

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 29.80865 dms  
Longitude 114 08 10.42164 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 74-03

ASCM 46094

Tablet Markings 646-8.72

Date Printed 2025-08-03  
Last Updated 2018-02-13

Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1123.310 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-06-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646888.573 m  
Easting -9570.520 m  
Convergence -0 06 20.90 dms  
Station Ellipsoid Factor 0.999827  
Station Combined Factor 0.999728

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)
128470 646-8.71	118.555	1	59/2	0.999731	6 53 59.95	3.9	0.00
38687 646-8.217	181.439	1	39/1	0.999727	173 18 07.90	2.9	0.00
179705 646-8.76	237.118	1	59/2	0.999727	1 41 23.90	4.7	-0.01
61598 646-8.70	246.532	1	32/1	0.999729	45 16 15.83	2.7	0.00
408401 646-8.241	254.315	1	35/1	0.999726	267 31 37.48	3.2	0.00
48371 646-8.218	272.303	1	26/1	0.999725	175 34 47.84	2.2	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-07-24

Meridian Defl,XI(+N) 3.9 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -15.90 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE; FLUSH WITH GROUND.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1974-07-24

Originating Project 74116 74116  
Published 83-04-29 83-04-29

LOCATED AT THE NORTH WEST CORNER OF CEDARILLE DRIVE AND CEDARILLE  
CRESCENT SOUTH WEST; 0.2' NORTH OF BACK OF WALK ON NORTH SIDE OF  
CEDARVILLE DRIVE; 0.2' WEST OF BACK OF WALK OF CEDARVILLE CRESCENT  
SOUTH WEST.

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

NON COORDINATE REVISIONS

1974-07-24 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

1990-06-19 1991-03-13

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 72

01-02-07

0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.72 56464 8 72