**qryR\_FlatFile\_PointIntercept Queries**

**Purpose**

Build queries to support the following process - Bolt elevation flat file 🡪 Convert into elevation model (per visit & transect) 🡪 Use model to derive elevation data for point intercept species data (per visit & transect).

**1) List of bolts with their elevations**

**Query name:** qryR\_FlatFile\_PointIntercept\_BoltDist\_parta

**Basic Output:** Site, Transect, Bolt #, Elevation\_m, Coordinates

**2) Bolt distances measured at each visit**

**Query name:** qryR\_FlatFile\_PointIntercept\_BoltDist\_partc (built from …parta and …partb)

**Basic Output:** Site, Transect, Bolt #, Elevation\_m, Date, Distance\_m

**3) Point intercept data for each transect at each visit**

**Query name:** qryR\_FlatFile\_PointIntercept\_Spp

**Basic Output:** Site, Date, Transect, Distance\_m, Species\*

\*still needs elevation from modeled values