

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 31.98872 dms
Longitude 114 04 53.76382 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03

ASCM 22863

Tablet Markings 2017.4

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

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1076.374 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-02-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5652512.110 m
Easting -5726.538 m
Convergence -0 03 48.33 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
140921 D68	246.639	1	73/2 0.999731	267 33 38.82	2.6	0.00
209320 2018.5	289.266	1	97/3 0.999735	3 10 04.30	8.0	0.00
156406 2018.4	338.599	1	89/3 0.999736	36 38 50.97	6.6	0.00
212159 2018.6	351.970	1	77/2 0.999733	317 49 54.13	6.2	0.00
49676 2017.3	371.492	1	43/2 0.999735	90 07 47.08	2.2	0.00
216259 2018.7	375.653	1	61/2 0.999732	294 36 01.06	3.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-12-29

Meridian Defl, XI(+N) 3.1 s 2 s
Prime Vert Defl, ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-12-29

Originating Project 69102 69102
Published 70-06-09 70-06-09

ON NW COR. OF ELBOW DR. AND 50 AVE. S.W.; 0.90 M. W OF B.O.W.; 14.0 M. N OF
F.O.C. PROD. E.; 6.10 M. NW OF SIGNAL LTS.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98014
Published 99-08-16
Revising Project
Published

NON COORDINATE REVISIONS

1970-06-09 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

1992-02-13 1992-12-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 153

01-02-07 -0.010 m ELEVATION REVISED AND REINTEGRATED
99-08-16 0.026 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 153