

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 55.16517 dms
Longitude 114 08 14.67176 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 18762

Tablet Markings 652-8.26

Date Printed 2025-08-03
Last Updated 2020-07-10

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1122.872 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 16-03-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-10

Scale Factor 0.999900 At Ref Mer 114

Northing 5653234.063 m
Easting -9641.637 m
Convergence -0 06 24.52 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
206524 652-8.176	261.720	1 53/2	0.999726	167 59 22.75	4.4	0.01
45328 652-8.101	276.529	1 47/2	0.999725	260 47 25.66	4.1	0.00
289454 652-8.27	290.385	1 41/2	0.999725	301 09 30.41	3.0	0.00
264093 652-8.177	313.771	1 48/2	0.999728	82 15 21.13	3.9	0.00
40055 652-8.167	395.421	1 33/2	0.999727	315 50 31.04	2.6	-0.01
123885 652-8.34	493.098	1 32/2	0.999726	354 24 25.12	2.6	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-05-02

Meridian Defl, XI(+N) 3.2 s 2 s
Prime Vert Defl, ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3CM AGL

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1991-11-21

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

ON NW CORNER OF 44 AVE. AND SARCEE RD. SW; 1.3 M. N. OF B.O.W. ON N/S OF
44 AVE. PROD. E.; 5.95 M. W OF B.O.W. ON W/S OF SARCEE RD. PROD. S.; 0.24
M. NW OF B.O.W. ON CURVE.

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, CAP PARTLY EFFACED	2016-03-29	2017-03-16
MARKER REPORTED IN GOOD CONDITION	1992-01-27	1993-07-05
MARKER REPORTED IN GOOD CONDITION	1991-05-02	1991-11-21
MARKER REPORTED IN GOOD CONDITION.	1989-01-04	1989-01-31

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 8 26

01-02-07 0.026 m ELEVATION REVISED AND REINTEGRATED

HISTORY 652-08.26 56524 8 26