

ESSI Increases Gold Prospecting Activity In Nevada And Oregon

SALT LAKE CITY — Earth Search Sciences, Inc., a Salt Lake City-based exploration company, has recently stepped up its gold prospecting activity in Nevada and Oregon through joint ventures with three mining companies.

Utilizing its Airborne Thematic Mapper (ATM) database, ESSI has signed agreements with Beaver Resources Inc. of Vancouver, B.C., Noranda Exploration Inc. of Toronto, and Shell Oil's mineral exploration division, Billiton Minerals Inc. of Houston.

The agreements call for ESSI to provide processing and interpretation of the ATM data while ground investigation of potential precious mineral sites will be conducted by Beaver Resources. ESSI and Beaver will

have joint ownership of claims staked.

Noranda and Billiton will provide funding for additional field verification and thereby earn one-third ownership of claims staked within their respective areas of interest.

ESSI's multispectral scanner imagery compiled over 5.5 million acres of Nevada and Oregon terrain, making it the largest ATM database ever produced for mineral exploration in the United States, according to Larry Vance, president of ESSI.

The ATM system employed by ESSI is basically an airborne version of the Landsat (TM) scanner and is manufactured by Daedalus Enterprises of Ann Arbor, Michigan.

Two types of multispectral imagery are being used by ESSI — eleven channel (visible, mid and thermal infra-

red) imagery acquired during the daytime to identify mineralized outcrop in the mountain ranges, and thermal images acquired before dawn to delineate geological structure and possibly silicification along the range front and valley areas.

Ground investigations are under the technical direction of Joe Breen, Beaver Resources' chief geologist in the USA.

According to Vance, the interaction between field and interpretation geologists will be essential for the effort to succeed.

"There is no question that we can dramatically reduce exploration time in the field, and with much greater efficiency," Vance said.

ESSI is headquartered at 2319 Foothill Drive, Suite 100, Salt Lake City, UT 84109, (801) 486-3070.

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