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**NEWSLETTER 11** 

**JULY 2008** 

**INCORPORATED IN CANADA** 

# OTAGO REGION ON-GROUND EXPLORATION: PROMISING GOLD PROSPECTS AT DRILLING STAGE

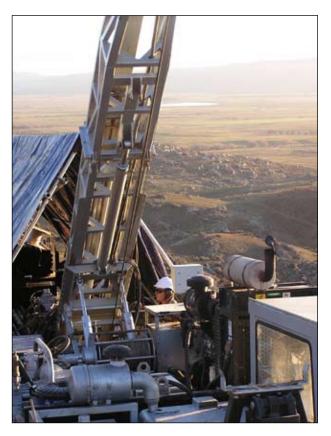
In August 2007, Glass Earth completed the largest airborne geophysical survey in New Zealand, over 13,000km2 of mesothermal terrane in the Otago region.

The magnetic and electro-magnetic data collected identified shear zones similar to that which hosts the 7.2Moz Macraes gold mine; Glass Earth began on-ground exploration in September 2007, focussing directly on these potentially gold-bearing regional structures.

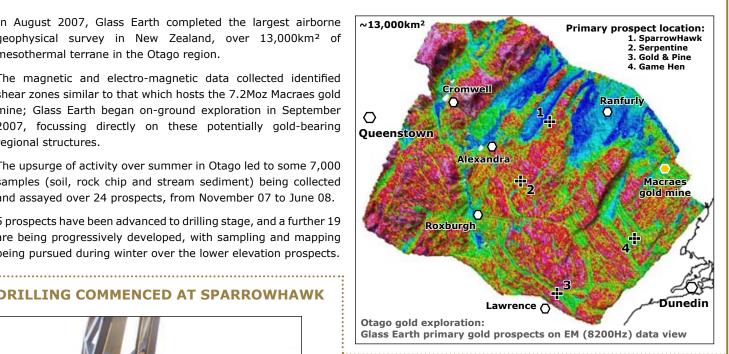
The upsurge of activity over summer in Otago led to some 7,000 samples (soil, rock chip and stream sediment) being collected and assayed over 24 prospects, from November 07 to June 08.

5 prospects have been advanced to drilling stage, and a further 19 are being progressively developed, with sampling and mapping being pursued during winter over the lower elevation prospects.

## DRILLING COMMENCED AT SPARROWHAWK



A crew of 3 to 4 Glass Earth geologists and technicians, along with 2 drillers, have set up camp at Solandra Lodge, at the foot of the hills. A core shed has been installed in the same location, for core logging and cutting to be undertaken on-site, before delivery to the lab for analysis.



Identification of an anomaly in the airborne geophysical data led Glass Earth to commence exploration at SparrowHawk (Rough Ridge) in November 2007, with geological mapping and a stream sediment sampling programme, followed by soil and rock chip sampling.

Results of the sampling indicated a new significantly gold mineralised system; drilling was initiated to test this target, commencing on 10 June 2008 with 2 diamond drill holes.



#### **HIGHLIGHTS**

- Otago Region: drilling at SparrowHawk
- Serpentine prospect: revival of historic alluvial property
- New crew for Otago exploration
- Corporate: Simon **Henderson new Glass Earth CEO**
- □ Conference: Glass Earth at AusIMM '08

Far left: diamond drilling at SparrowHawk prospect, drill hole #1, June '08

Left: Geologists discussing the core, in the core shed installed at Solandra Lodge, Poolburn



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## **GLASS EARTH OTAGO CREW**

Several teams, totalling 20 field staff, have been on ground in the Otago Region over the past 8 months. Up to 10 staff were temporarily relocated from Glass Earth's Rotorua and Wellington offices, to provide manpower for the intense exploration activities conducted through the South Island summer.

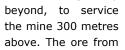
Samantha Alcaraz (CVR Geologist and Database Manager), Dougal Henderson (CVR Regional Manager and Geologist), and Eddie Young (CVR Field Technician) have accepted permanent positions in Otago, with Dougal Henderson taking on the management of the Otago crew. Other members of Glass Earth's CVR staff will be working in Otago on a secondment basis.

#### SERPENTINE PROSPECT: SHEDDING NEW LIGHT ON OLD ALLUVIAL PROPERTY

The rush to the Serpentine began in June 1863, when prospectors found gold in the Serpentine Valley at the head of the Taieri River.

Following up a branch of Serpentine Creek to a flat basin (Golden Gully) below the summit of Rough Ridge, they established the township of Serpentine. At an elevation of over 1,000m it was the highest gold town in Otago and possibly New Zealand. Today a lonely church is the sole surviving building at Serpentine and stands in solitude in this remote, desolate place.

Mining, including sluicing and tunneling, took place in the Golden Gully and when a quartz reef was discovered in 1878 a battery was set up at Germans Jacks. One of the Golden Gully mines was on the summit of Rough Ridge. In 1890 the Serpentine battery was taken over the summit and down into the Long Valley



the mine was lowered on a steep tramline for crushing at the ten stamper battery, which was driven by a 26 foot wide water wheel.

examine the stamper battery at German Jacks

The mine was not a success and the battery ceased operations in 1891.

The Serpentine area showed up in Glass Earth's airborne geophysical data as a large shear zone, which Glass Earth began ground-truthing in September 2007, completing a large soil sampling programme which returned positive gold results.

Three to four drill holes have been planned to test these combined anomalies, scheduled to commence in October 2008, as winter conditions have now settled in over Serpentine.



# **CORPORATE: MANAGEMENT CHANGES FOR GLASS EARTH**

Glass Earth's management team has been reshaped with the appointment of a New Zealand-based President and CEO and a non-

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executive chairman. The management team now comprises Simon Henderson (President and CEO), John Dow (non-executive Chairman) and Peter Liddle (CFO) all based in New Zealand, with the balance of the directors based in Canada and the USA (Richard Billingsley, Stephen Burns and Paul C Jones).



### **GLASS EARTH AT AUSIMM NZ CONFERENCE '08**

Glass Earth will be present at the 2008 AusIMM New Zealand Branch Conference.

The conference will be held at the Duxton Hotel in Wellington from August 31st to September 3rd 2008. Glass Earth will be holding booth number 13, where we hope to see many of you! Our team will also be giving three technical presentations during the conference, including one relative to the company's exploration in the Central Volcanic Region, and two on our Otago Region work: Domaining the Otago Schist Belt, and a case study of our Serpentine prospect.