

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 53 58.05498 dms
Longitude 114 07 43.35875 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-05
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 53041
Tablet Markings 640-8.40
Mapsheet Name CALGARY F
Mapsheet Number 5640 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1127.029 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5640344.687 m
Easting -9053.802 m
Convergence -0 05 59.59 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m) (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
879767 879767	545.148	1	22/1	0.999727	341 59 07.46	1.9	-0.01	
894733 894733	709.015	1	20/1	0.999724	194 12 45.11	1.6	0.02	
86934 640-8.34	838.710	1	15/1	0.999727	345 04 55.31	1.4	-0.02	
979534 979534	1137.034	1	13/1	0.999725	314 43 06.10	1.1	-0.02	
545483 545483	1155.024	1	13/1	0.999727	135 52 03.26	1.1	0.02	
268466 637-8.8	1204.003	1	12/1	0.999724	221 46 54.23	1.0	0.02	

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 4.6 s 2 s
Prime Vert Defl,ETA(+E) 7.2 s 2 s
Geoid_Ellip Separation -15.78 m 1 m

MARKER TYPE

Updated: 1990-06-26

5' I BAR.

2 CM AGL, 1 GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1981-08-12

Originating Project 80016 80016
Published 81-08-01 81-08-01

CENTRE OF SEC 30-22-1-5. 3.0' W OF N-S 1/4 LINE FENCE. 3.1' S OF E-W
1/4 LINE FENCE. 0.20M S OF MP.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1981-08-12 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

1990-05-10 1990-06-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 8 40

01-02-07

0.008 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 8 40