



GEOMINE



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Geomine Ltd.

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G eomine specializes in area reduction where large areas that are suspected to be mined (antipersonnel mines/ anti-tanks mines/ any other Explosive Remnant of War (ERW)) may be quickly released, saving millions of dollars and most importantly – saving lives.

The international need

The potential presence of landmines is enough to make land unusable and inaccessible to people, as a result approximately 80% of all land designated as mined is in fact clear.

Geomine's solution is a breakthrough in the demining industry as it allows the detection of landmines through aerial photography. Geomine developed a geological method that allows an aerial survey of large areas that are suspected to be mined.

The technology

With just one aircraft, Geomine's aerial surveying service will be able to survey up to 1,000km²/day. Land shown to be free of ERW can be released quickly. Clearance operations will take weeks rather than years and even mined land can soon be liberated to agricultural or other development.

The technology is based on geological and chemical changes of the ground and vegetation where ERW is present (anti personal mines/ anti tanks mines/ any other explosives). Geomine's technology may confirm the presence of mines or may

add confidence that there are no hazards leading to some or all of the land being released without the necessity for clearance. In order to identify the suspected areas we use both satellite images as well as Hyperspectral images.

The company

Geomine is an Israeli company, established by Mr. Avi Buzaglo Yoresh in 2007.

Mr. Buzaglo Yoresh spent over 20 years in the Israeli Defense Forces; he concluded his service as Lieutenant Colonel and holds a M.Sc. in Geology from the Hebrew University in Jerusalem. Mr. Buzaglo-Yoresh combined his experience in the military with his experience in Geology in order to find ways to detect land-mines from the geological and chemical aspect rather than on the metallic parts aspects, as done to date.

Line of Business:

- Mine & Mineralogy
- Mapping by Air Photography
- Real Time Solution for Field Photography

Established: 2007

