

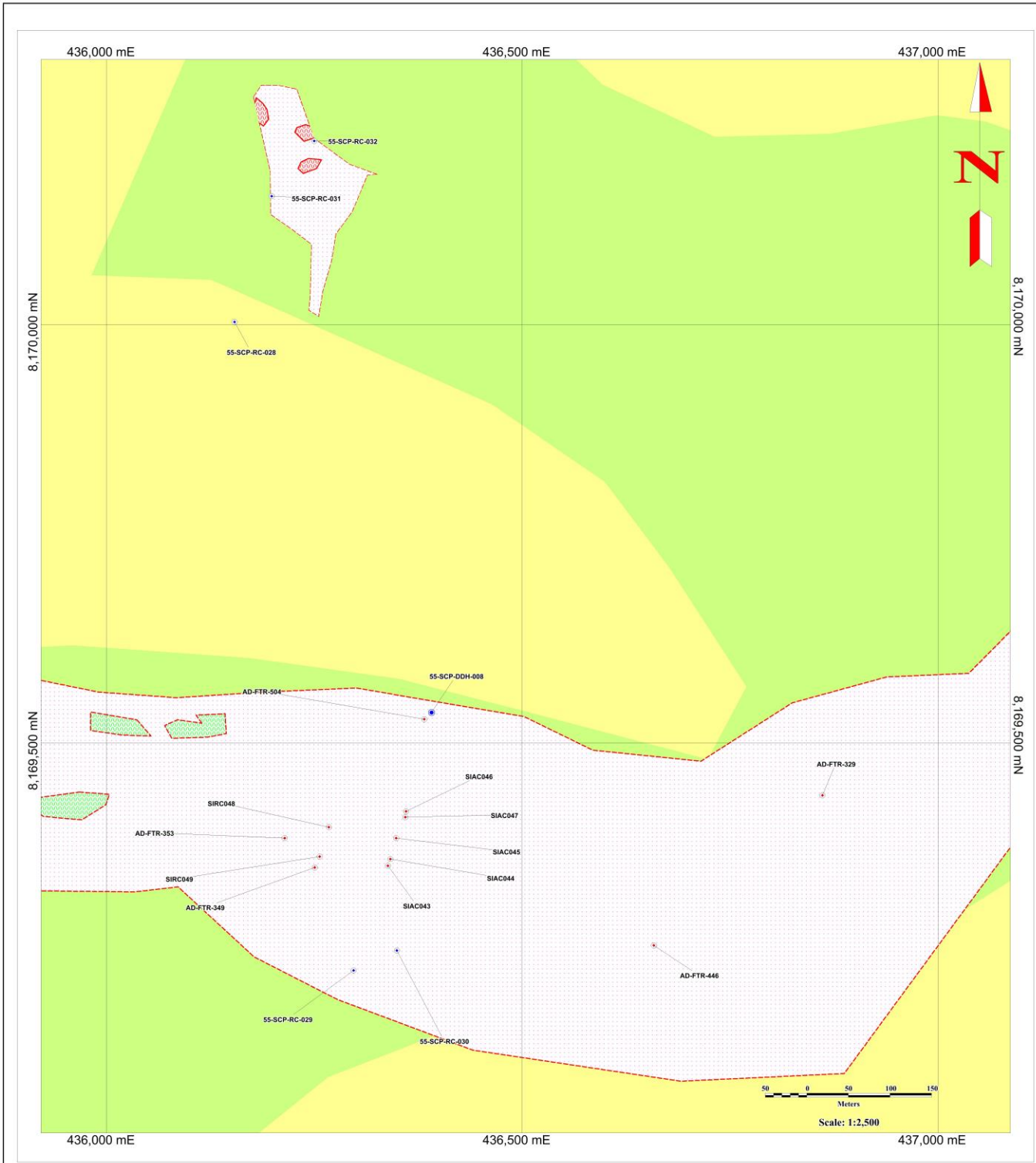
LEGEND	
<b>GEOLOGY</b>	<b>GEOLOGIC SYMBOLS</b>
<b>CENOZOIC</b> PALAEZOIC - MEGASOIC (85 - 23.5 Ma) BARREIRAS GROUP Immature sandstone with intercalations of clay and conglomeratic levels.	Fault - Shear Zone Lineament Foliation (Strike and Dip) Plunging antiform Plunging synform Plunging system Section Line
<b>PALAEZOIC</b> CAMBRIAN (442 - 488 Ma) POST-TECTONIC GRANITOIDES Synes to monogranite.	Striated and Reverse Fault Belt of Graphite Road Active Mine Inactive Mine
<b>PROTEROZOIC</b> EDUCARIAN (850 - 540 Ma) LATE TO POST-TECTONIC GRANITOIDES Granite, syenogranite and pegmatite monogranite and granitic pegmatites.	<b>PROPERTIES</b> South Star Mining Corp.
<b>TONIAN - CROCIENAN (1000 - 650 Ma)</b> KINDIGITE COMPLEX - ACQUITA-KORHA COMPLEX Partly migmatized kyanite, biotite, garnet, calc-silicate rock and quartzite. Green paragneiss and megacratic, high grade metacharnoferrite-bearing gneisses.	<b>DRILL HOLE</b> Reverse Circulation Drilling (2016) Prepared Diamond Drilling Program (2018) Reverse Circulation Drilling Program (2016)
<b>MEGACRYTIC ORTHOQUENITES</b> Migmatite: hornblende-biotite gneiss and biotite-gneiss intersected by basic dikes.	<b>CHANNEL SAMPLES</b> C% ● > 3% ● 2 to 3 ● 1.5 to 2 ● 1 to 1.5 ● 0 to 1
<b>RYHACIAN (2800 - 2050 Ma)</b> Migmatite: orthogneiss outcropping	

**South Star Mining Corp.**

**Santa Cruz Project**

**Drill Hole Program**

Author Néstor Álvarez J. M. Álvarez	Drawn J.M. Álvarez Pedro Aporta	Date 18/01/2018	Scale 1:2500
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LEGEND			
<b>GEOLOGY</b>			
<b>CENOZOIC</b>			
<b>PALEOGENE - NEOGENE (65 - 23.5 Ma)</b>			
BARREIRAS GROUP	Mineralized Gneiss	Fault - Shear Zone	<b>CHANNEL SAMPLES</b> C%
Immature sandstone with intercalations of clay and conglomeratic lenses.	Gneiss or migmatite. Graphite is not observed.	Contractional Shear Zone	
<b>PALEOZOIC</b>			
<b>CAMBRIAN (542 - 488 Ma)</b>			
POST-TECTONIC GRANITOID	MACAUBAS GROUP	Plunging antiform	● > 3% ● 2 to 3 ● 1.5 to 2 ● 1 to 1.5 ● 0 to 1
Syenite to monzogranite.	Banded garnet biotite schist, sillimanite metacrist., graphitic biotite gneiss and quartzite.	Sinistral and Reverse Fault	
<b>PROTEROZOIC</b>			
<b>DIACARAN (550 - 540 Ma)</b>			
LATE TO POST-TECTONIC GRANITOID	ANOROGENIC GRANITOID	Belt of Graphite	<b>GEOGRAPHIC SYMBOLS</b>
Granite, syenogranite and porphyritic monzogranite and granitic pegmatites.	Foliated charnockite/monzodiotite-granite, quartz monzonite tonalite.	Pongos	
<b>TONIAN - CROZHENIAN (1000 - 650 Ma)</b>			
KINZIGITE COMPLEX - EQUITINHONHA COMPLEX	MIGMATITIC ORTHOGNESSES	Road	<b>PROPERTIES</b>
Partly migmatized kinzigitic, biotite gneiss, graphite, calc-silicate rock and quartzite. Gneiss-porphyries and migmatites, high grade metabasophen amphibole-granite.	Migmatitic hornblende-biotite gneiss and biotite-gneiss intersected by basic dikes.	Active Mine	
Migmatitic orthogneiss outcropping		Inactive Mine	<b>DRILL HOLE</b>
		South Star Mining Corp.	
		Reverse Circulation Drilling (2016)	
		Proposed Diamond Drilling Program (2018)	
		Reverse Circulation Drilling Program (2018)	

**South Star Mining Corp.**

**Santa Cruz Project**

**Geological Map**

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