

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 51.41485 dms
Longitude 114 07 29.80314 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 47571

Tablet Markings 649-8.50

Date Printed 2025-08-03
Last Updated 2017-03-21

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1104.501 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-09-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5651262.671 m
Easting -8770.442 m
Convergence -0 05 49.55 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
33142 649-8.49	126.293	1 111/2	0.999731	90 07 45.59	4.3	0.00
280586 649-8.51	157.836	1 76/2	0.999733	269 29 32.54	3.4	0.00
52886 649-8.65	202.570	1 79/2	0.999729	323 40 09.28	6.7	0.00
139782 649-8.82	325.977	1 55/2	0.999731	178 51 13.03	3.2	0.01
262568 649-8.48	350.777	1 43/2	0.999730	96 37 57.60	2.8	0.00
191478 649-8.64	377.003	1 42/2	0.999730	294 25 03.85	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-01-18

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.01 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-05-17

Originating Project 72112 72112
Published 84-01-12 84-01-12

S.W. CORNER OF 63 AVENUE S.W. AND LANE W. OF LOUISE ROAD; 0.20M SOUTH OF B.O.W.
SOUTH SIDE 63 AVENUE; 0.20M EAST OF THE EAST P.L. OF HOUSE #2831 - 63 AVENUE;
0.15 M EAST OF CONCRETE RETAINING WALL.

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

NON COORDINATE REVISIONS

1973-01-18 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

1990-09-04 1991-03-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 8 50

01-02-07

0.024 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-08.50 56494 8 50