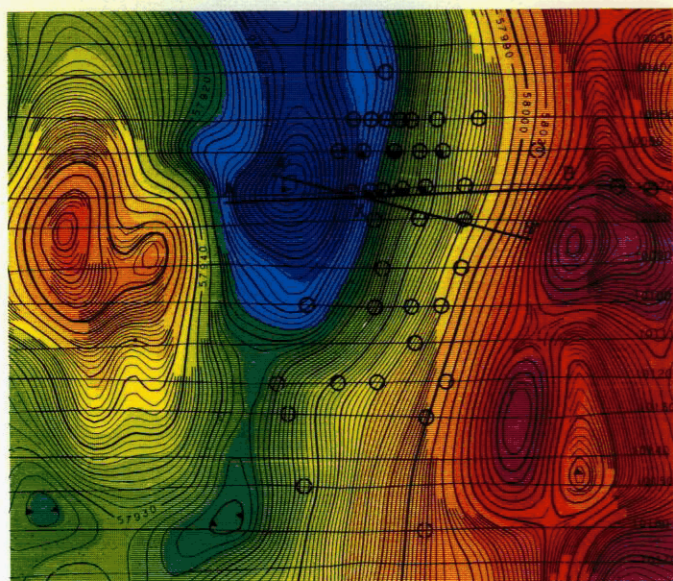


Prime Exploration - A division of Prime Equities Inc.
EURUS RESOURCE CORP./THIOS RESOURCES INC.
ROCK AND ROLL PROJECT, B.C.

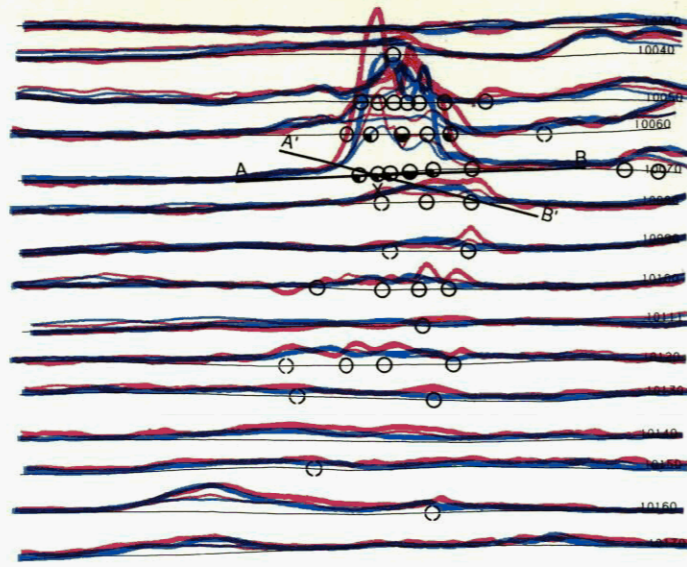
019554

104B 377

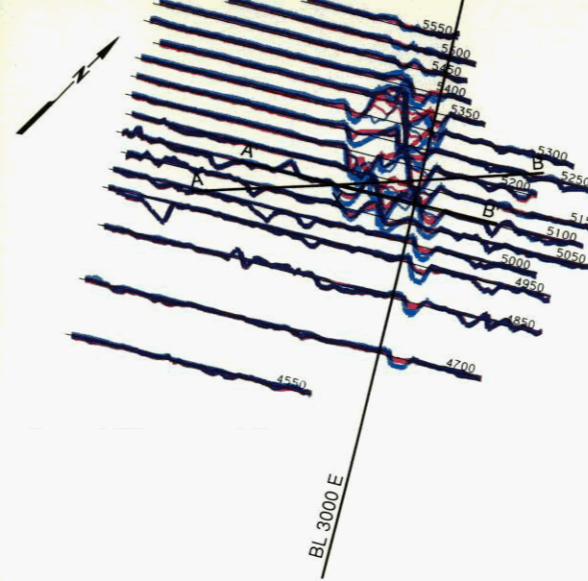
TOTAL FIELD MAGNETICS



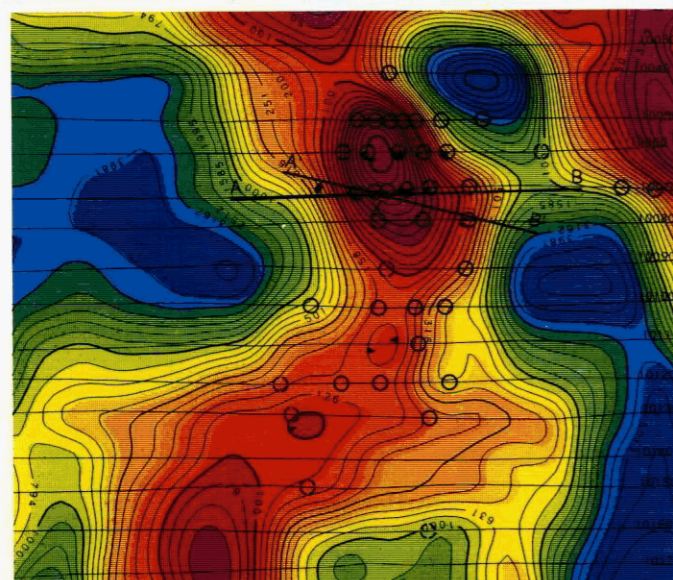
HELICOPTER ELECTROMAGNETIC PROFILES
 Frequencies = 4600 Hz Coaxial, 4175 Hz Coplanar



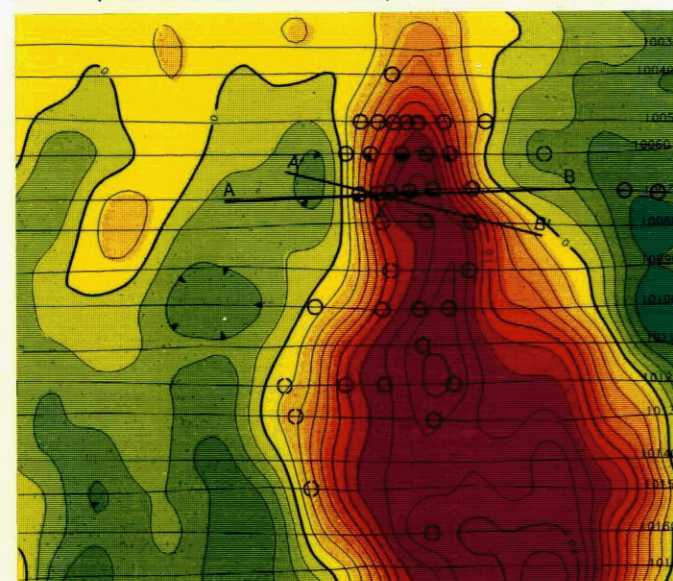
HORIZONTAL LOOP ELECTROMAGNETIC PROFILES
 Coil separation = 50m; frequencies = 3520 Hz, 7040 Hz



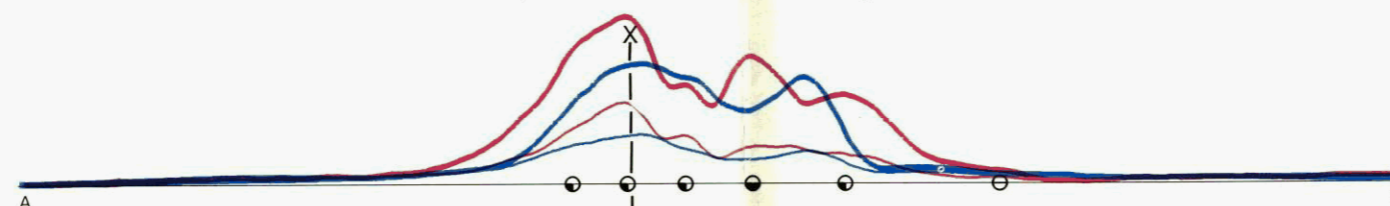
APPARENT RESISTIVITY (4175 Hz)



VLF-EM (NLK - Jim Creek Wash. 24.8 kHz)



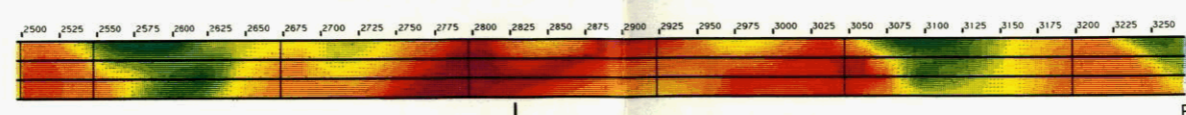
AERODAT HEM PROFILES - LINE 10070
 Frequencies = 4600 Hz Coaxial, 4175 Hz Coplanar



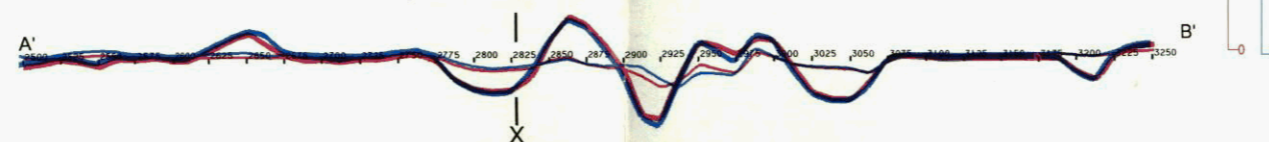
AERODAT RESISTIVITY - DEPTH SECTION - LINE 10070
 935, 4175, 33000 Hz resistivity vs. centroid depth



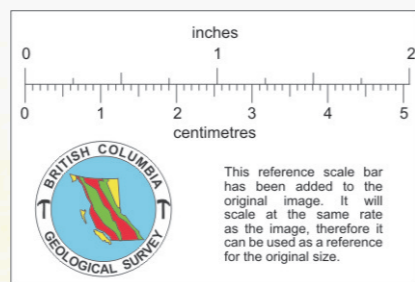
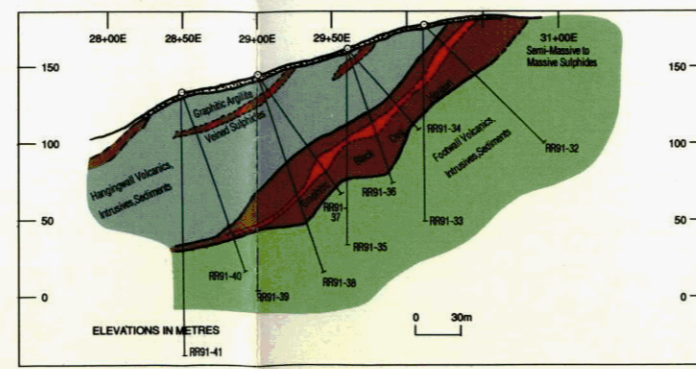
GROUND IP RESISTIVITY PSEUDO SECTION (ohm-m) - LINE 5100



GROUND HLEM PROFILES - LINE 5100
 Coil separation = 50m; frequencies = 3520 Hz, 7040 Hz



DRILL HOLE CROSS SECTION - LINE 5100



CASE HISTORY
ROCK AND ROLL PROPERTY, B.C.
BLACK DOG MASSIVE SULPHIDE DEPOSIT



The survey area is located approximately 10 kilometres northwest of the Snip Mine in the Iskut River area of northwestern British Columbia. The Black Dog massive sulphide deposit is hosted by a sequence of volcanic and sedimentary rocks in the central portion of the Stikine Arch. Aerodat airborne geophysics, combined with follow-up ground surveys have delineated the Black Dog Horizon which hosts strata-controlled disseminated to well laminated semi-massive to massive sulphides. The mineralization strikes northwest-southeast, dips at 20-30 degrees to the southwest and has been drill tested over a strike length of 250 metres. Ground HLEM has traced the Black Dog Horizon over 1300 metres while airborne EM data suggests a minimum strike length of 7000 metres. The Black Dog Horizon has a thickness of approximately 25 metres within which numerous semi-massive to massive lenses occur over widths of up to 10 metres. Assay data representative of diamond drilling on the Black Dog is listed below.

HOLE	INTERSECTION (feet)	Au (oz/ton)	Ag (oz/ton)	Pb (%)	Zn (%)	Cu (%)
RR91-26	9.8	0.459	0.65	0.02	1.26	1.68
RR91-36	19.7	0.080	20.05	2.16	6.41	1.08
RR91-37	32.8	0.093	11.56	1.09	5.07	1.09

The Aerodat airborne survey of this area was instrumental in the discovery of the Black Dog Horizon. The data illustrated, has been collected by the Aerodat HEM (helicopter electromagnetic) system towed in a bird 30 metres above terrain, high sensitivity Scintrex cesium magnetometer towed 50 metres above the terrain and two station Herz VLF-EM sensor towed also at 50 metres above terrain. The HEM unit is a four frequency system consisting of two vertical coaxial coil pairs operating at 935 and 4600 Hz and two horizontal coplanar coil pairs operating at 4175 Hz and 33 kHz. The coils are mounted in a Kevlar "bird" at a separation of 7 metres. The ground data illustrated was collected by Lloyd Geophysics utilizing a Horizontal Loop Electromagnetic system operating at 880 Hz, 3520 Hz and 7040 Hz with a coil separation of 50 metres, and an Induced Polarization system utilizing a Pole-Dipole Array with an (a) spacing of 25 metres.

CONCLUSIONS

- There is an excellent agreement between the ground and airborne EM surveys in identifying the Black Dog Horizon.
- The resistivity cross section derived from the airborne data over the Black Dog Horizon yields very comparable results to the electrical properties measured by the IP survey.
- Multi-parameter helicopterborne surveys yield data of comparable resolution and accuracy to ground surveys. Furthermore, new developments in interpretational procedures permit the presentation of airborne data in both colour plan map and cross-section formats.

ACKNOWLEDGMENTS

The comparison of HEM data with Ground Geophysics, Geology and Drill Hole cross section is presented courtesy of Prime Explorations, a division of Prime Equities Inc., Eurus Resource Corp. and Thios Resources Inc.

