

SURVEYING AND MAPPING DIVISION  
Alberta Survey Control Marker (ASCM) Information  
MASCOT DSS-1

Horz Datum NAD83 Updated: 1997-07-29  
Latitude 50 59 45.00616 dms  
Longitude 114 05 42.05384 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 94-11  
Date Printed 2025-08-03  
Last Updated 2011-01-05

ASCM 2196  
Tablet Markings 2196  
Mapsheet Name CALGARY F  
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1998-11-18  
Elevation 1093.618 m  
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey  
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 10-11-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-01-05

Scale Factor 0.999900 At Ref Mer 114

Northing 5651061.514 m  
Easting -6669.759 m  
Convergence -0 04 25.81 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
270264 200172	151.671	1	20/1	0.999732	6 00 52.36	11.8	0.00
282046 2017.27	203.513	1	26/2	0.999736	82 37 28.60	11.4	0.00
159814 2017.26	252.537	1	23/1	0.999735	105 50 33.99	8.3	0.00
64139 2017.21	259.751	1	24/2	0.999730	4 54 06.27	7.3	0.00
131854 2017.20	314.699	1	21/1	0.999731	43 40 14.42	6.4	0.00
1941 D84	385.017	1	21/1	0.999730	0 13 49.00	4.8	-0.01

GEOID DATA (GSD95) Updated: 97-07-29

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.4 s 2 s  
Geoid\_Ellip Separation -16.07 m 1 m

MARKER TYPE

Updated: 1997-07-07

GROUND ROD WITH STABILIZER PLATE AND FENO MARKERS.  
25 CM BGL

COORDINATE HISTORY

HORZ

VERT

Originating Project 95025 95025  
Published 97-07-29 97-07-29

Revising Project 96005  
Published 98-11-18  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 2011-01-05

MARKER IS LOCATED ON TOP OF PLATEAU OF HILL NORTH OF 14 ST SW U-TURN AND GLENMOR E TRAIL SW; 7.0 M NORTH OF NORTH BULLNOSE PRODUCED EAST OF 14 ST (ACCESS ROAD TO GLENMORE DAM); 7.6 M WEST OF GAS PIPELINE WARING ON TOP OF HILL.

NON COORDINATE REVISIONS

1997-07-07 FIRST MARKER LOCATION DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED  
1997-07-07 INSTALLATION DATE AND TABLET MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION

2010-11-17 2011-01-05  
1999-02-19 1999-11-23

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

VERT

98-11-18

-0.003 m AVAIL CCS ELEV IGNORED-INTEGRATION REASONS