

Geonex Aerodat Inc.

Export Contact

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President

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Equipment/Services

EXPLORATION

Aerial Mapping Services
Data Interpretation Services
Exploration Software

Company/Product

Geonex Aerodat is an airborne survey company that specializes in geophysics. Geonex Aerodat currently operates up to 7 complete helicopterborne geophysical systems and has flown more than 500,000 line kilometres of helicopterborne EM in the past 4 years alone. In addition to the helicopter services, Geonex Aerodat operates up to 4 fixed-wing aeromagnetic/radiometric systems. Helicopterborne geophysical projects have been conducted for mineral exploration, engineering and environmental applications. The company has been charged with the task of locating objects as small as 5 gallon drums and as large as porphyry copper deposits and regional structural features. In addition to these targets, Geonex Aerodat has been actively involved in the Slave province, N.W.T. in the search for kimberlites. During the past field season alone, Geonex Aerodat has located over 40 kimberlite pipes for its clients.

Geonex Aerodat's helicopter geophysical services include 4 and 5-frequency HEM, magnetometer, radiometer VLF-EM and gamma-ray spectrometry. Since Geonex Aerodat has been traditionally able to operate all of its sensors simultaneously, surveys have rarely been carried out with one instrument type only.

As Geonex Aerodat has pioneered the use of electronic navigation systems for helicopter geophysics, it continues this commitment to positional excellence and have acquired numerous Global Navigation Systems that utilize satellite positioning techniques. Since 1988, Geonex Aerodat has flown airborne geophysical surveys using GPS as a navigation aid. With more satellites available, the operation window increases, enabling Geonex Aerodat to offer differential GPS positioning to all its clients.

Geonex Aerodat is well experienced in the processing of large data sets, and has recently completed recompilation, merging, and presentation of the entire Spanish airborne magnetic database. This project partially entailed re-digitization, extraction from raw digital tapes, flight path corrections, levelling and IGRF corrections. The entire project entailed reprocessing 95,500 line kilometres and included four different surveys.

Geonex Aerodat currently works through the world through its network of agents. Agents include:

Chile	Quantec Geofisica	Santiago
Brazil	Geomag S.A.	Sau Paulo
Venezuela	Geoexpert	Caracas
Spain	I.G.T.	Madrid
Saudi Arabia	International Agencies and Commerce Ltd.	Jiddah

Geographic Marketing Activity

Active

Aruba	Malaysia
Germany	Mexico
Ghana	South America
Indonesia	Spain
Iran	UnitedStates

Interested

Worldwide

Alliances/Contacts Sought

Agents