

# Sunday Lake/Saturday Night PGM Project

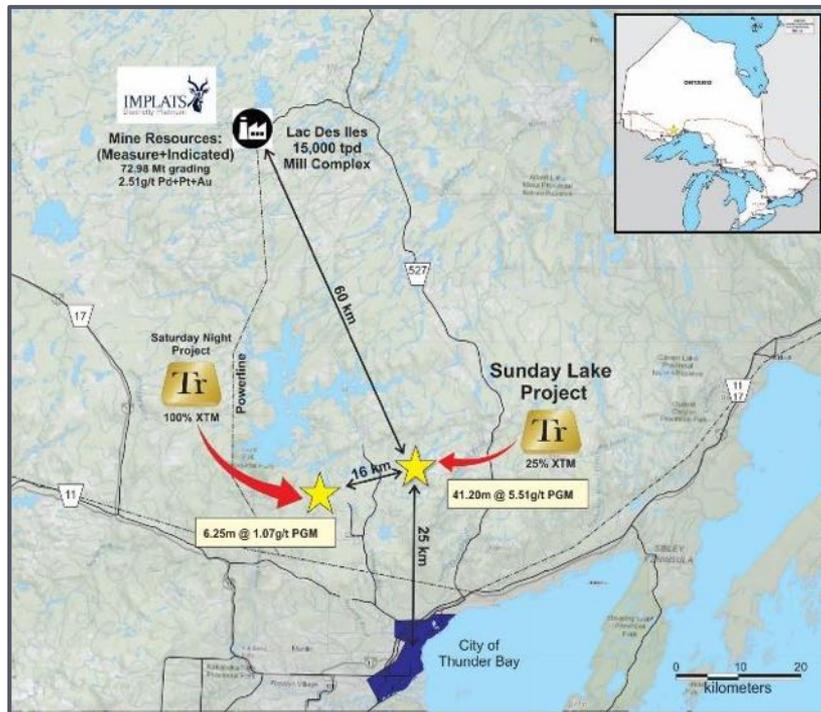
▶ XTM – TSXV | Project Presentation

# Thunder Bay PGM-Ni-Cu

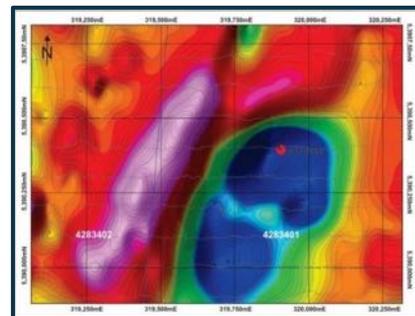
## Sunday Lake Project



- High grade PGM + Ni + Cu, discovery made by XTM and Implats in 2013
- 25% XTM, 75% Impats/Impala Canada JV
- Enough drilling completed to produce a maiden resource
- **41.2 metres @ 5.51 g/t PGM**

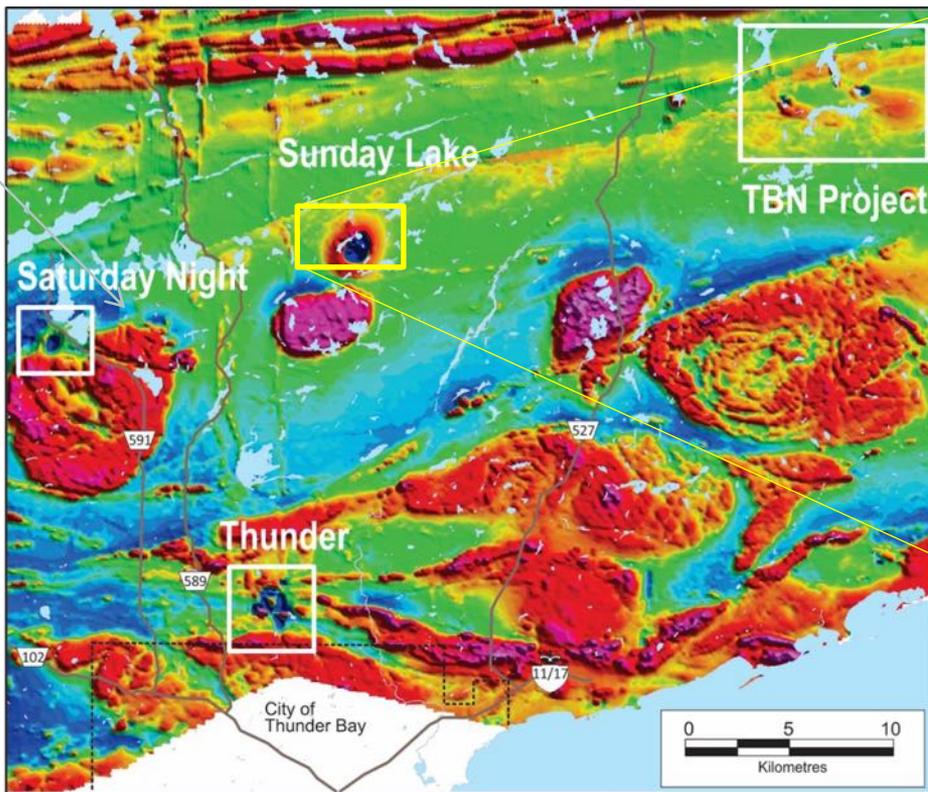


## Saturday Night Project

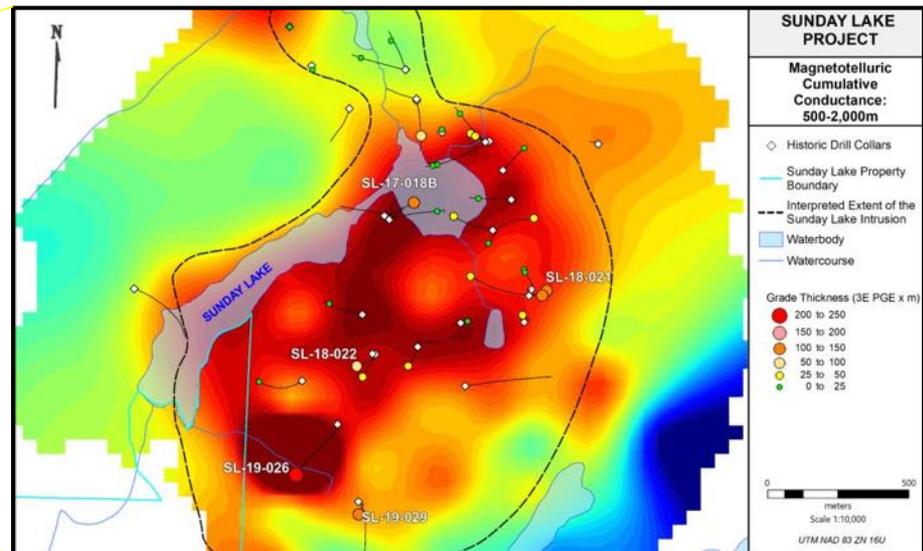


- PGM + Ni + Cu Transition Metals discovery made in 2017
- 16km southwest of Sunday Lake in similar geology to other advanced stage MCR rift deposits in area (TBay North, Escape Lk)
- First and only hole drilled to test this system intersected encouraging PGM mineralization
- **6.25m grading 1.07 g/t 3E PGM's**

# Sunday Lake Discovery

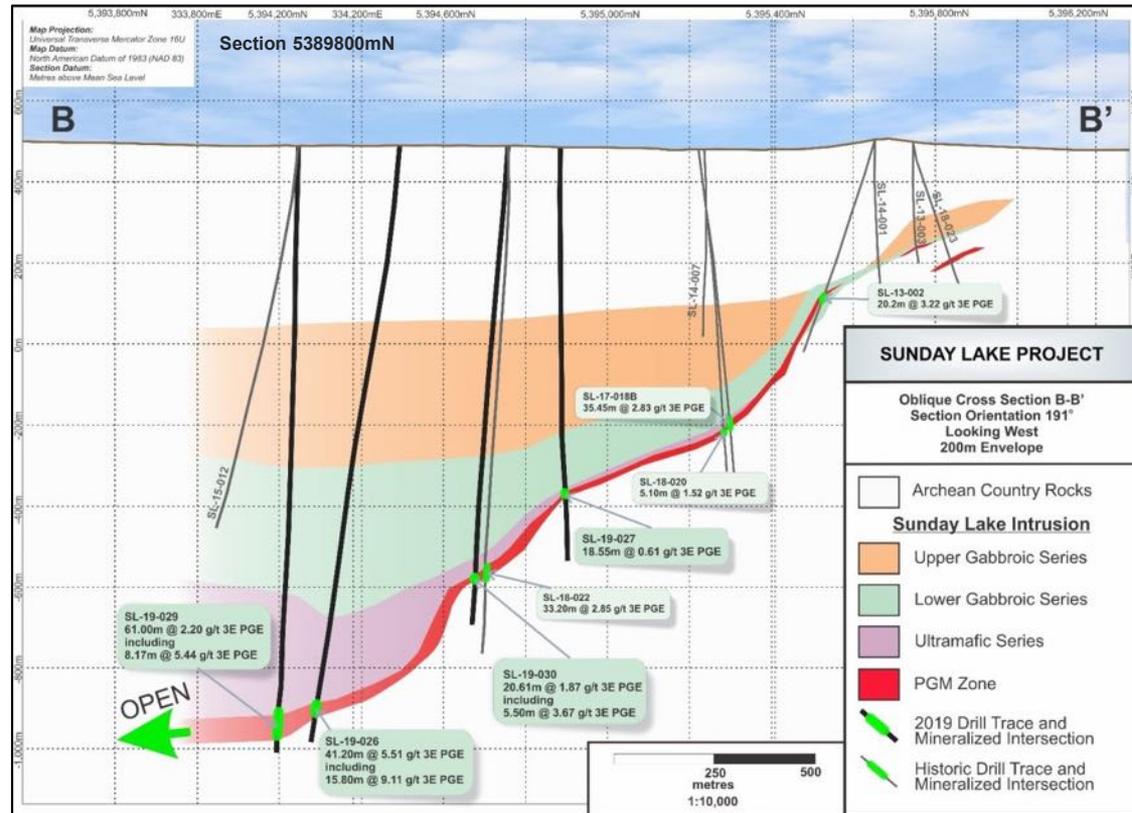


XTM:TSXV



- One of largest known mid continental rift related intrusions in Thunder Bay area
- Similar age to Lundin's Eagle mine in Michigan, Talon Resources Tamarack project in Minnesota and Clean Air Metals, Thunder Bay North deposit in Ontario
- To date, drilling at Sunday Lake has only evaluated a portion of the intrusion

# Sunday Lake Drilling



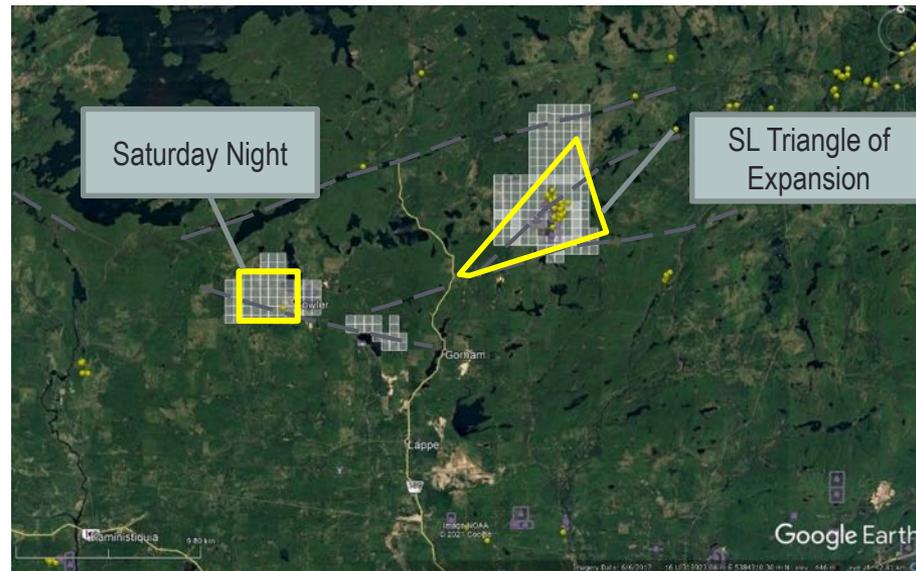
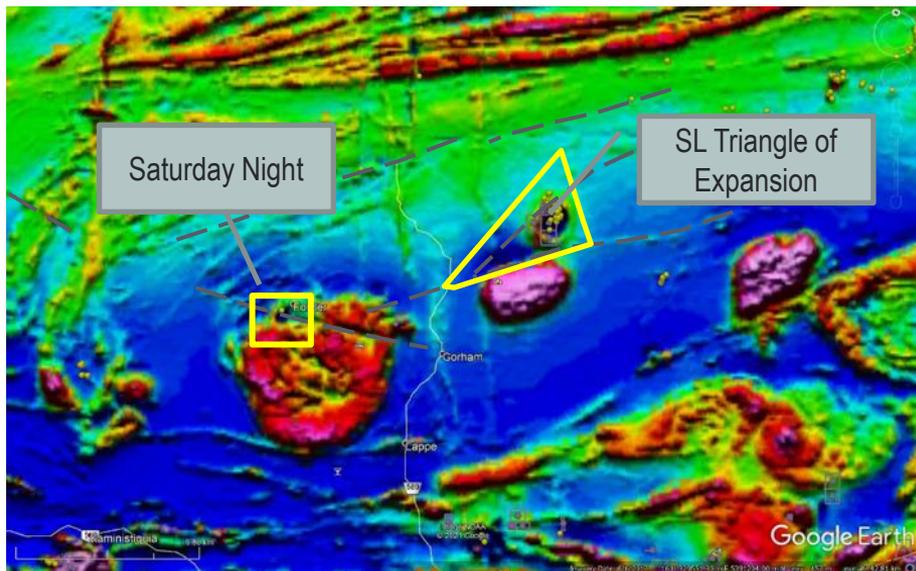
DDH	From (m)	To (m)	Length (m)	Pt g/t	Pd g/t	Au g/t	PGM g/t	Cu wt.%	Ni wt.%
SL-13-002	395.00	415.20	20.20	2.11	0.95	0.16	3.22	0.26	0.11
SL-14-003	526.00	541.00	15.00	1.80	0.92	0.12	2.84	0.22	0.09
SL-15-010	723.00	738.00	15.00	1.25	0.75	0.08	2.08	0.20	0.08
SL-15-013	849.70	892.60	42.90	1.92	1.40	0.11	3.43	0.44	0.17
including	871.40	881.50	10.10	3.18	2.28	0.16	5.62	0.71	0.28
SL-17-18B	667.70	703.15	35.45	1.65	1.09	0.09	2.83	0.41	0.16
including	684.50	703.15	18.65	2.43	1.49	0.13	4.05	0.48	0.17
SL-18-021	863.50	899.35	35.85	2.40	1.32	0.18	3.90	0.43	0.17
including	875.05	898.35	23.30	3.34	1.83	0.26	5.43	0.60	0.21
with	890.85	897.35	6.50	5.17	2.62	0.55	8.34	1.08	0.36
SL-18-022	1039.00	1072.20	33.20	1.68	1.03	0.13	2.84	0.34	0.12
including	1056.00	1066.90	10.90	3.08	1.65	0.25	4.98	0.51	0.14
SL-19-026	1392.00	1433.20	41.20	3.22	2.08	0.21	5.51	0.57	0.19
including	1417.40	1433.20	15.80	5.42	3.35	0.34	9.11	0.88	0.24
with	1418.85	1427.15	8.30	7.67	4.97	0.42	13.06	1.23	0.32

\*Select intercepts from drilling at Sunday Lake

- Semi continuous zones of mineralization at the base of the Sunday Lake intrusion carrying grades in the 5.0-8.0 g/t combined PGM's (Pt+Pd\_Au) over 5-10 metres
- Occur within more continuous zones with grades ranging from 2.0-3.0 g/t PGM over 10-60 metres of thickness
- Best Intersection:

**41.2 metres @ 5.51 g/t PGM  
incl; 8.3m @ 13.06 g/t PGM**

# Expansion Opportunity



## Expansion of the mineralized footprint:

- At depth to the southwest – thickest, highest-grade intercepts remain open depths below 1km
- To the south – wide open with no drilling
- Up-dip to the North and Northeast – mineralized tubes identified with no follow-up above 150m
- Within the known envelope of mineralization
- Saturday Night

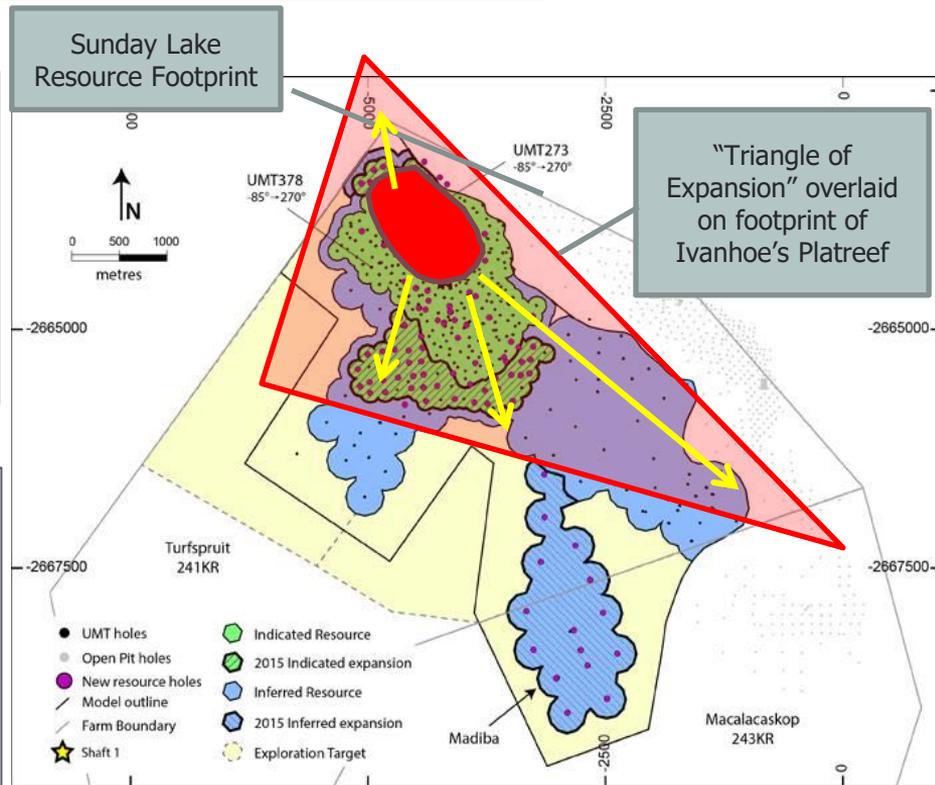
# Sunday Lake – Platreef Comparison

## Platreef Deposit

- Platreef Deposit flat to gently dipping portion of the Platreef, SA Resource base dimensions – 3km by 1.5 km
- Depths: 700 to 1,200 m below surface
- Average thickness – 16.8 metres
- Resource base of 125 million tonnes grading 4.4 3E PGM plus Rh
- Project NPV (including mine and mill installation) - \$916 million at 8% discount rate

## Sunday Lake Deposit

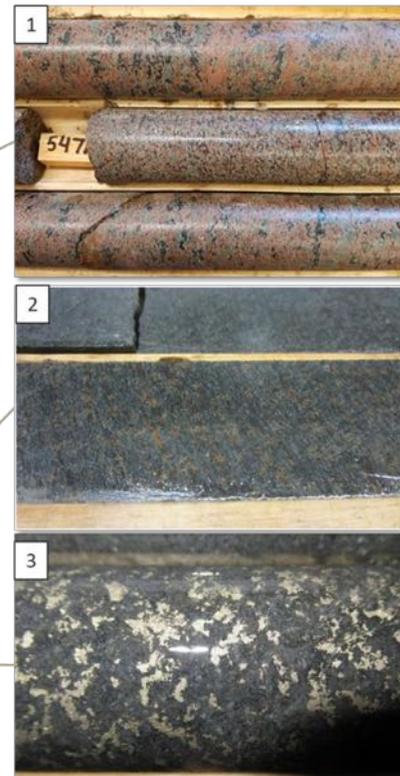
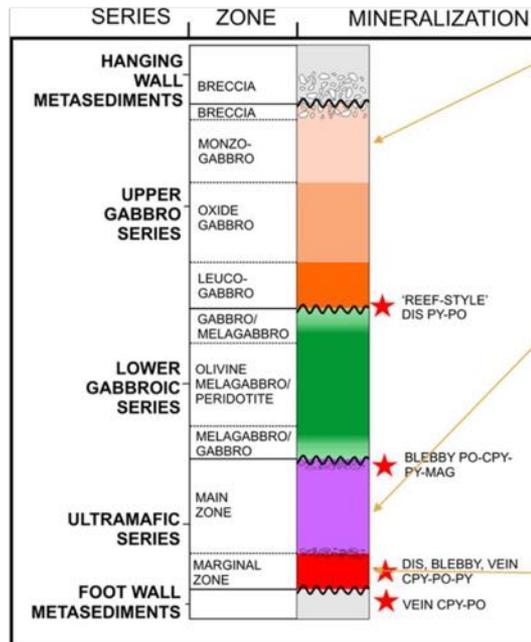
- Lies within a flat to gently dipping portion of the SL Intrusion, within the MCR Intrusive complex (one of the largest in the world)
- Currently mineralized footprint – 1.5 km by 1 km – (open)
- Depths: 700 to 1,500 m below surface (up dip remains open)
- Avg Thickness (10-20m)
- Initial Inferred Resource – 7.3 million tonnes grading 3.99 g/t 3E PGM's
- Grades: up to 41.2 metres grading 5.51 g/t 3E PGM



# Sunday Lake – Next Steps

- Implement Strategic Property Acquisitions; \$500,000
- Airborne MT; \$200,000
- Expand resources and infill drilling along higher-grade corridors. Current resource remains open for expansion in all direction with best grade thickness intervals open for expansion at depth; \$3 - \$5 million

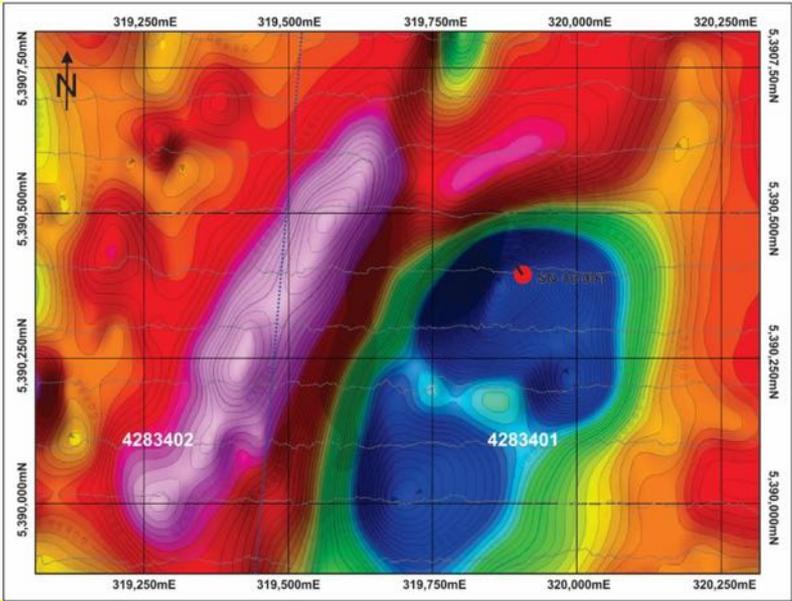
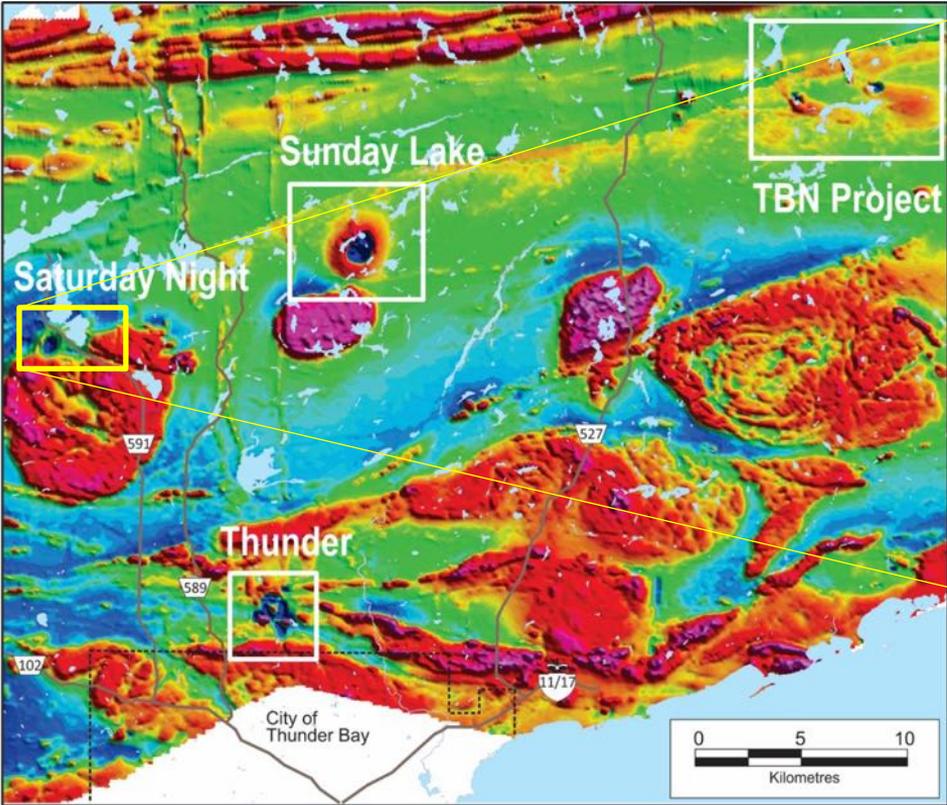
## STRATIGRAPHY





# Saturday Night Discovery

## Sunday Lake Look Alike



- 16 km southwest of Sunday Lake along trend from same structure that may control the TBay North and Sunday Lake deposits.
- Strong coincident reversely polarized mag, gravity target.
- Tested in late 2016 by a single hole which intersected 6.25m grading 1.07 g/t 3E PGM's including 0.3m grading 4.0 g/t PGM and 0.56% Cu

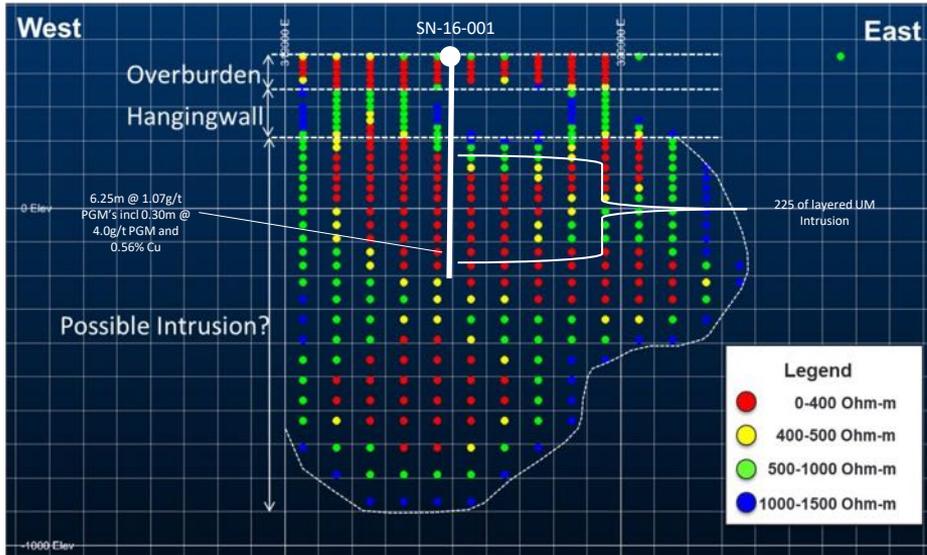
# Saturday Night – Sunday Lake Comparison

	<b>Saturday Night</b>	<b>Sunday Lake</b>
Ownership	100% XTM	25% Carried Interest
Age	Proterozoic – MCR related. No date.	Proterozoic – MCR related, 1103.5Ma.
Size	800m by 500m (based on ground magnetics, 225m thick.	1.25km by 1.75 km, 200-800m thick.
Geology	Layered mafic to ultramafic intrusion.	Layered mafic to ultramafic intrusion and chonoliths.
Alteration	Strongly altered and highly magnetic hangingwall rocks.	Strongly altered and magnetic hangingwall rocks and upper lithologies. Structurally controlled. Altered footwall.
Mineralization	Disseminated to blebby cpy+po along the basal contact.	Disseminated, blebby to massive cpy+po along the basal contact in structural embayments. Disseminated and veins in the footwall.
Drilling	1 hole/601metres	33 holes/~22,050 metres
Magnetics	Strong reversely polarized circular magnetic anomaly. Coincident with highly magnetic hangingwall rocks.	Strong reversely polarized circular magnetic anomaly. Coincident with highly magnetic hangingwall rocks.
Gravity	No significant gravity response.	Strong gravity response.
MT	Strong MT response, 1Hz-40kHz	Strong MT response, 10kHz-0.001Hz
Discovery hole	6.25m @ 1.07g/t, incl: 0.30m @ 4.0g/t PGM, 0.56%Cu.	3.65m @ 1.02g/t, incl: 1.05m @ 1.67g/t PGM, 0.60%Cu.

# Saturday Night

## Next Steps

Section 5389800 mN



- The MT survey indicates that the Saturday Night intrusion is much larger than previously interpreted from the magnetic data.
- The intrusion appears to extend in all directions and potentially extending to a depth of 1000m vertical.
- Similar to Sunday Lake, the survey identified potential embayment features along the basal contact that could represent sulphide traps.
- A better understanding of the size and morphology of the intrusion could be accomplished by expanding the MT survey.

# Forward-looking Statements

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Certain information contained in this presentation, includes information and statements which may contain words such as "could", "plans", "should", "anticipates", "expect", "believe", "will", "upcoming" and similar expressions and statements relating to matters that are not historical facts are forward-looking information. All of the forward-looking information contained in this presentation is qualified by this cautionary statement. There can be no assurance that the actual results or developments anticipated by Transition Metals Corp as expressed or implied by the forward-looking information, will be realized or, even if substantially realized, that they will have the expected consequences to or effects on Transition Metals Corp or its business operations. Transition Metals Corp disclaims any intention or obligation to update or revise any forward-looking information as a result of new information or future events. Readers should not place undue reliance on forward-looking information.



# Mitigating Risk. Multiplying Opportunities.

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