



### **Earthworks DataMine 3D .GVP Visualization of D Vein**

This 3-D view of the upper-most portion of the Macassa mine displays the north-south D vein, the east-west '04 Break, and flat hangingwall veins (SG). All of these have been discovered by Kirkland Lake Gold in what had been thought to be an area devoid of ore. Very little drilling has been carried out historically at Macassa to the south of the primary ore structure, the '04 Break (in dark blue). The newly-discovered D vein is one example of what exists to the south. Though most ore zones in Kirkland Lake are roughly east-west striking, this zone is north-south striking. The D vein projects close to Shaft #3, thus enhancing the economics of developing two new levels at both 3400 and 3000 elevations. The 3400 level development is being excavated along the new D zone out north to the primary host structures at the Macassa Mine –the '04 Break North and the '04 Break South (both are seen close to the '04 Break). In white is the #3 shaft, and the upper-most 3 levels. In light blue is the development occurring to gain access to the D zone ore. Red and pink are reserves and resources as at Feb. 2004. For scale, the distance from #3 shaft to the '04 Break, along the D vein structure, is ~1,900 feet. Drill holes are not shown in this 3-D.