

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 30.21020 dms
Longitude 114 07 25.60316 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 49346

Tablet Markings 652-8.56

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1127.134 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-01-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5654315.235 m
Easting -8683.423 m
Convergence -0 05 46.42 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

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)
209205 652-8.55	187.776	1	69/2	0.999727	358 45	23.30	3.9	0.00
189688 652-8.38	234.793	1	47/2	0.999726	107 20	05.76	3.5	0.00
229831 652-8.58	291.522	1	45/2	0.999729	314 14	01.96	3.8	0.00
2865 652-8.50	293.147	1	44/2	0.999726	48 22	19.25	3.7	0.00
167742 652-8.37	390.712	1	28/1	0.999727	239 56	17.18	2.5	0.00
45047 652-8.43	559.961	1	29/2	0.999728	91 13	42.91	2.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-05-02

Meridian Defl,XI(+N) 3.1 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1993-07-07

Originating Project 72110 72110
Published 84-01-03 84-01-03

ON SOUTH SIDE OF 32 AVENUE AT 26 STREET S.W.; 4.55 M SOUTH OF F.O.C.; 2.5 M
EAST OF F.O.C. WEST SIDE PRODUCED SOUTH; 1.3 M SOUTH OF C/L OF A E-W HEDGE.

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

NON COORDINATE REVISIONS

1973-05-02 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

1993-01-26 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 56

01-02-07

0.025 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.56 56524 8 56