

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 08.50708 dms
Longitude 114 06 02.97756 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03

ASCM 41806

Tablet Markings 649-4.173

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1093.503 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5649934.265 m
Easting -7079.295 m
Convergence -0 04 42.03 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
277145 D94	111.057	1	72/2	0.999737	302 29 46.20	4.8	0.00	
213652 649-4.172	143.805	1	56/2	0.999732	60 36 35.09	4.5	0.00	
157842 649-4.177	256.392	1	39/2	0.999732	226 14 08.33	3.3	0.00	
102871 D94A	292.214	1	34/2	0.999735	232 44 38.42	2.9	0.00	
278085 D96	304.785	1	33/1	0.999735	287 08 59.04	2.7	0.00	
170852 649-4.171	359.305	1	31/1	0.999732	78 49 12.38	2.5	0.00	

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-07-11

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL

COORDINATE HISTORY HORZ VERT

Originating Project 72117 72117
Published 72-07-11 72-07-11

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1993-10-01

MON IS LOCATED AT THE INT OF THE N AND W LEGS OF EAGLE RIDGE DR IN FRONT OF
HOUSE NO.208; 4.3 M W OF W B.O.C. PROD.N; 11.6 M S OF N B.O.C. PROD.W; 1.8 M S
OF LT.S.

NON COORDINATE REVISIONS

1972-07-11 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1993-07-19 1993-10-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 4 173

VERT

01-02-07

0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.173 56494 4 173