

BGS Aeromagnetic Data README

Standard BGS Aeromagnetic data delivery format

SURVEY_AREA	Original Survey CA = Canadian Aeroservices, HG = Hunting Geophysics, and year (1955-1965)
LINE_NUMB-SEG	Line number and line segment number concatenated
ORDER_BY	
MAP_SHEET	Original Contractor's sheet number
LONGITUDE	OSGB36 degrees, positive east
LATITUDE	OSGB36 degrees, positive north
GRID_EAST	BNG m
GRID_NORTH	BNG m
GROUND_ELEV	Ground elevation m, relative to Ordnance datum, estimated from DTM
MTC	Mean Terrain clearance m (approximate)
AOD	Flying Height m (approximate)
MAG_BUL	Mag value in nT, with Original Magnetic reference field removed. (Bullerwell)
MAG_IGRF55	Mag value in nT, with IGRF1955 removed
MAG_IGRF90	Mag value in nT, with local variant of IGRF1990 removed.
L1	Status Flag – not currently used
L2	Status Flag – not currently used
L3	Status Flag – not currently used

SURVEY_AREA,LINE_NUMB-SEG,ORDER_BY,MAP_SHEET,LONGITUDE,LATITUDE,GRID_EAST,GRID_NORTH,GROUND_ELEV,MTC,AOD,MAG_BUL,MAG_IGRF55,
MAG_IGRF90,L1,L2,L3
CA55_NORTH,FL1-1,45,1,-1.74012,53.48138,417244,398355,487,305,792,60,81,62,0,0,0
CA55_NORTH,FL1-1,46,1,-1.69972,53.48326,419924,398575,358,305,663,57,76,56,0,0,0
CA55_NORTH,FL1-1,61,2,-1.07893,53.47650,461124,398175,10,305,315,40,48,30,0,0,0
CA55_NORTH,FL1-1,62,2,-1.07313,53.47645,461509,398175,10,305,315,41,49,31,0,0,0
CA55_NORTH,FL1-1,63,2,-1.01604,53.47559,465299,398130,16,305,321,54,62,44,0,0,0
CA55_NORTH,FL1-1,64,2,-0.97830,53.47532,467804,398135,7,305,312,57,64,46,0,0,0
CA55_NORTH,FL1-1,65,2,-0.90075,53.47589,472949,398275,0,305,305,62,69,51,0,0,0
CA55_NORTH,FL1-1,66,2,-0.79873,53.47594,479719,398390,0,305,305,71,77,59,0,0,0

Note

See digitising report for further information on map sheet digitisation methodology.