

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 58.55874 dms
Longitude 114 07 38.14851 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 4697

Tablet Markings 646-8.44

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 1109.481 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 5647775.797 m
Easting -8939.181 m
Convergence -0 05 55.88 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
208702 646-8.45	132.334	1	68/2	0.999727	42 31 34.98	5.0	0.00
210070 646-8.43	204.539	1	54/2	0.999731	266 08 40.77	4.4	0.00
288373 646-8.46	205.230	1	58/2	0.999728	99 19 15.48	4.9	0.00
118067 185150	300.832	1	47/2	0.999728	241 25 03.77	3.7	0.00
74492 646-8.47	338.188	1	38/2	0.999730	106 13 37.33	3.4	0.00
112664 646-8.50	356.840	1	39/2	0.999729	115 28 08.62	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-03-08

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.94 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5CM BELOW GROUND LEVEL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-08

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

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

S.E. COR. OF OAKWOOD DRIVE AND 200 OAKWOOD PLACE;
3.80M EAST OF EAST B.O.R.C. PROD. NORTH;
2.80M SOUTH OF B.O.W.;
2.0M S.E. OF B.O.R.C. ON CURVE;
IN FRONT OF HOUSE #2828 OAKWOOD DRIVE.

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 44

01-02-07

0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.44 56464 8 44