

## **First drilling completed at Devon Mine, Dove River.**

**22nd April 2008, Melbourne:** Pluton Resources Limited (“Pluton”) (ASX:PLV) announces completion of 2 drill holes below the original Devon Mine workings at Dove River (Exploration Licence 14/2006), in Tasmania. Drilling intersected altered and sulphide mineralised rocks prospective for porphyry-style copper-gold mineralisation.

The Devon Mine is located in the western part of the Dove River exploration licence, and within Tasmania’s highly prospective Mt Read Volcanic Belt. The Devon Mine was the focus of mining for lead and silver in the late 19<sup>th</sup> and early 20<sup>th</sup> century.

Mapping by Pluton showed the Devon Mine to coincide with an area of porphyry-style (potassic) alteration and sulphide mineralisation. This system extends at least 1.5 kilometers in length. Systematic rock chip sampling of accessible parts of the Devon Mine (reported 3<sup>rd</sup> April, 2007) returned an average of 1.93 g/t gold, 228 g/t silver and 0.21% copper across 144 rock chip samples.

Drilling just completed aimed to test for extensions of porphyry-related vein and disseminated mineralisation of a style consistent with a bulk tonnage target. Two holes were drilled at an angle from horizontal of 45 degrees for a combined 430m. Both were collared from the one location but angled such as to intersect the targeted mineralised zone at a horizontal spacing of about 40 to 50m.

DEVD1 intersected a 40m alteration zone containing disseminated sulphide from 87m (approximate true width of 28m). DEVD2 intersected a 6m pyrite-rich breccia (figure 1) within a 44m wide zone of (silica-potassic) alteration from 99m (approximate true width of 28m).

Mineralisation and alteration are consistent with vein-style mineralisation mined from surface being related to disseminated sulphide mineralisation at depth and along strike of the Devon Mine workings.

Pluton’s Managing Director, Mr. Tony Schoer said; “The visual results from the two drill holes in the Dove River exploration licence are encouraging. We are planning to undertake follow up drilling on this large target later this calendar year”.

The drill core is currently being cut and will be shipped for assay testing in due course.

For more information contact Managing Director, Mr. Tony Schoer on 0411 232 711.

---

**About Pluton:** Pluton Resources Limited is listed on the Australian Stock Exchange (ASX Code “PLV”). Pluton has assembled a diversified portfolio of interests in tenements in Western Australia and Tasmania. Tenements located in Western Australia are prospective for iron ore, and Pluton has the exclusive right to earn a 50% interest from its joint venture partner Portman Iron Ore Limited. Tenements located in Tasmania are prospective for high grade or bulk tonnage copper, gold and silver from the Dove River and Cethana exploration licences.



Figure 1. Photograph of 10cm wide vein containing abundant sphalerite, galena, pyrite and chalcopyrite (left) within sulphide-rich breccia zone (right) from DEVD2.