

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 50.32456 dms
Longitude 114 07 40.36018 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 21956

Tablet Markings 640-8.32

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 008

Vert Datum CVD28 Updated: 1991-05-27
Elevation 1124.763 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-11-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5641959.648 m
Easting -8992.414 m
Convergence -0 05 57.33 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999727

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)
86934 640-8.34	851.391	1	16/1 0.999727	199 00 34.02	1.4	0.02
42358 640-8.33	918.461	1	15/1 0.999726	282 28 18.11	1.3	0.00
879767 879767	1120.830	1	13/1 0.999727	191 50 28.80	1.1	0.03
979534 979534	1191.884	1	13/1 0.999725	226 50 07.64	1.0	0.02
282178 640-8.37	1220.597	1	12/1 0.999728	353 24 41.81	1.1	-0.03

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	4.5 s	2 s
Prime Vert Defl, ETA(+E)	7.2 s	2 s
Geoid_Ellip Separation	-15.82 m	1 m

MARKER TYPE

Updated: 2006-04-28

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2 CM BGL, LANDSCAPED, 3 GP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	73118	73118
Published	83-03-21	83-03-21
Revising Project	NAD83	90043
Published	94-05-24	91-05-27
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 2007-06-22

ALONG E-W 1/4 LINE E OF N-S 1/4 LINE SEC. 31-23-1-5; 58 M E OF
N-S 1/4 LINE; 0.4 M N OF E-W 1/4 LINE.

NON COORDINATE REVISIONS

Date	Description
1974-03-21	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	2006-11-27	2007-06-22
MARKER REPORTED IN GOOD CONDITION	2006-04-17	2006-04-28
MARKER REPORTED IN GOOD CONDITION	2002-03-02	2002-04-03
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

OLD ASC # 56404 8 32

VERT

91-05-27

0.063 m PREVIOUS TRIG ELEV REPLACED BY SPIRIT LEVEL

HISTORY 640-08.32 56404 8 32