

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 56.63488 dms
Longitude 114 07 16.55913 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 58719

Tablet Markings 646-8.48

Date Printed 2025-08-03
Last Updated 2018-02-12

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1104.418 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5647715.642 m
Easting -8518.037 m
Convergence -0 05 39.11 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
74492 646-8.47	102.466	1 78/2	0.999733	250 25 23.76	6.0	0.00
112664 646-8.50	136.091	1 73/2	0.999734	226 43 56.78	6.1	0.00
288373 646-8.46	220.389	1 54/2	0.999733	277 01 08.38	4.7	0.00
6684 646-8.58	239.683	1 58/2	0.999728	209 00 47.17	4.4	0.00
253732 646-8.21	258.620	1 43/2	0.999731	106 34 24.38	3.4	0.00
85944 646-8.31	294.507	1 37/2	0.999732	53 11 37.73	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-08-09

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.95 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-08

Originating Project 72115 72115
Published 83-03-19 83-03-19

W. SIDE OF OAKHILL DRIVE AND S. OF 400 OAKHILL PLACE;
0.50M EAST OF B.O.W. ON CURVE;
5.10M SOUTH OF NORTH P.L OF HOUSE 9731 OAKHILL DRIVE S.W.

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

NON COORDINATE REVISIONS

1972-08-09 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

1990-05-02 1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 48

01-02-07

0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.48 56464 8 48