



**TECHNICAL SUMMARY**

Navigation : Differentially-corrected GPS  
Date reduction grid interval : 40 metres  
Terrain clearance : Helicopter 60 m  
Electromagnetic sensor 35 m  
Magnetometer 35 m  
Data sampling interval : 0.1 second  
Magnetometer / sensitivity : Cesium / 0.01 nT  
Electromagnetic system : DIGHEM<sup>®</sup>

Frequency	Sensitivity	Coil Orientation
1000 Hz	.06 ppm	Vertical coaxial
5500 Hz	.12 ppm	Vertical coaxial
980 Hz	.12 ppm	Horizontal coplanar
7200 Hz	.24 ppm	Horizontal coplanar
56000 Hz	.50 ppm	Horizontal coplanar

**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	< 1 siemens
-	*	Questionable anomaly

**FLIGHT LINES WITH EM ANOMALIES**

Interpretive symbol  
Anomaly identifier  
Interpretive symbol

Conductor model  
Bedrock conductor  
Narrow bedrock conductor ("thin sheet")  
Conductive cover  
Broad conductive rock unit, deep conductive weathering, thick conductive cover ("half-space")  
Edge of broad conductor ("edge of half space")  
Culture, e.g. power line, metal building or fence  
Magnetite

Flight direction  
Flight number  
Flight line number  
Refight Number  
Line Number  
Area Number  
Fiduciate identified on profiles  
Dip direction  
EM anomaly (see EM legend)  
Conductor axis (on EM maps only)  
Area indicate the conductor has a thickness > 10m  
Magnetic correlation in nT

**INTERPRETATION LEGEND**

Inferred structural break  
Magnetic zone  
Conductive zone

**LOCATION MAP**

NTS: 105 0/1,2,3,6,7; 105 P/4  
UTM ZONE: 9  
NAD83  
SCALE: 1:650,000

**COLORADO RESOURCES LTD.  
MAC PASS CLAIMS, YUKON**

**INTERPRETATION**

FUGRO DIGHEM <sup>®</sup> SURVEY	NTS: 105 0/1,2,3,6,7	GEOPHYSICIST:
DATE: OCTOBER, 2011	JOB: 11046	SHEET: 3

Fugro Airborne Surveys

0 1 2 Km  
0 1 Mi  
Scale 1:20 000

**FUGRO AIRBORNE SURVEYS**