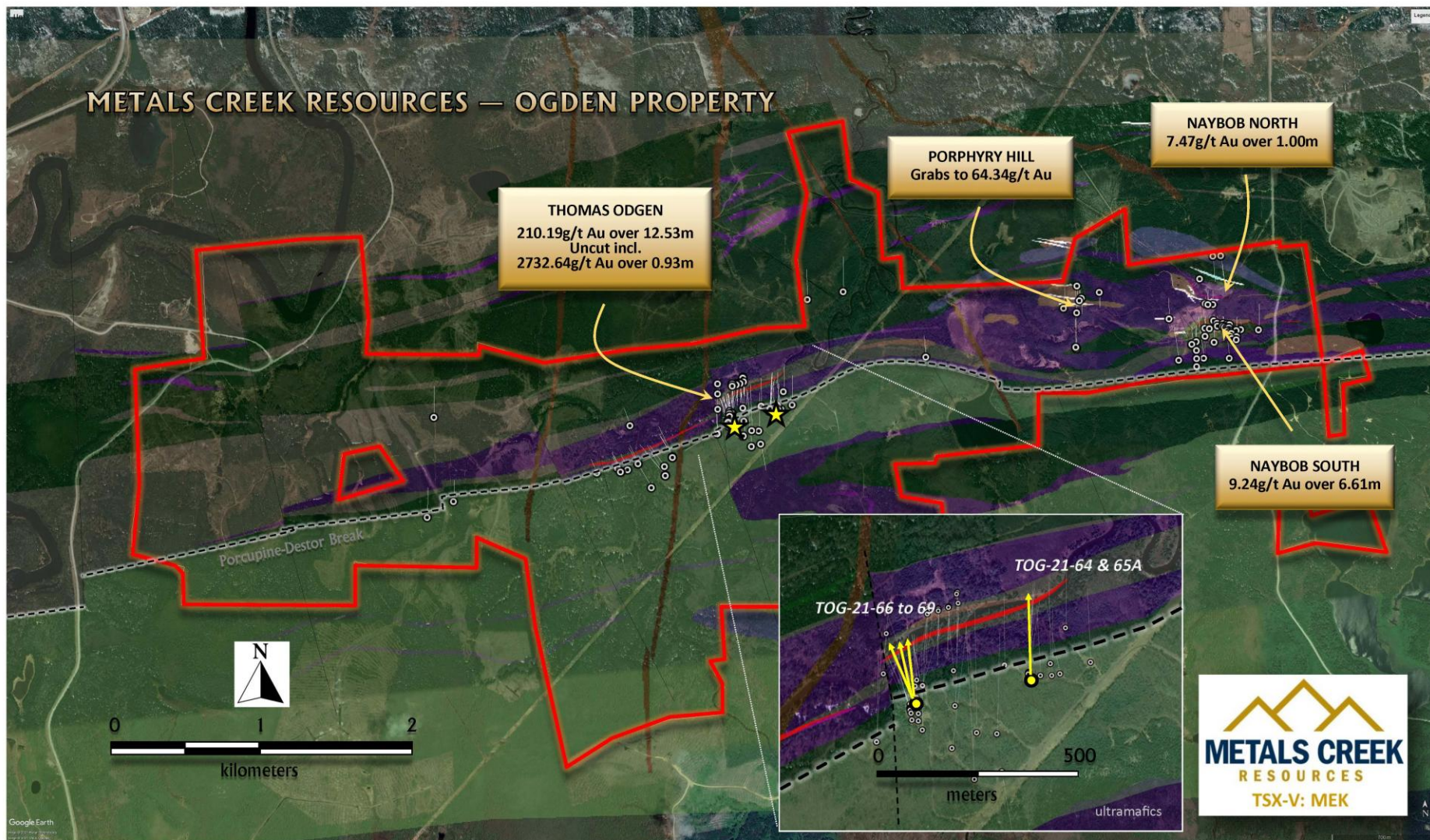
Step out drilling 480m west of TOZ hit 5.06g/t over 2.6 meters.

Additional step out drilling 1 km west of TOZ hit 3.07g/t over 8.22 meters, including 4.96g/t over 3.97 meters



SCHEMATIC LONG-SECTION

2021 Drilling Utilizing Oriented Core



Drill Hole	Total Meters	g/t Gold
TOG 11-11	94.00	1.94
TOG 12-03	27.50	1.14
and	23.30	5.73
TOG 12-05	43.70	2.34
including	15.00	5.04
TOG 12-06	16.27	5.83
TOG 12-07	18.55	8.62
including	6.65	21.60
and	11.75	1.11
and	26.92	1.89
TOG 12-08	47.00	1.94
and	17.00	3.75
TOG 12-09	24.86	1.11
TOG 13-27	9.00	49.96
including	1.00	434.77
TOG 13-24	11.4	3.91
and	20.8	1.32
TOG 13-25	12.53	210.19
including	0.93	2732.64
TOG 16-47	22.03	2.30
TOG 16-48	13.45	4.06
TOG 21-65A	8.10	5.40
TOG 22-73	5.6	4.2
TOG 22-74A	14.66	3.6
including	4.55	5.4
and including	5.13	4.3

TOG-21-65A: VG-bearing Zone (350.6 to 352.25m)

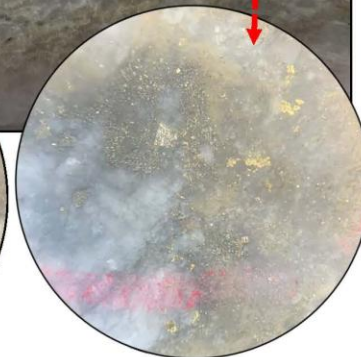
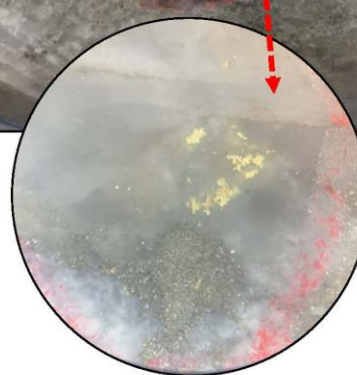
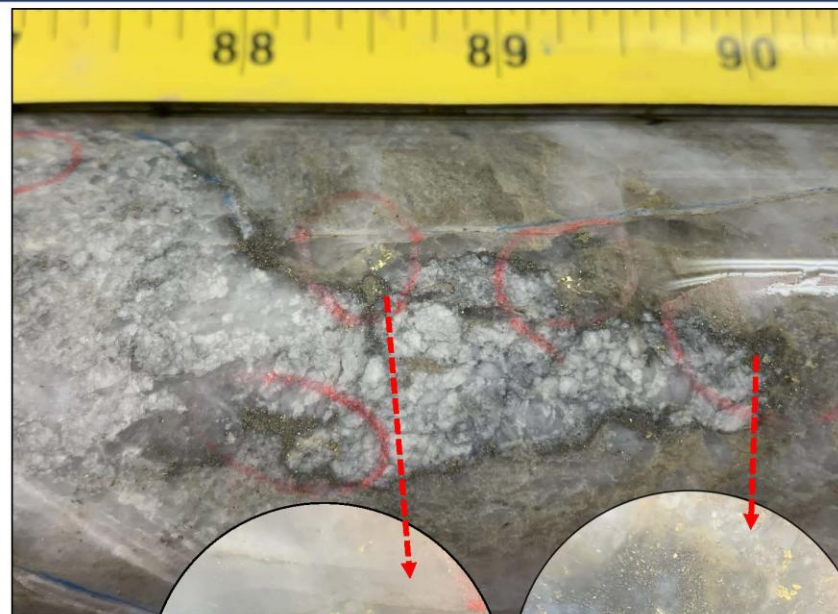
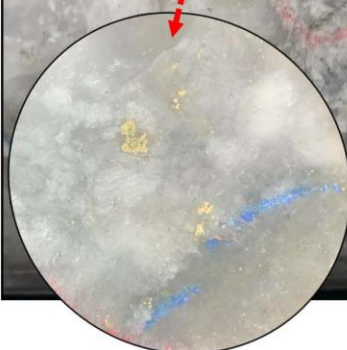
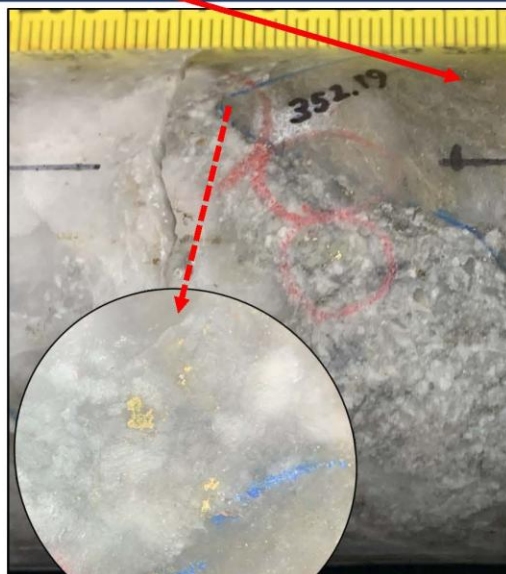
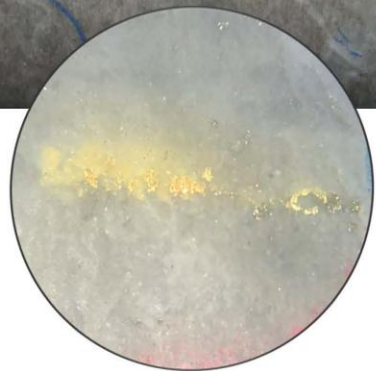
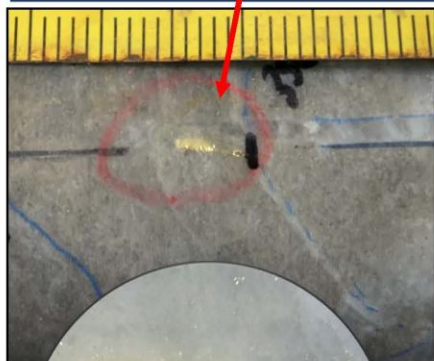


General Description of Zone

A total of 30 clusters of visible gold were observed between 350.62 and 352.25m (red-outlined area, as shown above). Specks and blebs of gold vary in coarseness between <0.25 and 3 mm, mainly occurring tangentially to, or within, narrow white/translucent quartz stringers/patches of silicification. Narrow short micro-bands/wisps of VG get as coarse as 3mm long by 1mm wide.

The zone is characterized as a strongly (silica/albite/iron carbonate) altered felsite unit. Trace fine- to very fine-grained sphalerite is also present locally within a blebby white quartz-carbonate veinlet in this interval (at 351.6m), and is associated with small clots of dark green chlorite and trace fine-grained pyrite. Very fine- to fine-grained disseminated cubic pyrite is the dominant sulfide and occurs as scattered grains throughout the altered matrix and less commonly, within the odd white quartz-carbonate veinlet. No visible arsenopyrite was discerned during logging. Trace very fine- to fine-grained blebs of chalcocopyrite not observed within VG-bearing interval, but occurs proximal to both the upper and lower contacts of the interval at 350.50m, 354.90m and 356.03m.

Close-up Photos of VG-bearing Zone



350.63m: 3mm by 1mm wide VG wisp/band tangential to a flat-lying veinlet composed of pale grey/translucent quartz, hosted within altered felsite host rock

~352.2m: very fine- to fine-grained VG observed in close proximity to very fine-grained seams of brassy pyrite along the boundaries of a bleb of fine-grained white-pale grey feldspar grains and clear quartz

Visible Gold in Core



Naybob South Zone

Historic Results

6.33 g/t Au over 5.37m

11.85 g/t Au over 1.83m

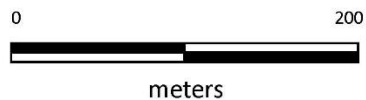
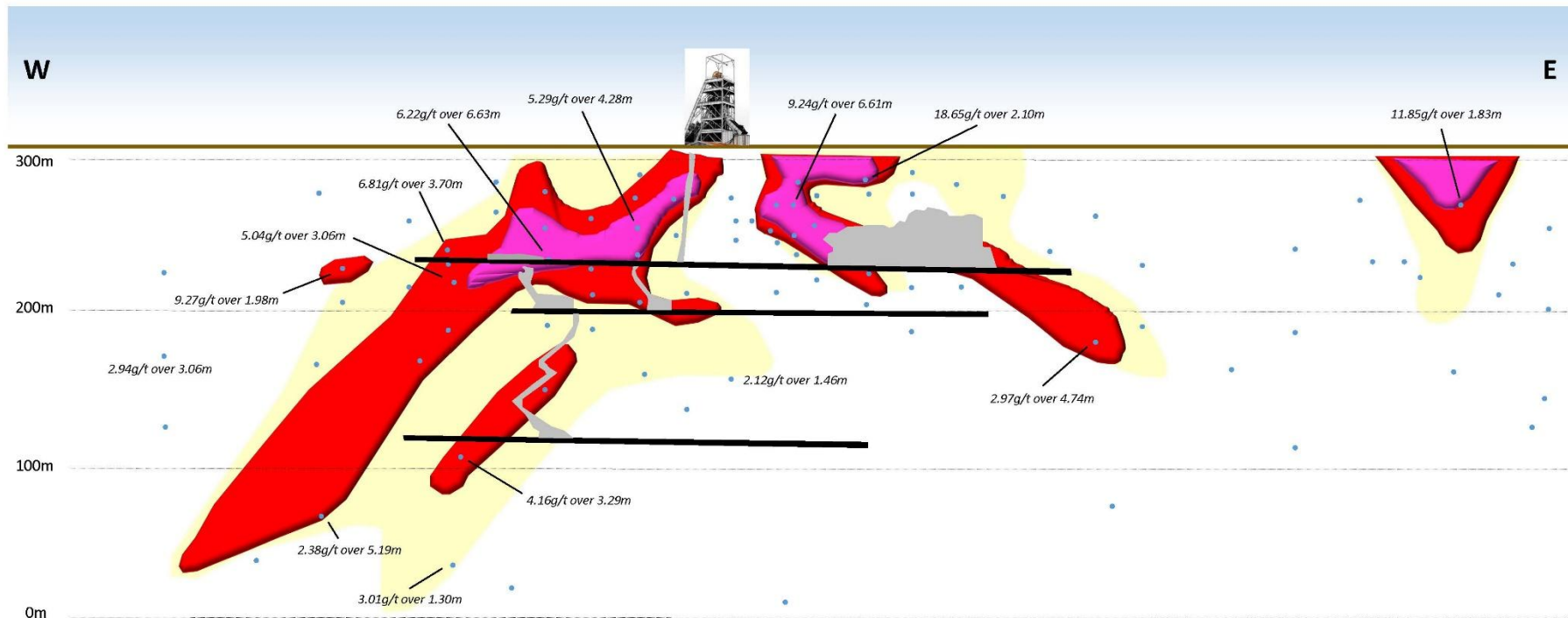
MEK recent drill results

9.24 g/t Au over 6.61m

6.22 g/t Au over 6.63m

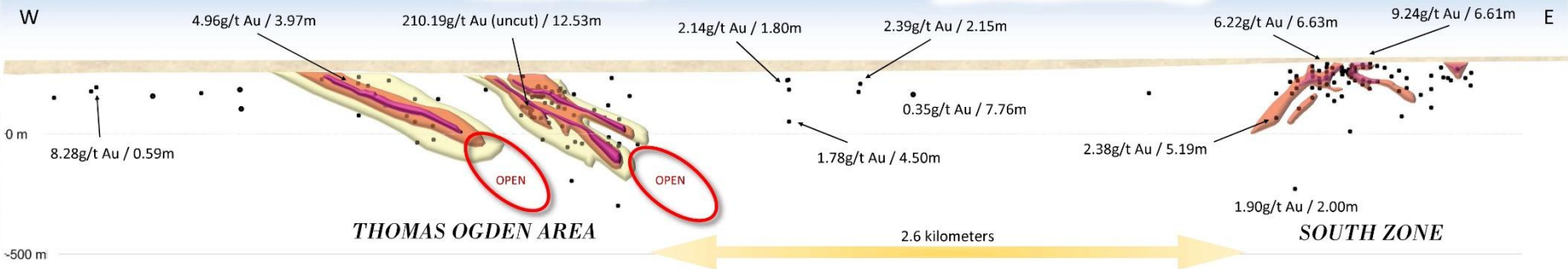
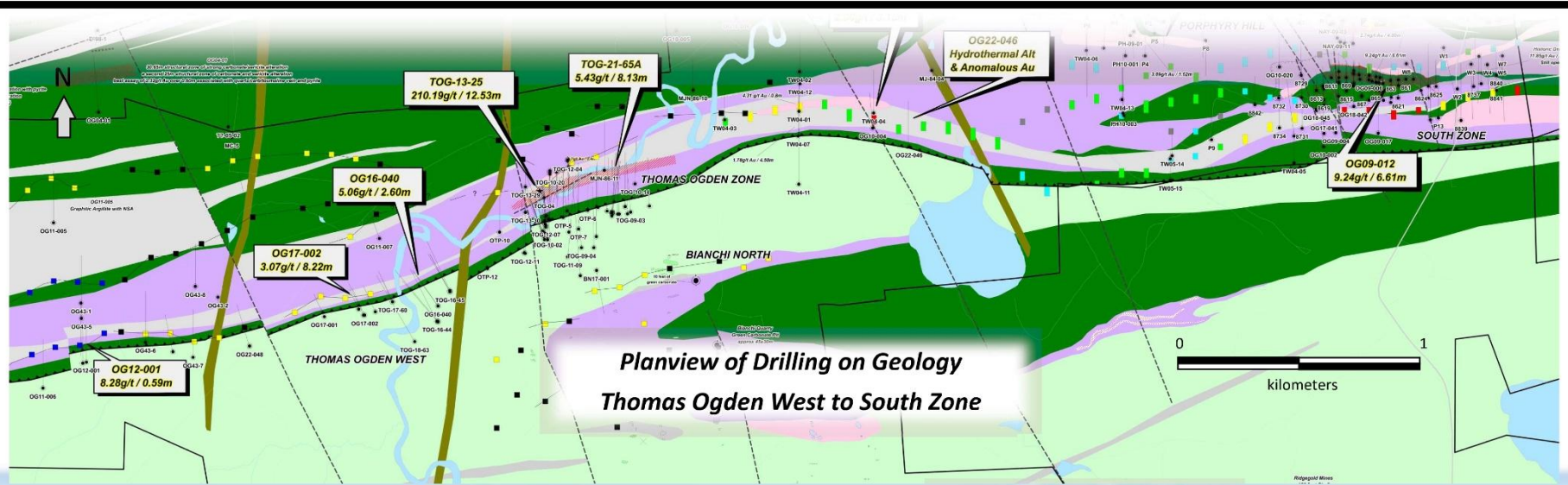
- all with visible gold at less than 100 meters vertical depth.
- close to existing infrastructure.

Naybob South Longsection

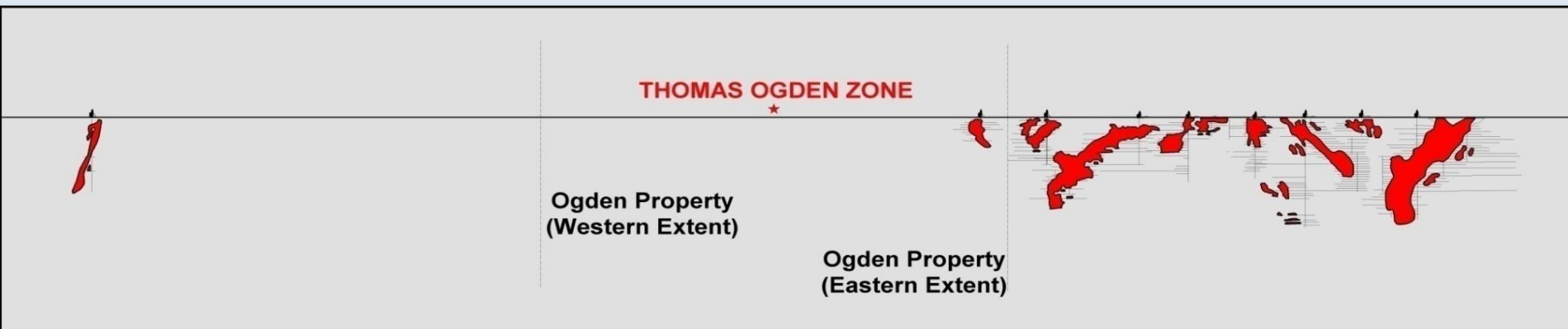
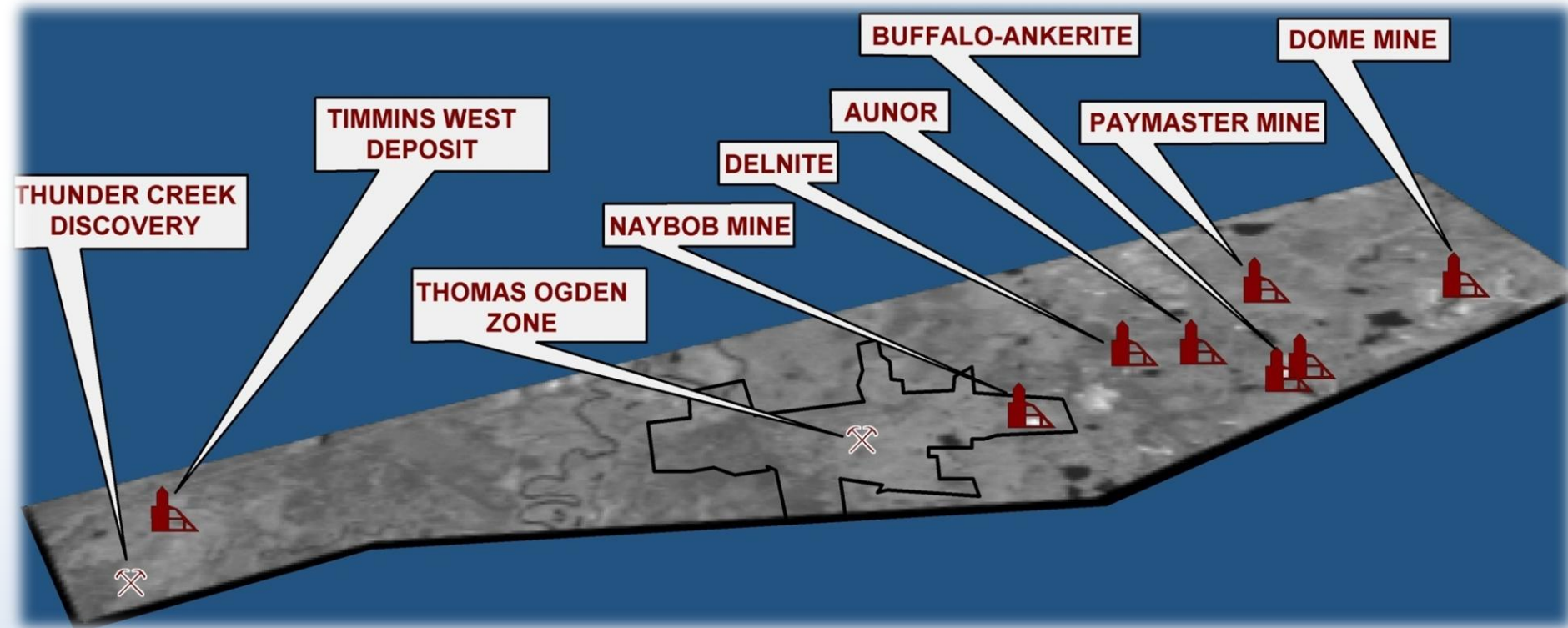


SOUTH ZONE
SCHEMATIC
LONG-SECTION

Ogden Property



Schematic Longsection



Key Points about Ogden Gold Project

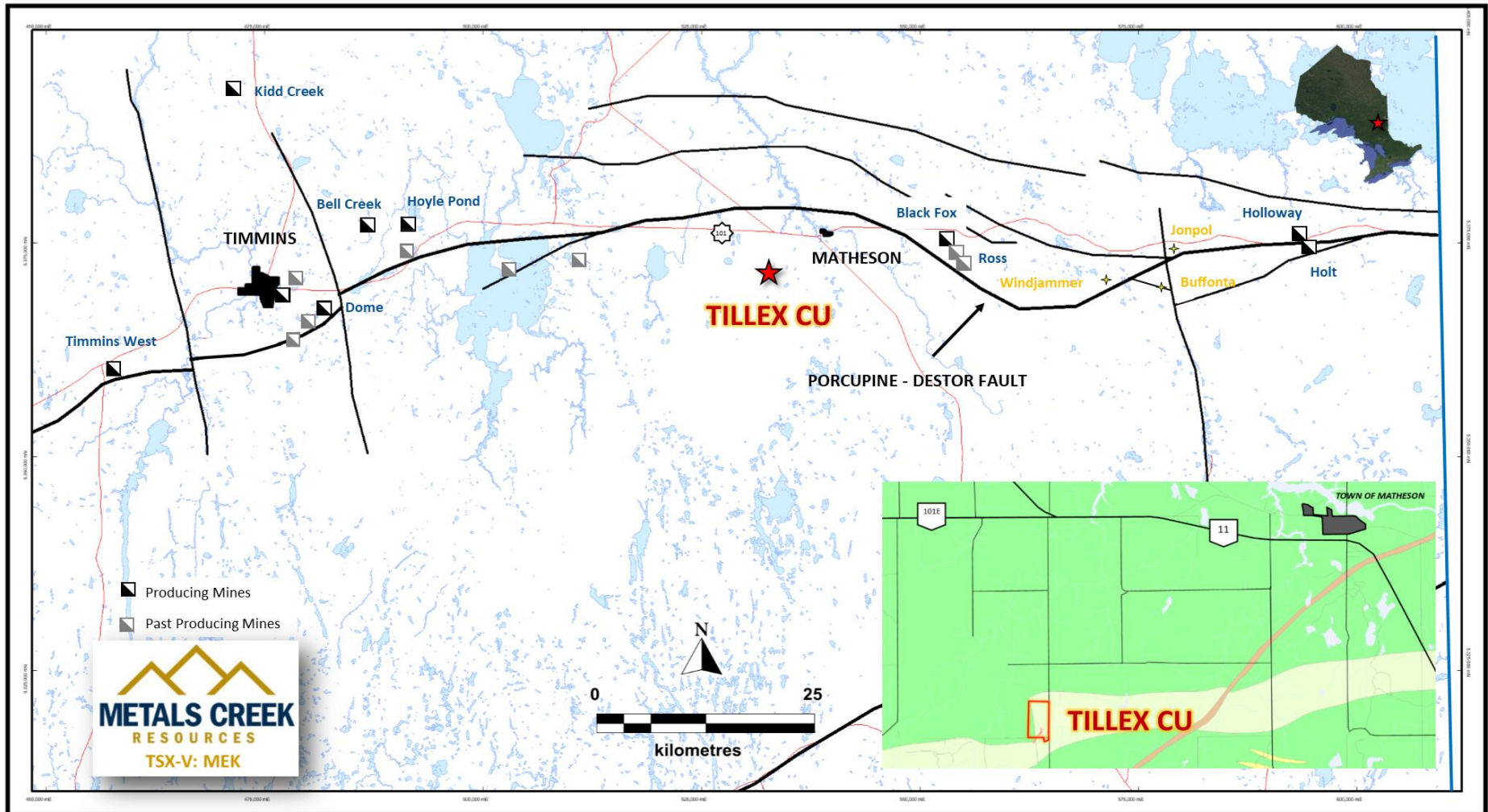
Location ! Location ! Location !

- Located in the Prolific Timmins Gold Camp
- 50/50 Joint Venture with Discovery, MEK is the operator
- High grade gold over wide widths
- Near existing infrastructure
- Historical Resources (Non-43-101 Compliant)
1MT at 4.12 g/t Gold.



Tillex Copper Project

Tillex Copper Project Location



Hole	From (m)	To (m)	Length (m)	Cu%	Ag g/t
TX08-001	37.20	65.00	27.80	0.272	2.28
TX08-002	30.95	128.00	97.05	1.194	5.32
<i>incl.</i>	30.95	68.00	37.05	2.583	7.72
TX08-003	36.10	41.00	4.90	0.616	4.03
<i>and</i>	50.63	73.50	22.87	1.051	6.06
<i>incl.</i>	54.00	62.30	8.30	2.362	10.91
TX08-004	42.00	123.13	81.13	1.834	8.63
<i>incl.</i>	53.00	80.00	27.00	2.726	7.74
TX08-005	51.51	123.00	71.49	1.293	7.27
<i>incl.</i>	51.51	57.66	6.15	1.288	5.98
<i>incl.</i>	73.66	107.95	34.29	2.160	10.74
<i>incl.</i>	117.08	123.00	5.92	1.137	6.14
TX08-006	39.84	93.03	53.19	0.659	3.19
<i>incl.</i>	64.00	85.00	21.00	1.060	3.62
TX08-007	110.43	124.80	14.37	0.874	3.98
<i>incl.</i>	110.43	117.30	6.87	1.270	4.92
TX08-008	48.00	90.00	42.00	1.395	5.81
<i>incl.</i>	48.00	71.00	23.00	2.136	5.40
TX08-010	46.70	68.30	21.60	0.830	5.20
<i>incl.</i>	46.70	54.00	7.30	0.985	10.37
TX08-015	41.20	49.00	7.80	0.659	3.19
<i>and</i>	100.00	114.00	14.00	1.106	9.34
<i>incl.</i>	100.00	107.00	7.00	1.504	7.11
TX11-001	40.70	107.00	66.30	1.432	6.78
<i>incl.</i>	87.20	102.00	14.80	2.952	14.99
TX11-002	39.30	82.50	43.20	1.265	5.45
TX11-003	86.84	96.88	10.04	1.391	8.97
TX11-004	55.10	60.00	4.90	1.197	6.81
TX11-005	41.64	83.00	41.36	0.446	5.45
<i>incl.</i>	41.64	47.64	6.00	1.471	8.68
TX11-006	48.00	81.00	33.00	0.855	9.36
<i>incl.</i>	48.00	57.50	9.50	2.062	6.35
<i>incl.</i>	73.53	79.35	5.82	0.298	20.19
TX11-007	No significant assays				
TX11-008	54.77	140.25	85.48	1.650	33.24
<i>incl.</i>	89.00	94.00	5.00	5.553	355.30
TX24-020	34.00	144.00	110.00	1.687	7.05
<i>incl.</i>	57.00	83.72	26.72	2.457	6.89
<i>and</i>	103.40	127.00	23.60	2.830	13.85
TX24-021	38.60	102.50	63.90	1.940	10.22
<i>incl.</i>	43.00	49.00	6.00	1.700	32.95
<i>and</i>	54.00	69.20	15.20	3.210	4.77
<i>and</i>	83.60	101.50	17.90	2.580	15.88
TX24-022	36.95	129.00	92.05	2.120	12.18
<i>incl.</i>	98.00	127.00	29.00	3.260	20.92
<i>and</i>	108.60	127.00	18.40	4.020	19.70
TX24-023	Abandoned due to ground conditions				
TX24-025	33.30	43.08	9.78	1.075	3.18
TX24-026	48.65	87.90	39.25	0.694	1.90
<i>and</i>	123.00	135.50	12.50	0.891	4.24
TX24-027	65.00	106.30	41.30	1.508	9.39
<i>and</i>	124.45	138.40	13.95	1.704	7.04
TX24-028	41.60	56.80	15.20	1.865	4.81
<i>incl.</i>	42.60	50.60	8.00	3.044	5.34
TX25-029	72.00	81.09	9.09	0.541	1.97
TX25-030	No significant assays				
TX25-031	31.80	78.20	46.40	1.674	3.68
<i>incl.</i>	31.80	51.00	19.20	3.395	5.64
<i>and</i>	105.00	120.80	15.80	1.030	3.41

NW

SE

300.00 Y

250.00 Y

200.00 Y

150.00 Y

OVERBURDEN

TX08-008

Cu

1.40% Cu, 5.81g/t Ag over 42.00m incl.
2.14% Cu, 5.40g/t Ag over 23.00m

MINERALIZED GRAPHITIC
ARGILLITE

VOLCANICS

OPEN AT
DEPTH

SECTION ON

50 meters

000.00

TILLEX CU

GRADES DISPLAYED Cu % and Ag g/t



NW

SE

300.00 Y

250.00 Y

200.00 Y

150.00 Y

OVERBURDEN

1.43% Cu, 6.78g/t Ag over 66.30m incl.
2.95% Cu, 15.00g/t Ag over 14.80m

TX11-001

MINERALIZED GRAPHITIC
ARGILLITE

VOLCANICS

**OPEN AT
DEPTH**

TX09-005

TX11-007

SECTION 105N

50 meters



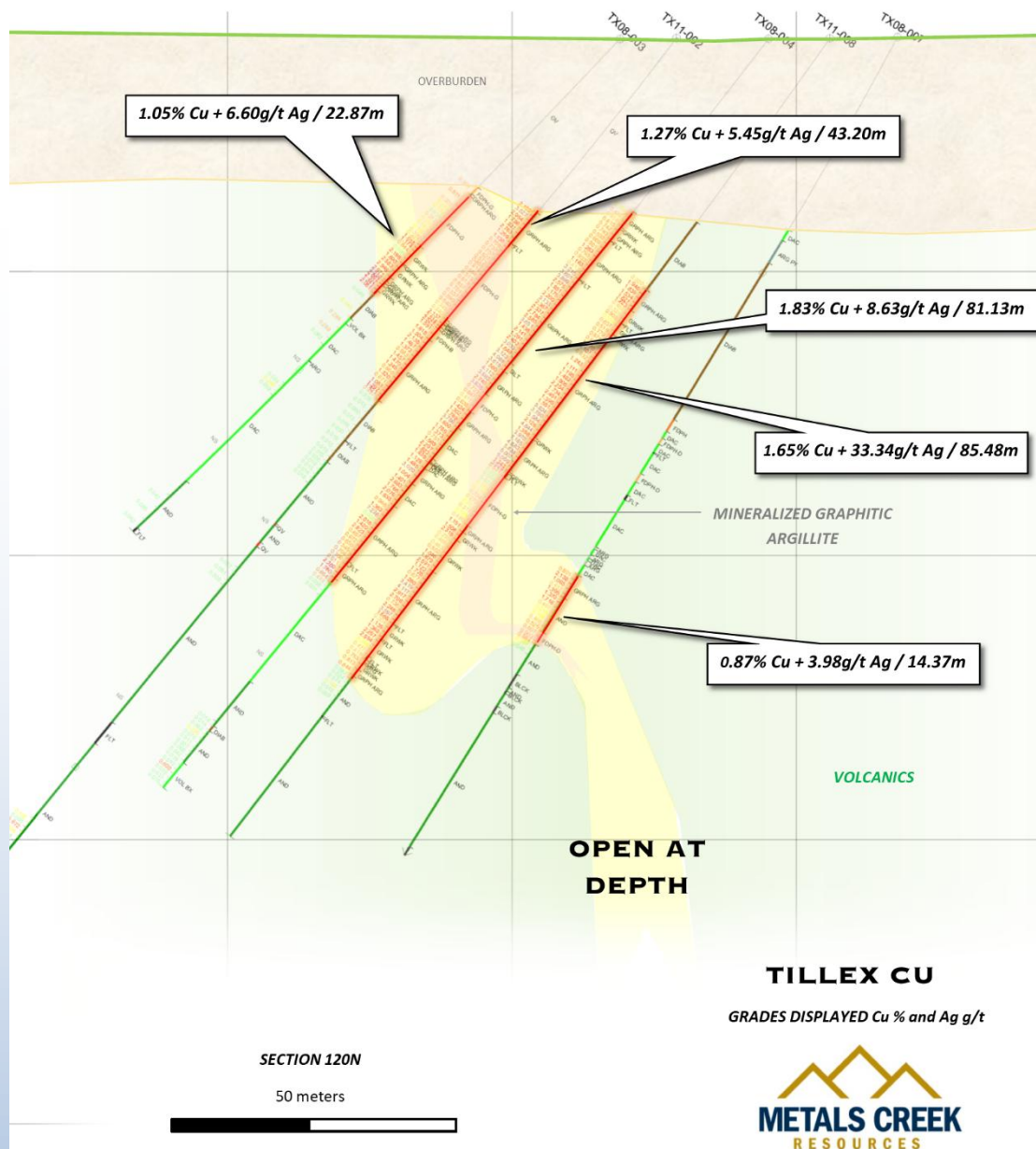
TILLEX CU

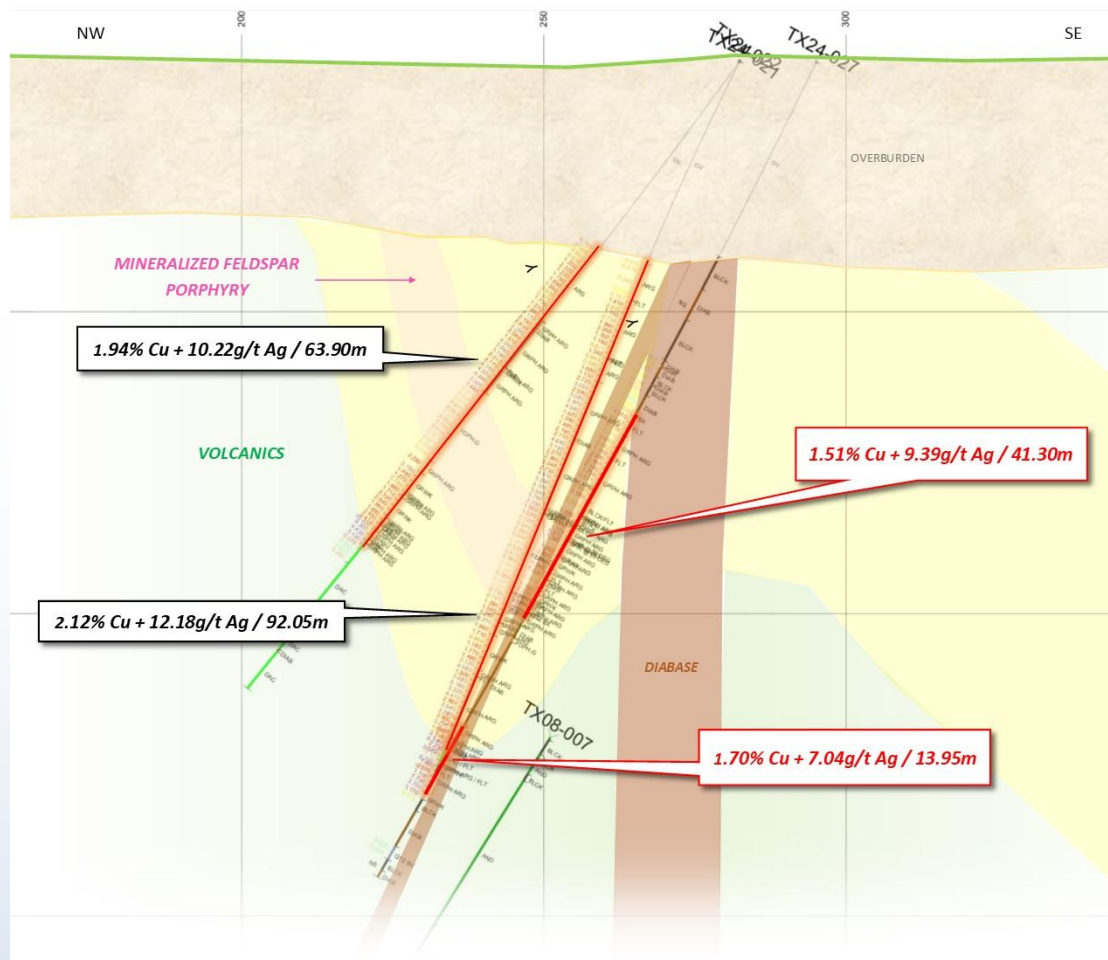
GRADES DISPLAYED Cu % and Ag g/t



NW

SE





TILLEX CU

VIEW LOOKING NORTHEAST

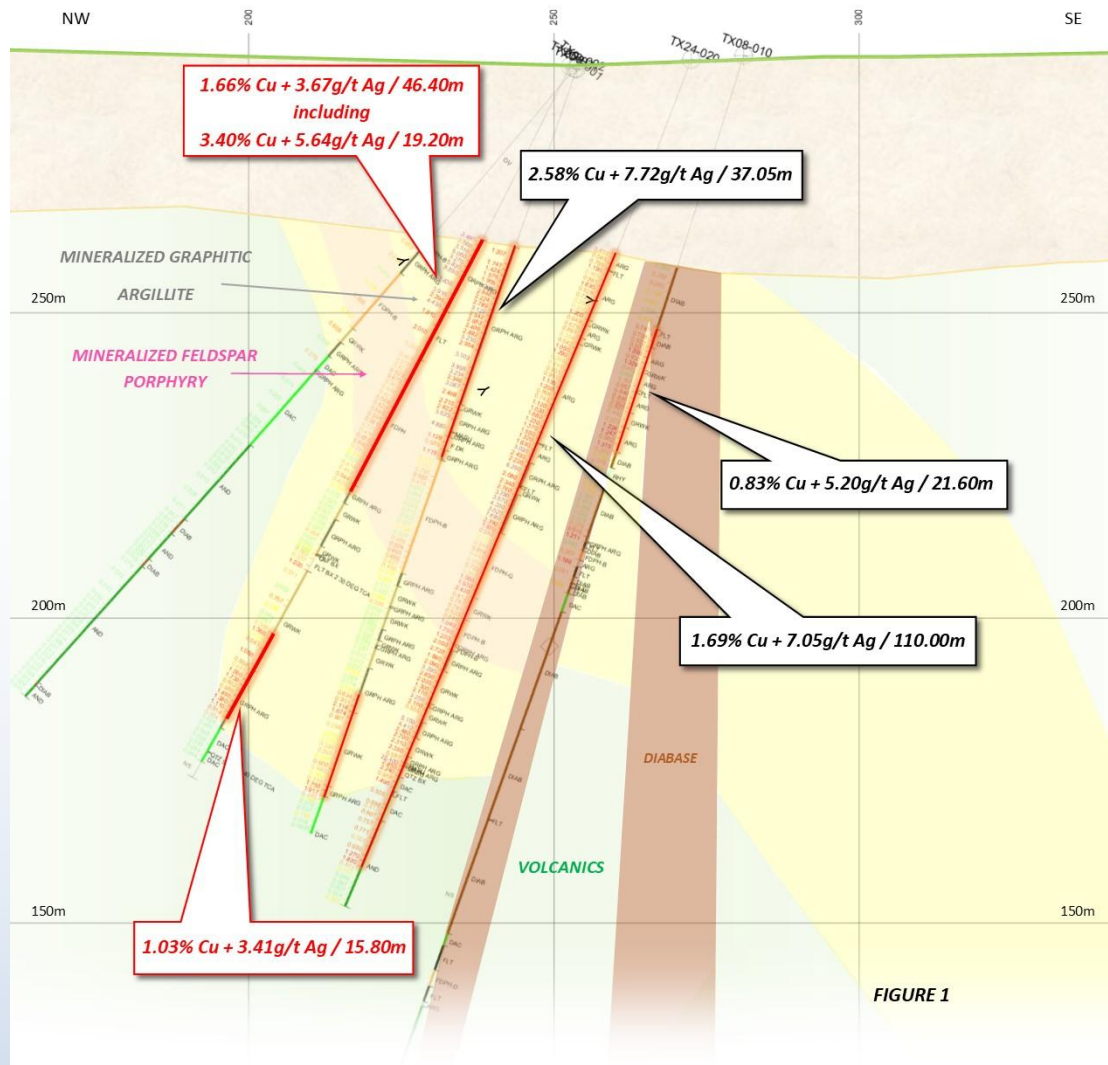
50 meters



SECTION 135N

GRADES DISPLAYED Cu %





TILLEX CU

VIEW LOOKING NORTHEAST

50 meters



SECTION 165N

GRADES DISPLAYED Cu %



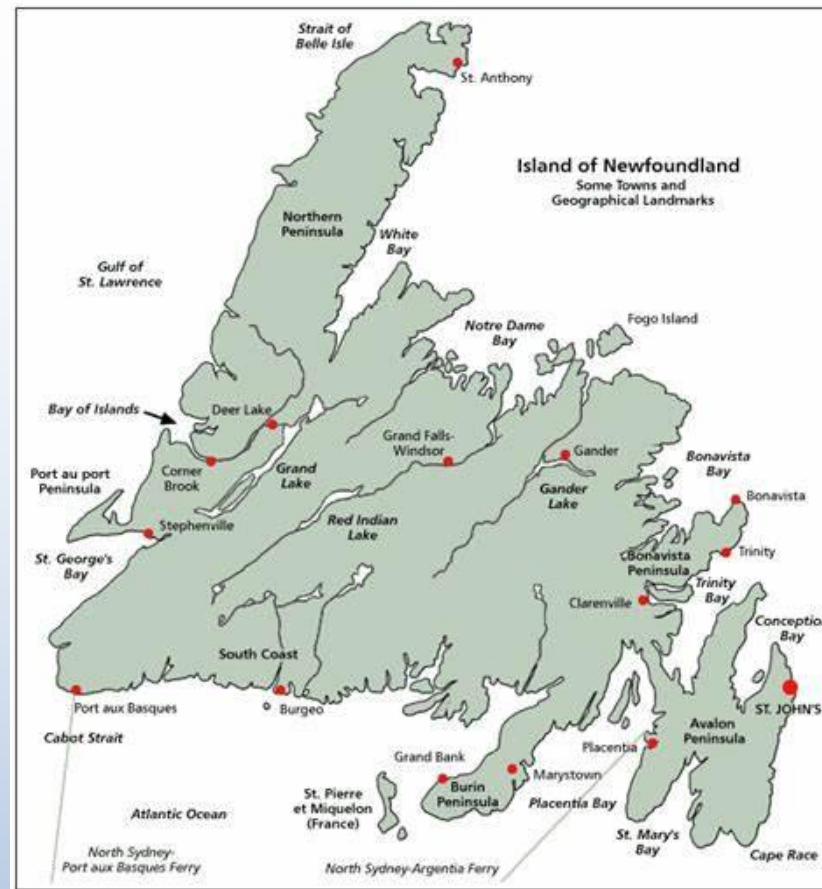
Massive chalcopyrite at Tillex

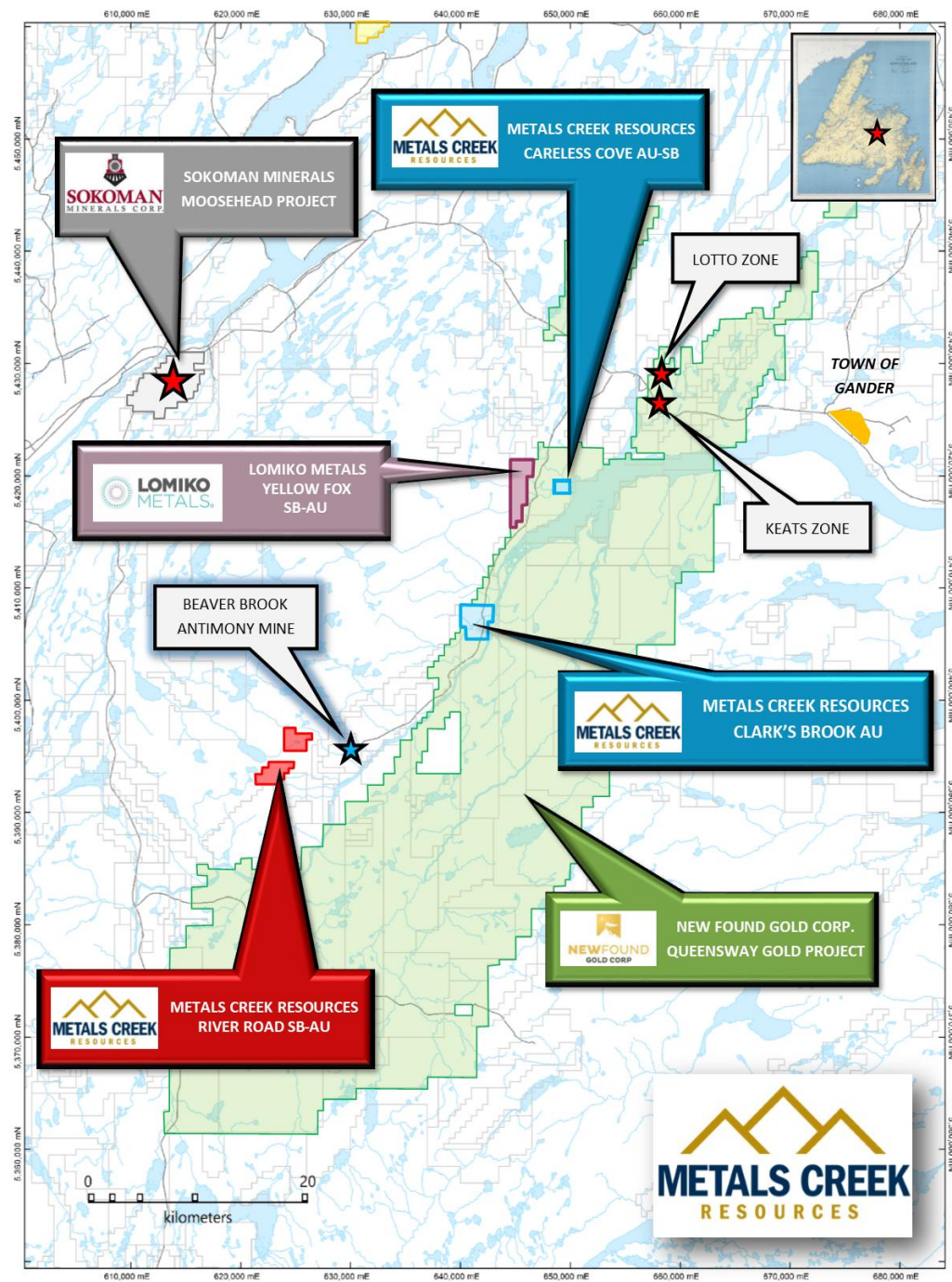


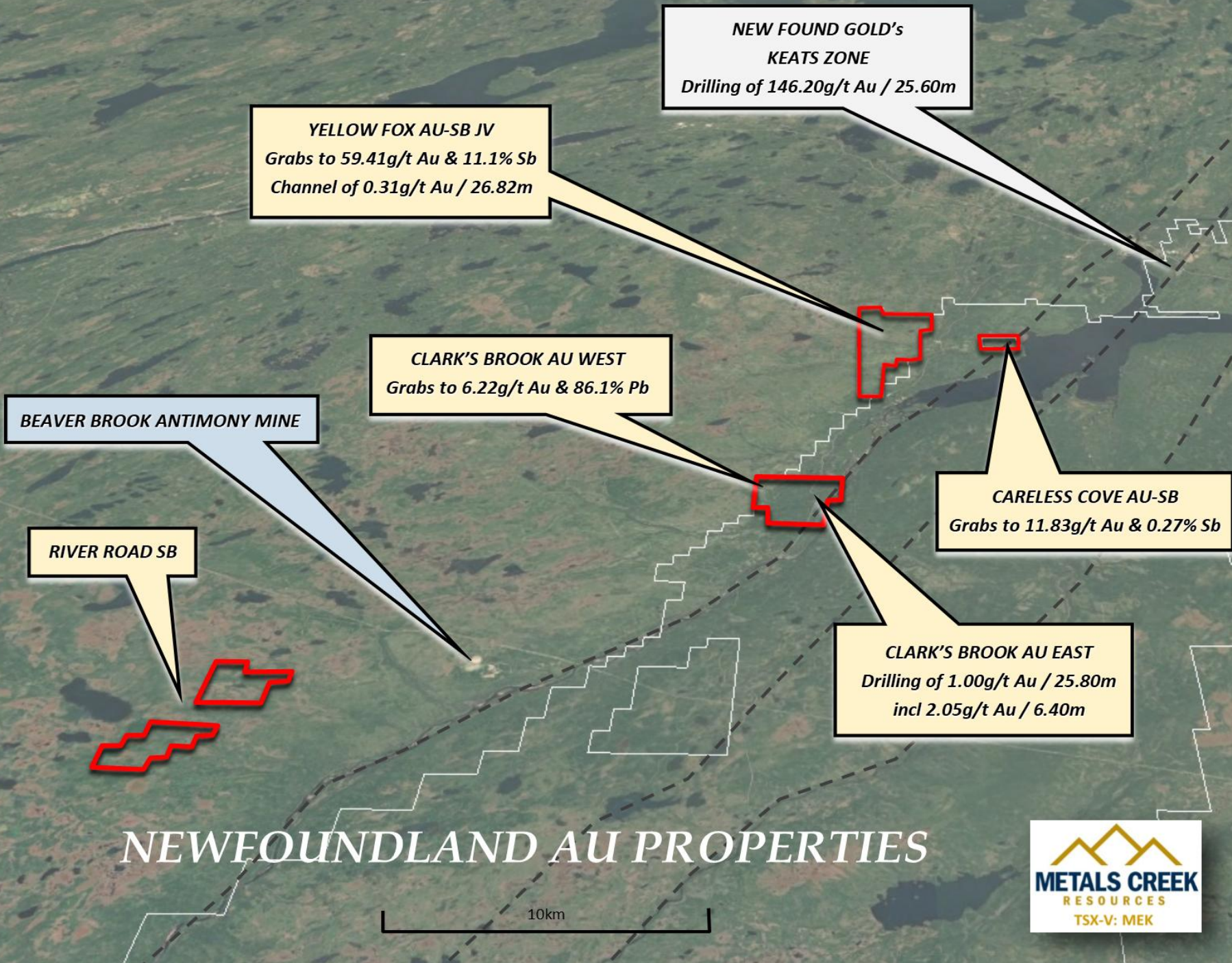
Random/cross-cutting chalcopyrite stringers/veinlets



Newfoundland Projects

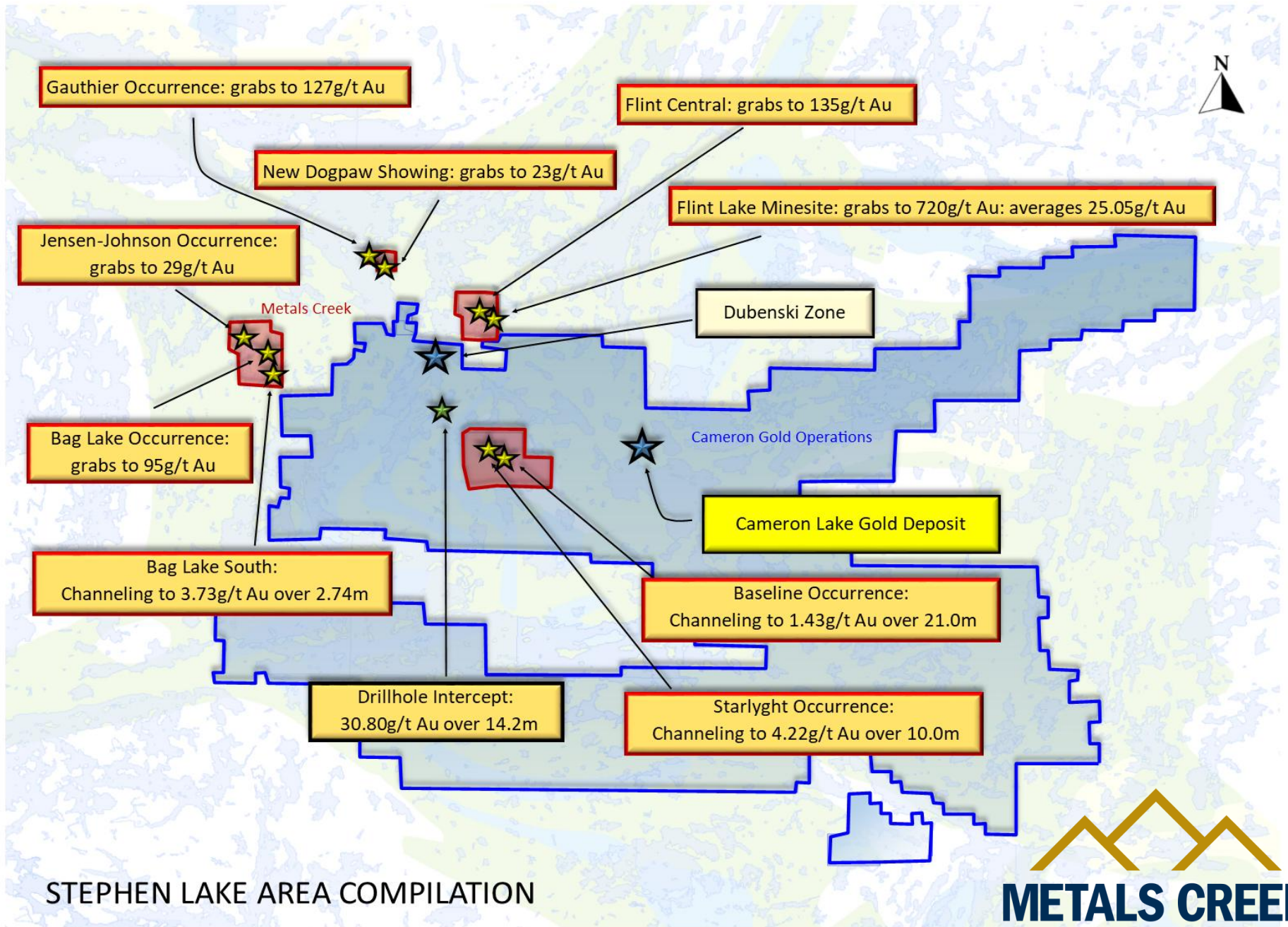




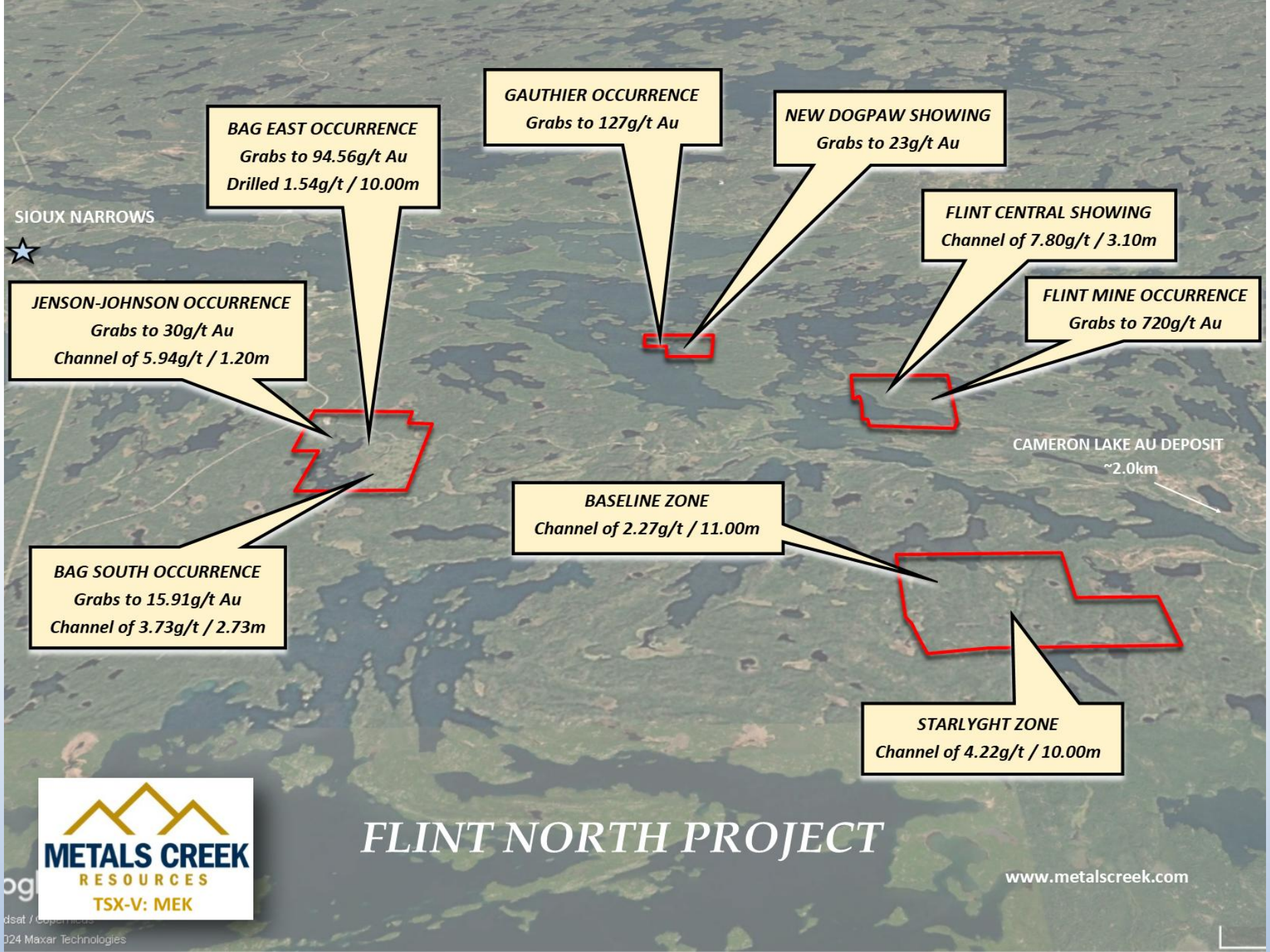




Other Ontario Properties



STEPHEN LAKE AREA COMPILATION



BAG EAST OCCURRENCE
Grabs to 94.56g/t Au
Drilled 1.54g/t / 10.00m

GAUTHIER OCCURRENCE
Grabs to 127g/t Au

NEW DOGPAW SHOWING
Grabs to 23g/t Au

FLINT CENTRAL SHOWING
Channel of 7.80g/t / 3.10m

FLINT MINE OCCURRENCE
Grabs to 720g/t Au

CAMERON LAKE AU DEPOSIT
~2.0km

JENSON-JOHNSON OCCURRENCE
Grabs to 30g/t Au
Channel of 5.94g/t / 1.20m

BASELINE ZONE
Channel of 2.27g/t / 11.00m

BAG SOUTH OCCURRENCE
Grabs to 15.91g/t Au
Channel of 3.73g/t / 2.73m

STARLYGHT ZONE
Channel of 4.22g/t / 10.00m

FLINT NORTH PROJECT



www.metalscreek.com