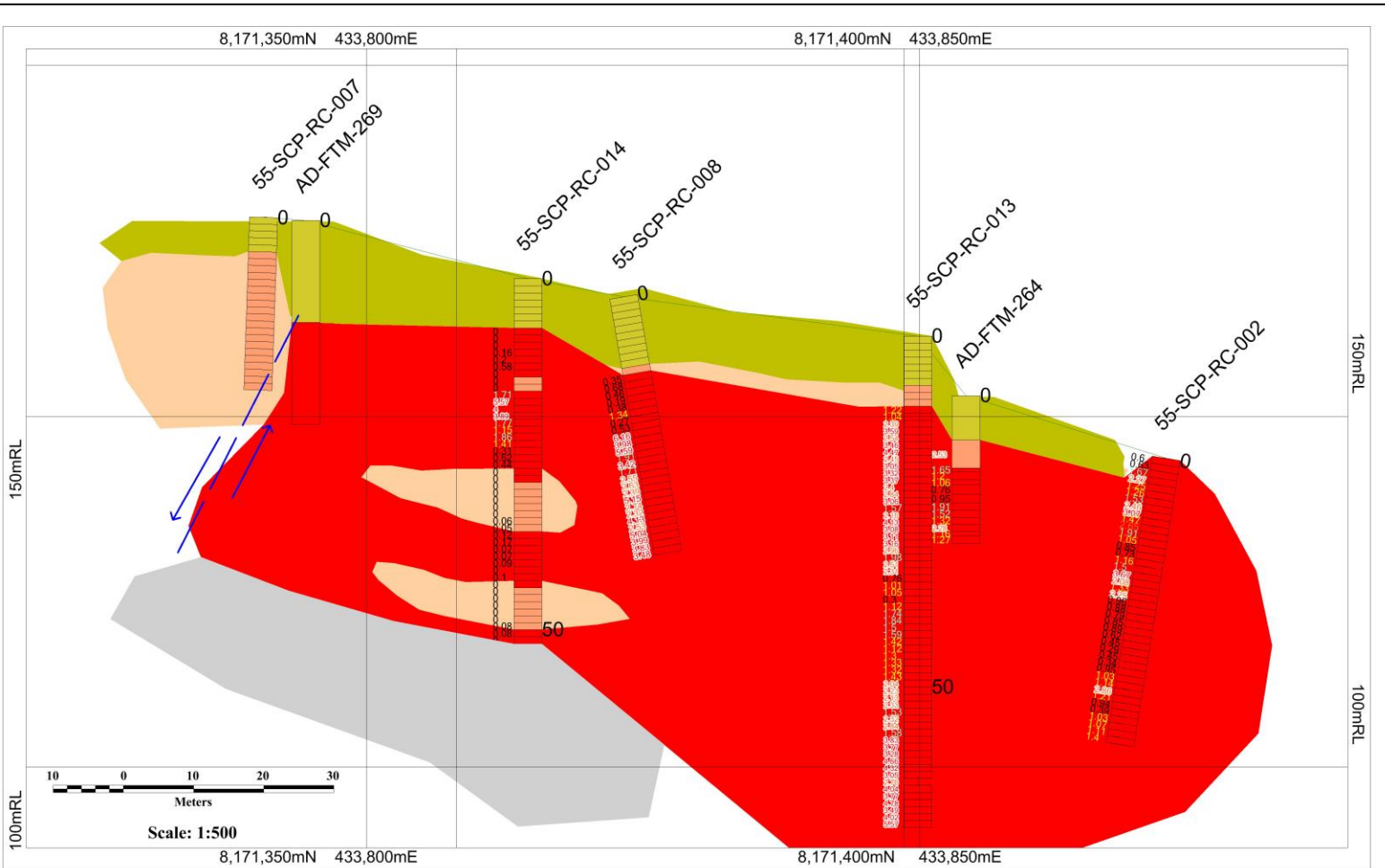


LEGEND	
GEOLOGY	
GENEOSIS	
PALEOGENE - NEOGENE (65 - 23.5 Ma)	
BARRERAS GROUP Immature sandstone with intercalations of clay and conglomeratic levels.	Mineralized Gneiss
PALEOZOIC	Gneiss or migmatite
CAMBRIAN (542 - 488 Ma)	Graphite is not observed
POST-TECTONIC GRANITOIDS Syeno to monzogranite.	MACAIBAS GROUP Banded garnet biotite schist, sillimanite monzonitic, granitic biotite gneiss and quartzite
PROTEROZOIC	ANOROGENIC GRANITOIDS Foliated charnockite-monzodiorite-granite, quartz monzonite tonalite
EDIACARAN (850 - 540 Ma)	PEGMATITE Pegmatite with presence of vermiculite and quartz
LATE TO POST-TECTONIC GRANITOIDS Granite, syenogranite and porphyritic monzogranite and granitic pegmatites.	RHYACIAN (2000 - 2050 Ma)
TONIAN - CROZENERIAN (1000 - 850 Ma)	MIGMATITIC ORTHOGENESES Migmatitic hornfelsa-biotite gneiss and biotite-gneiss intersected by basic dikes.
KINDIGITE COMPLEX - JEQUITHIONIA COMPLEX Partly migmatized kyanite, biotite gneiss, graphite, calc-silicate rock and quartzite. Green-paragneiss and migmatite, high grade metathymophan amphibole-granulite	Migmatitic orthogneiss outcropping
GEOLOGIC SYMBOLS	CHANNEL SAMPLES
Fault - Shear Zone - Lineament	● > 3%
Contractural Shear Zone	● 2 to 3
Plunging antiform	● 1.5 to 2
Sinistral and Reverse Fault	● 1 to 1.5
Plunging synform	● 0 to 1
Belt of Graphite	● 0.97
Ponitos	● 0.58
GEOGRAPHIC SYMBOLS	● 0.65
Road	● 1.80
Active Mine	● 0.71
Inactive Mine	● 0.75
PROPERTIES	● 0.78
South Star Mining Corp.	
DRILL HOLE	
Reverse Circulation Drilling (2016)	
Proposed Diamond Drilling Program (2018)	
Reverse Circulation Drilling Program (2018)	

Santa Cruz Project
Section 8171414

Author: Néstor Alvarez	Draw: J.M. Alvarez	Date: 17/01/2019	Scale: 1:500
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LEGEND	
<p>GEOLOGY</p> <p>CENOZOIC</p> <p>PALEOGENE - NEOGENE (65 - 23.5 Ma)</p> <p>BARREIRAS GROUP Immature sandstone with intercalations of clay and conglomeratic levels.</p> <p>PALEOZOIC</p> <p>CAMBRIAN (542 - 488 Ma)</p> <p>POST-TECTONIC GRANITOIDS Syeno to monzogranite.</p> <p>PROTEROZOIC</p> <p>EDIACARAN (650 - 540 Ma)</p> <p>LATE TO POST-TECTONIC GRANITOIDS Granite, syenogranite and porphyritic monzogranite and granitic pegmatites.</p> <p>TONIAN - CRIOGENIAN (1000 - 650 Ma)</p> <p>KINZIGITE COMPLEX - JEQUITINHONHA COMPLEX Partly migmatized kinzigite, biotite gneiss, graphite, calc-silicate rock and quartzite. Gneiss-pargniss and migmatite, high grade metamorphism amphibole-granulite.</p>	<p>Mineralized Gneiss</p> <p>Gneiss or migmatite. Graphite is not observed.</p> <p>MACAUBAS GROUP Banded garnet biotite schist, sillimanite mica-schist, graphitic biotite gneiss and quartzite.</p> <p>ANOROGENICS GRANITOIDS Foliated charnokite-monzodiorite-granite, quartz monzonite tonalite.</p> <p>PEGMATITE Pegmatite with presence of vermiculite and quartz.</p> <p>RHYACIAN (2800 - 2050 Ma)</p> <p>MIGMATITIC ORTHOGNEISSES Migmatitic hornblende-biotite gneiss and biotite-gneiss intersected by basic dikes.</p> <p>Migmatitic orthogneiss outcropping</p>
<p>GEOLOGIC SYMBOLS</p> <p>Fault - Shear Zone - Lineament</p> <p>Contractional Shear Zone</p> <p>Sinistral and Reverse Fault</p> <p>Belt of Graphite</p> <p>Foliation (Strike and Dip)</p> <p>Plunging antiform</p> <p>Plunging synform</p> <p>Pontos</p>	<p>CHANNEL SAMPLES</p> <p>C%</p> <ul style="list-style-type: none"> > 3% 2 to 3 1.5 to 2 1 to 1.5 0 to 1
<p>PROPERTIES</p> <p>South Star Mining Corp.</p>	<p>DRILL HOLE</p> <ul style="list-style-type: none"> Reverse Circulation Drilling (RC Drilling) Proposed Diamond Drilling Program (2018) Proposed Reverse Circulation Drilling Program (2018)

South Star Mining Corp.

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Section N8171429

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