

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 14.12212 dms
Longitude 114 01 07.52478 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03

ASCM 68130

Tablet Markings 640-0.33

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

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1032.853 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 18-12-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5640833.417 m
Easting -1319.275 m
Convergence -0 00 52.41 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
60525 231109	286.931	1	42/2	0.999741	294 23 35.90	2.5	0.00
24463 24463	463.188	1	28/1	0.999740	234 08 28.62	2.4	0.00
178939 640-0.231	559.428	1	25/1	0.999740	270 37 46.70	1.8	0.00
380220 640-0.230	641.932	1	20/1	0.999740	291 41 56.65	1.4	0.00
438408 438408	733.701	1	22/1	0.999740	238 44 45.66	1.8	0.00
312678 312678	781.719	1	20/1	0.999741	214 34 11.18	1.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-06-22

Meridian Defl,XI(+N) 4.2 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GRND., 1 GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-08-17

Originating Project 73118 73118
Published 83-03-21 83-03-21

LOCATED 930.0' EAST OF STATION 231109; 16.0' EAST OF FENCE; 5.0' NORTH OF FENCE
LINE PRODUCED EAST; 1.0 M EAST OF RED GRAVEL WALKWAY TO SCENIC VIEW; 15.0 M
SOUTH EAST OF TRANSMITTER SITE.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project 86028 86028
Published 89-10-20 89-10-20
Revising Project
Published

NON COORDINATE REVISIONS

1974-03-21 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2018-12-05	2019-03-25
MARKER REPORTED IN GOOD CONDITION	1990-05-10	1990-06-22
MARKER REPORTED IN GOOD CONDITION	1989-10-30	1990-01-04
MARKER REPORTED IN GOOD CONDITION.	1988-11-25	1989-02-15

COORDINATE HISTORY COMMENTS

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 0 33

VERT

99-08-16 0.010 m ELEVATION REVISED AND REINTEGRATED
89-10-20 -0.157 m PREVIOUS TRIG. ELEV. REPLACED BY SPIRIT LEVEL

HISTORY 640+00.33 56404 0 33