

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 50.76907 dms
Longitude 114 00 49.51711 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-08

ASCM 12575

Tablet Markings 643-0.234

Date Printed 2025-08-03
Last Updated 2021-11-15

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1028.917 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-03-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5643819.611 m
Easting -966.891 m
Convergence -0 00 38.44 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	
192781 643-0.262	182.904	1	55/2	0.999744	356 25 09.72	3.5	0.00
253633 643-0.259	199.354	1	80/2	0.999741	101 34 04.54	6.9	0.00
178020 643-0.236	239.118	1	46/2	0.999740	230 09 52.12	3.8	0.00
138727 643-0.260	288.356	1	55/2	0.999744	69 19 46.56	4.6	0.00
47431 643-0.237	314.494	1	38/2	0.999741	239 48 14.90	2.9	0.00
260331 643-0.231	315.010	1	32/1	0.999740	299 20 10.35	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1980-05-23

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1980-05-23

Originating Project 79032 79032
Published 83-08-18 83-08-18

SE CORNER 137 AVE AND DEERCLIFFE RD SE;
0.05M E OF CURB; 4.80M S OF CENTER OF CATCH BASIN;
ON B.O.R.C. 137 AVE PRODUCED E.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1980-05-23 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1989-03-28 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 234

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.234 56434 0 234