

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 29.85116 dms
Longitude 114 06 56.88143 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 45047

Tablet Markings 652-8.43

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

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1117.768 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-02-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5654303.232 m
Easting -8123.743 m
Convergence -0 05 24.09 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

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)
197665 652-4.258	178.137	1	67/2	0.999728	32 11 16.33	5.9	0.00
189688 652-8.38	340.669	1	47/2	0.999729	260 12 20.55	2.9	0.00
2865 652-8.50	398.531	1	40/2	0.999728	301 14 56.33	3.2	0.00
282723 636010	524.190	1	29/2	0.999726	61 38 35.27	2.4	-0.01
49346 652-8.56	559.961	1	29/2	0.999728	271 13 42.91	2.2	0.00
209205 652-8.55	598.236	1	28/2	0.999729	289 30 15.68	2.4	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

Originating Project 72111 72111
Published 70-06-24 70-06-24

ON N/S OF 32 AVE. AND W OF 22 ST. SW.; 0.06 M. N OF B.O.W. ON N/S OF 32 AVE.
IN LINE WITH E. P/L FENCE OF HOUSE # 2428 PROD. S; 15.45 M EAT OF LT.S.

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

NON COORDINATE REVISIONS

1973-02-06 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION 1993-02-04 1993-07-07
MARKER REPORTED IN GOOD CONDITION 1991-05-02 1991-11-21

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 43

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.43 56524 8 43