

V. WELL LOCATION INFORMATION (continued)

The following GPS antenna coordinates were obtained from 63 continuous satellite counts, and are expressed in the WGS-72 Datum:

Latitude 40°10'48"204 S
Longitude 146°41'57"606 E

The WGS-72 coordinates were converted to Australian Geodetic Datum coordinates using tables from the National Mapping dated 3 January 1984:

Delta x = 127.4 meters
Delta y = 28.9 meters
Delta z = -139.2 meters

Final Australian Geodetic Datum coordinates of CHAT #1 drill stem as derived by GPS are:

Latitude 40°10'53"430 S N = 5,552,037.794 mtrs.
Longitude 146°41'54"955 E E = 474,340.604 mtrs.

Distance from desired location = 7.2 m. @ 169.6° True

The difference from the Maxiran final position and the GPS position is 8.5 meters, at a bearing of 185.775° True.

Australian Geodetic Datum coordinates listed are expressed in the Universal Transverse Mercator Projection, Australian National Spheroid of Reference, Zone 55, Central Meridian 147° East.