



Transformation of Co-ordinates from Integrated Survey Grid (ISG) to Bold Head Mine Grid (B.H.M.G.)

Latitude $X = X_0 + x \cos \theta - y \sin \theta$
 Departure $Y = Y_0 + y \cos \theta + x \sin \theta$
 where, $X =$ B.H.M.G. Latitudes
 $Y =$ B.H.M.G. Departures
 $X_0 = N 10,000m$
 $Y_0 = E 10,000m$
 $x =$ Difference in ISG Latitude of starting point and required point.
 $y =$ Difference in ISG Departure of starting point and required point.
 $\theta = 18^\circ 26' 40''$

KING ISLAND SCHEELITE LTD.

BOLD HEAD GRID
 SCALE 1:1000