

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 45.92496 dms
Longitude 114 07 42.21967 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03

ASCM 14134

Tablet Markings 646-8.60

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 1115.010 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-05-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5647385.564 m
Easting -9019.295 m
Convergence -0 05 59.02 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
248799 646-8.63	184.828	1 76/2	0.999731	159 27 24.75	6.4	0.00
69971 646-8.61	268.870	1 41/2	0.999730	273 53 32.08	3.4	0.00
118067 185150	307.553	1 42/2	0.999730	323 14 45.37	3.5	-0.01
108118 646-8.82	315.392	1 44/2	0.999728	289 39 20.85	3.6	0.00
88674 646-8.62	316.412	1 41/2	0.999730	236 49 55.90	3.5	0.00
210070 646-8.43	396.457	1 40/2	0.999729	341 46 58.03	3.2	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-07-24

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.93 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

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

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

Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1991-03-08

SOUTH SIDE OAKMOOR DRIVE & EAST OF OAKMOOR CRESC.
0.05M SOUTH OF SOUTH B.O.W. OAKMOOR DRIVE;
1.0M NORTH OF SOUTH B.O.W. PROD. EAST;
ON EAST P/L OF HOUSE 2943 OAKMOOR DRIVE S.W.

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

1990-05-03 1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 60

01-02-07

0.020 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.60 56464 8 60