

### **NATASHQUAN PROJECT**

Labrador, Canada Platinum-Palladium-Gold-Copper-Nickel



### Disclaimer and Qualified Person

### **Forward Looking Statements**

This document includes certain statements that constitute "forward-looking statements" and "forward-looking information" within the meaning of applicable securities laws (collectively, "forward-looking statements"). Forward-looking statements include statements regarding Altius Minerals Corporation's ("Altius") intent, or the beliefs or current expectations of Altius' officers and directors. Such forward-looking statements are typically identified by words such as "believe", "anticipate", "estimate", "project", "intend", "expect", "may", "will", "plan", "should", "would", "contemplate", "possible", "attempts", "seeks" and similar expressions. Forward-looking statements may relate to future outlook and anticipated events or results.

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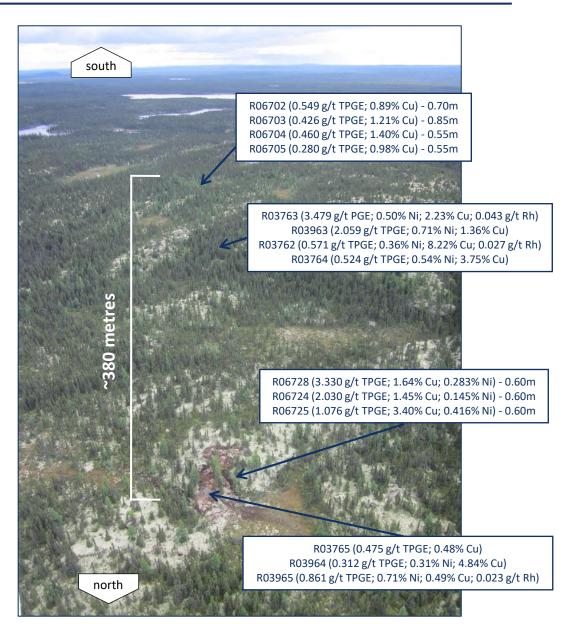
#### **Qualified Person's Statement**

Roderick Smith, M.Sc., P.Geo., Chief Geologist for Altius, is the Qualified Person as defined by National Instrument 43-101, Standards of Disclosure for Mineral Projects. Mr. Smith is responsible for the scientific and technical data presented herein and has reviewed and approved this project summary.



## **Project Highlights**

- Defined zone over a 380 m area; multiple untested EM + Mag targets
- Platinum, palladium, gold, copper and nickel associated with disseminated to massive sulphide mineralization in fertile mafic & ultramafic intrusive rocks
- Grab assays up to 3.48 g/t TPGE (Pt+Pd+Au), 8.22% Cu & 1.06% Ni; 4.4 m channel assay with 1.14 g/t Pt+Pd+Au, 1.59% Cu, 0.28% Ni
- Limited drilling (8 holes; total 1386 m); didn't explain occurrences or strong EM anomalies
- Large project area (6,175 Ha); wide open for recon prospecting and additional staking
- Helicopter accessible from Churchill Falls
- Straight forward permitting process; up to \$150K Government funding available
- Wholly-owned; available for JV or Option
- Additional information available upon request



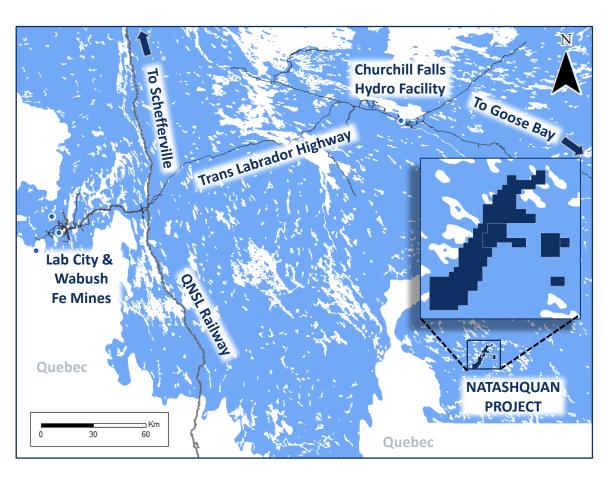
# TYPICAL NATASHQUAN TERRAIN VIEWING SOUTHWARDS FROM ANOMALY A



### **Location and Ownership**

- 6,175 Ha project located in southern Labrador, eastern Canada
- Accessible by helicopter from Churchill Falls (140 km); trans-Labrador highway (100 km)
- Within reach of major mining, rail and hydro infrastructure
- 100%-owned by Altius Resources



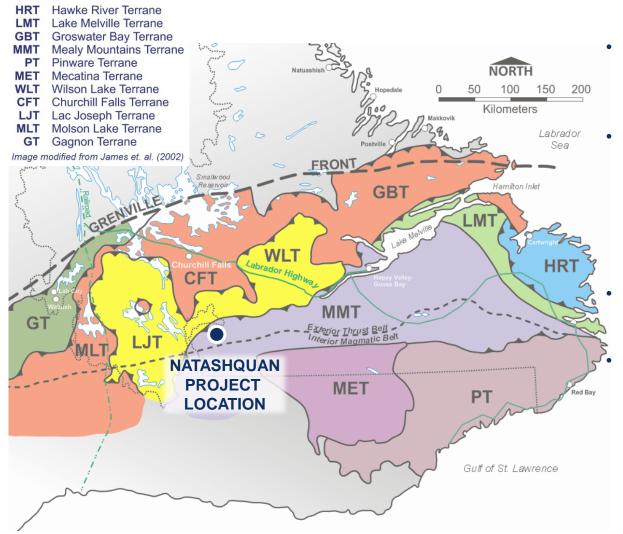


#### NATASHQUAN PROJECT LOCATION

Coordinates: 475600mE, 5798600 (NAD27, UTM Zone 20N)



### **Geological Setting**

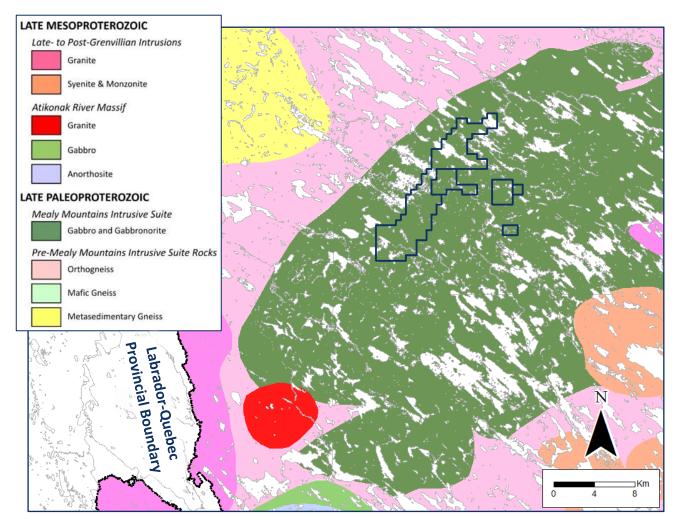


GEOLOGY OF THE GRENVILLE PROVINCE IN LABRADOR AND QUEBEC

- Located in the Mealy Mountain Terrane (MMT) of the Grenville Province of southern Labrador and eastern Quebec
- The MMT is a tectonic division comprising Paleoproterozoic pre-Labradorian crust, late Paleoproterozoic and late Mesoproterozoic Mealy Mountain Intrusive Suite (MMIS) rocks, and late post-Grenvillian Plutons.
- The MMT is predominantly underlain by granulite-facies metasedimentary rocks.
- The MMIS can be subdivided into older anorthositic, gabbroic, gabbronoritic and leucotroctolitic rocks and a younger suite of monzonite and quartz-monzonite intrusions (*circa* 1660-1630 Ma).



### **Local Geology**



### **GEOLOGY OF THE NATASHQUAN PROJECT**

(1:100K mapping from James & Nadeau, 2002)

- The Natashquan project is underlain by variably metamorphosed and deformed gabbro, gabbronorite and layered mafic/ultramafic intrusive rocks assigned to the *circa* 1660 -1630 Ma Mealy Mountain Intrusive Suite (MMIS).
- The MMIS intrudes granulite facies orthogneiss and metasedimentary rocks.
- Foliated gabbro is the dominant rock type and is the host to the massive and semi-massive sulphides.
- Peridotite and pyroxenites are observed at most of the conductive anomalies, generally containing trace disseminated sulphides.



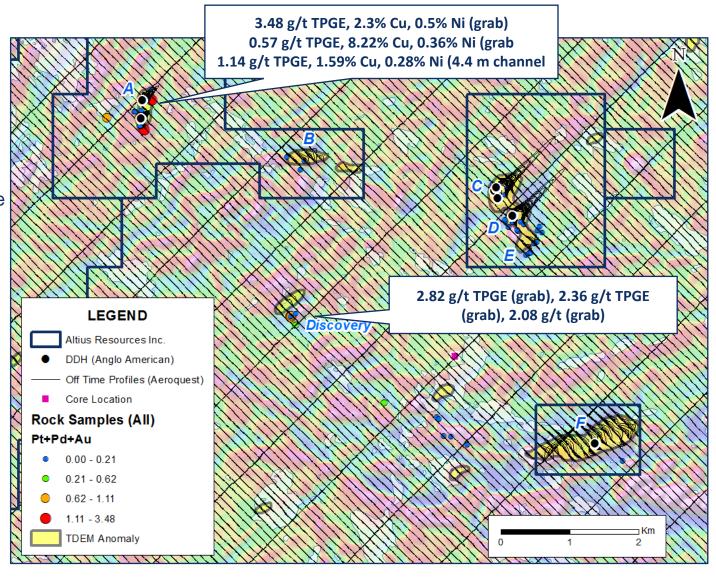
### **Exploration History**

- **2001**: Newfoundland Gov't geologist sampled an outcrop that returned 1.38 g/t combined Pt+Pd+Au ("Discovery Outcrop").
- 2007: Altius acquired the Natashquan project by staking.
- 2008: Altius commissioned a 1,141 line-km Mag-EM airborne survey (Aeroquest); detected 5 conductive anomalies; initial follow-up led to the discovery of mineralization at "Anomaly A" with rock grab samples returning 6.14% Cu, 0.42 g/t Pt+Pd+Au and 2.48 g/t Pt+Pd+Au.
- 2009: Channel sampling at "Anomaly A" returned 1.06% Cu, 1.04 g/t Pt+Pd+Au over 1.0 m, and 7.43% Cu, 0.48 g/t Pt+Pd+Au over 0.8m; coincident Cu in soil (up to 26,000 ppb Cu).
- **2010**: Channel sampling at "Anomaly A" returned 1.37% Cu, 0.71% Ni, 2.06 g/t Pt-Pd-Au, extending the mineralized trend to 250m; local sub-crop samples returned up to 8.22% Cu, 0.36% Ni, 0.57 g/t Pt+Pd+Au.
- **2012**: New mineralization at "Anomaly A" extended the strike length to 380 metres; channel samples from exposures in the northern part of "Anomaly A" returned 1.59% Cu, 0.28% Ni, 1.14 g/t Pt+Pd+Au over 4.4m.
- 2013: Anglo American signs JV; 39 line-km of line-cutting followed by 15.1 line-km of ground TDEM (LT SQUID) at "Anomaly A" and "Anomaly C-D-E" resulting in better definition of the EM conductors
- 2014: Anglo American commissioned 1,863 line-km Mag-EM airborne survey; 8 DDHs for a total of 1,386 meters plus BHEM; > 900 core samples were collected, including QAQC samples; three drill holes returned anomalous values in PGEs (PGEs >0.1 g/t or 100ppb); limited prospecting.
- 2015: Anglo American relinguishes JV. Project has remained idle to present date.



### TPGE (Pt+Pd+Au), Cu, Ni Distribution

- To date, best reported TPGE rock samples collected from Anomaly A and Discovery Outcrop
- Anomaly A and Discovery Outcrop have a modest and weak heliborne TDEM response
- Strongest heliborne TDEM response from Anomaly C-D-E; low TPGE values (poor outcrop exposure), but high Cu values in soil
- Drilling yielded nothing that resembled outcrop mineralization; Anglo American suggested conductivity caused by mm-scale magnetite veinlets.



TDEM CONDUCTORS, ROCK SAMPLE LOCATIONS AND DRILL HOLES

**Background: merged heliborne magnetics (1VD)** 



### **Project Photos**



Discovery Outcrop. Ultramafic with fragments of mafic rock. Disseminated sulphides in 30x30 cm pods.



Gossanous outcrop at Anomaly A (northern part, pre-stripping photo ca. 2008)



Partially stripped gossanous outcrop at Anomaly A. Highlights include a 4.4 m channel sample with 1.14 g/t TPGE, 1.59% Cu, 0.28% Ni (map shown in next slide)



Patchy, rust stained outcrop in southern part of Anomaly A. Grabs up to 1.04 g/t TPGE, 3.9% Cu, 0.3% Ni.



Heavily disseminated chalcopyrite in gabbro located in the southern part of Anomaly A.



Massive pyrrhotite, chalcopyrite, pentlandite and magnetite from Anomaly A.



# Mineralization at Anomaly A (northern part)

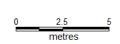
#### east to west:

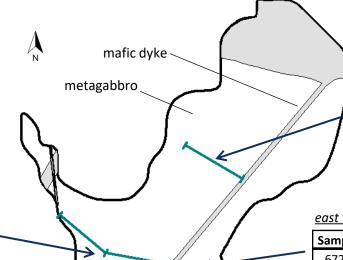
Sample	Width	Cu %	Ni ppm	tPGE
6724	0.60	1.45	1455	2.030
6725	0.60	3.40	4160	1.076
6726	0.60	1.54	2240	0.456
6727	0.60	1.27	1065	0.407
6728	0.60	1.65	2830	3.330
6729	0.60	1.24	3270	0.439
6730	0.80	0.82	3920	0.486
6731	0.65	0.06	156	0.067
6732	0.60	0.05	137	0.043
6733	0.60	0.16	318	0.063
6734	0.60	0.01	53	0.030

Sample	Width	Cu %	Ni ppm	tPGE
6749	0.35	0.73	2950	0.346

#### east to west:

Sample	Width	Cu %	Ni ppm	tPGE
6735	0.60	2.97	2090	0.766
6736	0.70	0.34	364	0.204
6737	0.70	0.08	69	0.186





#### west to east:

Sample	Width	Cu %	Ni ppm	tPGE
6714	0.50	2.07	1255	0.255
6715	0.60	2.57	2810	0.800
6716	0.60	1.21	3070	0.314
6717	0.65	0.92	2900	0.286
6718	0.60	0.92	1965	0.335
6719	0.70	0.18	679	0.153

#### east to west:

Sample	Width	Cu %	Ni ppm	tPGE
6720	0.60	0.52	1565	0.202
6721	0.60	0.68	3000	0.297
6722	0.60	0.46	1050	0.315
6723	0.50	0.03	83.4	0.068

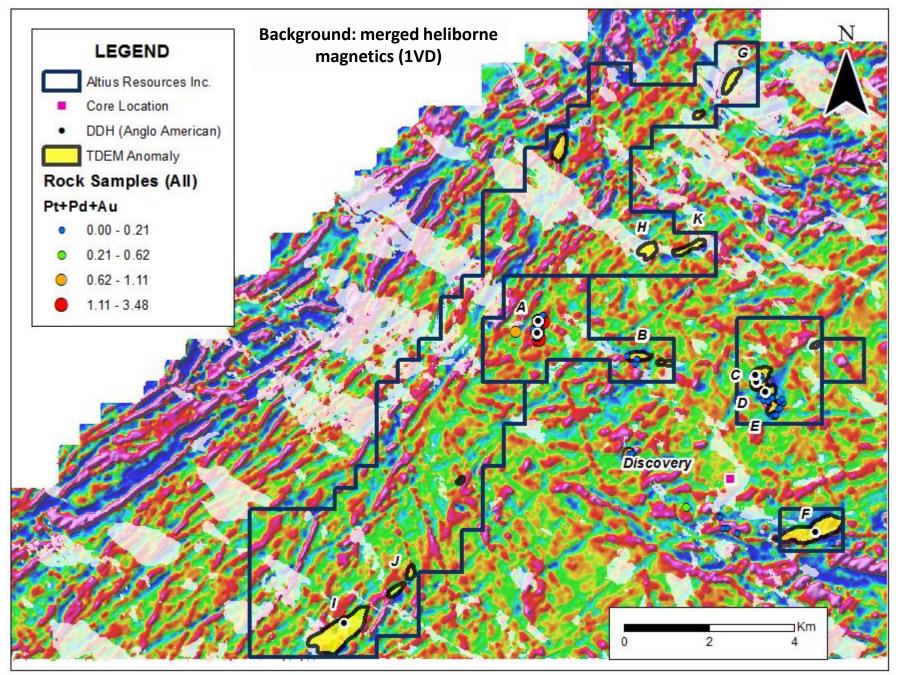
#### east to west:

0.264 tPGE

	Sample	Width	Cu %	Ni ppm	tPGE
	6738	0.60	0.36	479	0.175
	6739	0.60	0.45	537	0.338
	6740	0.60	0.35	588	0.345
	6741	0.60	0.53	1005	0.247
	6742	0.60	0.16	90	0.162
_	6743	0.60	0.02	34	0.017
	6744	0.60	0.03	79	0.090
	6745	0.60	0.66	857	0.382
	6746	0.60	0.46	534	0.136
	6747	0.60	0.15	152	0.174



## Untested Targets Within The Project Boundaries



### **Contact Information**



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