



Memorandum

To	Northern Territory Geological Survey
From	Edward Morris
Date	16 th of November, 2016
CC	MRM Geology; Kristian Masterman
Subject	Exploration Report Update

Introduction

A request was made on the 9th of November, 2016 by the Northern Territory Geological Survey for more information on the exploration activities that occurred over MA336 and MA455. This includes sample preparation, analysis limits, and block modelling information.

MA455

The requested information for MA455 included:

- Sample preparation codes;
- Sample preparation details;
- Assay codes; and,
- Lower detection limits.

All preparation were completed with PUL-23, which is the process of pulverising and splitting samples to the desired size.

These have all been updated within the .txt files:

- MA455_2016_A_01_SurfaceGeochem;
- MA455_2016_A_02_QAQCGeochem; and,
- 2015_Codes_MA455.

MA366

SOIL SAMPLING

The requested information for MA366 included:

- Sample preparation codes;
- Sample preparation details;
- Assay codes; and,
- Lower detection limits; and,
- Logging codes.

All preparation were completed with PUL-23, which is the process of pulverising and splitting samples to the desired size.

These have all been updated within the .txt files

- MA455_2016_A_01_SurfaceGeochem;
- MA366_2016_A_02_QAQCGeochem; and,
- 2015_Codes_MA366.txt.

COXCO RESOURCE MODEL UPDATE

The estimation was completed using Gemcom Surpac version 6.7 and Leapfrog Geo version 3.1 was used for geological modelling. The model was then converted to Vulcan format for site use using version 10.0.3.

Table 1 below summarises the block model extents in MGA94 with a vertical height offset of +10,000m from AHD.

Table 1: Summary of block model extents

	Easting (m)	Northing (m)	RL (m)
Start Offset	621,892	8,172,376	9,752
End Offset	622,356	8,173,648	10,088
Block Size	4	4	4
Number of Blocks	116	318	84

Holes used for the estimation process are found in the .txt files:

- MA366_2016_A_04_Drillcollars;
- MA366_2016_A_05_DownholeSurveys; and,
- MA366_2016_A_06_DownholeGeochem.

Density in the block model is a direct assignment of 2.77g/cm³.

Assumptions on cutoff grade are outlined in the .pdf presentation '*Coxco Deposit Evaluation September 2016*'.