

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 27.86082 dms
Longitude 114 06 14.07137 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 73-03

ASCM 31609

Tablet Markings 640-4.29

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

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1093.435 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-12-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5643116.825 m
Easting -7305.265 m
Convergence -0 04 50.40 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

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)
99663 643-4.109	560.506	1	21/1 0.999732	16 02 27.90	1.7	-0.01
810929 810929	844.593	1	18/1 0.999731	112 37 06.74	1.5	0.01
731695 731695	887.755	1	18/1 0.999733	46 58 55.75	1.5	-0.01
507335 507335	1061.040	1	19/1 0.999734	58 32 19.13	1.6	-0.01

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	4.3 s	2 s
Prime Vert Defl, ETA(+E)	6.8 s	2 s
Geoid_Ellip Separation	-15.90 m	1 m

MARKER TYPE

Updated: 1974-03-21

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM AGL, LADSCAPED, 0.9 M NE OF MP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project	73118	73118
Published	83-03-21	83-03-21
Revising Project	NAD83	98015
Published	94-05-24	99-10-21
Revising Project		91021
Published		93-01-20
Revising Project		
Published		

MARKER LOCATION

Updated: 2019-01-31

ON E/S OF FISH CREEK PARK AT THE REAR OF HOUSE NO 1688 - EVERGREEN DR SW;
3.2 M S OF N WALL OF HOUSE PROD. W; 4.5 M W OF STEEL FL BOUNDARY FL; 0.9 M NE OF
MARKER POST IN NATURAL AREA OF FISH CREEK PART.

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 Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1998-12-04	2001-08-24
MARKER REPORTED IN GOOD CONDITION	1991-01-16	1991-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 4 29

VERT

Date	Value	Description
99-10-21	0.006 m	REVISED ELEVATION-BETTER INTEGRATION
93-01-20	-0.006 m	REVISED ELEVATION-BETTER INTEGRATION

HISTORY 640-04.29 56404 4 29