

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 57.44695 dms
Longitude 114 07 17.83369 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-10

ASCM 27821

Tablet Markings 643-8.89

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1091.350 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5644032.905 m
Easting -8548.977 m
Convergence -0 05 39.94 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
127092 643-8.88	218.156	1	69/2	0.999729	1 37 55.80	4.0	0.00
4994 643-8.82	305.507	1	56/2	0.999731	318 08 17.46	4.0	0.00
77768 190129	341.762	1	44/2	0.999730	48 22 36.41	3.4	0.00
256230 643-8.69	371.896	1	43/2	0.999730	358 13 08.48	2.7	-0.01
159582 643-8.81	375.942	1	48/2	0.999732	287 55 04.48	4.0	0.00
245340 643-8.33	382.685	1	37/2	0.999732	95 25 18.41	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1984-08-30

Meridian Defl,XI(+N) 4.2 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -15.88 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL PIPE 2.4 M LONG WITH HELIX BASE

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-04-24

Originating Project 83047 83047
Published 84-09-05 84-09-05

LOCATED ON THE SOUTH SIDE OF WOODACRES DRIVE NORTH OF WOODACRES WAY SOUTH WEST;
22.0 CM SOUTH WEST OF BACK OF WALK ON CURVE; 25.0 CM NORTH WEST OF THE SOUTH
EAST OF PROPERTY LINE OF HOUSE #72, LOT 3, PRODUCED SOUTH WEST.

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

NON COORDINATE REVISIONS

1984-08-30 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
MARKER REPORTED IN GOOD CONDITION.

1990-09-14 1991-03-13
1989-02-22 1989-04-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 8 89

01-02-07

0.018 m ELEVATION REVISED AND REINTEGRATED

HISTORY

56434 8 89