

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 02 04.30908 dms
Longitude 114 01 38.79837 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03

ASCM 18457

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

Tablet Markings

Vert Datum CVD28 Updated: 1983-09-14
Elevation 1078.393 m
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG

Mapsheet Name CALGARY G
Mapsheet Number 5655 - 000

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

Marker Condition GOOD 76-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5655361.936 m
Easting -1924.882 m
Convergence -0 01 16.82 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
21055 2219.49	227.677	1 121/3	0.999740	47 57 43.36	9.7	0.00
111195 2219.53	404.569	1 59/2	0.999734	332 13 19.14	3.6	0.00
53108 2319.10	405.824	1 78/3	0.999738	47 44 40.04	6.7	0.00
250027 2220.8	470.995	1 51/2	0.999737	339 23 32.38	3.4	0.00
154179 2219.43	520.513	1 50/2	0.999738	195 08 55.15	3.3	0.00
164889 2319.8	543.871	1 42/2	0.999737	81 58 09.79	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-06-02

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

HIGH POINT

COORDINATE HISTORY

HORZ VERT

Originating Project 76040 76040
Published 83-09-14 83-09-14

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 1976-06-02
TOP OF RADIO MAST ON TOP OF 'MONUMENT MACHINE AND WELDING LTD.
2004 - 14A ST. SE. POINT OBSERVED: TOP OF ANTENNA ON TOP OF MAST.
NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY
(HIGH POINTS). 85/09/05

NON COORDINATE REVISIONS

1976-06-02 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1993-06-08 TABLET MARKINGS CHANGED FROM
MON.MACH.WEL.RAD

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56554 0 277

VERT

HISTORY MON-MACH.WEL.RAD56554 0 277