

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 36.29439 dms
Longitude 114 01 18.13332 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 31518

Tablet Markings 649-0.163

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

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1045.092 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 97-04-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5650788.254 m
Easting -1523.613 m
Convergence -0 01 00.72 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
129973 649-0.162	221.721	1	41/2 0.999742	156 27 05.59	3.2	0.00
167171 649-0.168	299.161	1	33/2 0.999740	91 09 09.94	2.8	0.00
44446 649-0.165	309.476	1	32/1 0.999742	128 48 48.06	2.8	0.00
224741 649-0.169	314.443	1	32/1 0.999742	74 01 45.64	2.7	0.00
156521 649-0.142	437.774	1	25/1 0.999741	78 43 26.89	2.2	0.00
141432 649-0.174	449.236	1	29/2 0.999738	29 00 45.84	2.4	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-08-24

Meridian Defl,XI(+N) 3.2 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.21 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-09-23

Originating Project 76024 76024
Published 83-07-08 83-07-08

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

IN PARK W/S OF N. LEG OF LYSANDER DRIVE AND WEST OF
HOUSE NO. 804 LYSANDER DRIVE. S.E.;
6.4M NORTH OF SOUTH B.O.W., PROD. WEST;
18.8M WEST OF WEST P/L WOODEN FENCE OF HOUSE NO. 804;
9.4M WEST OF WEST EDGE OF ASPHALT PATHWAY.

NON COORDINATE REVISIONS

1976-08-24 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

1997-04-17 1997-05-12
1990-10-06 1991-09-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 0 163

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649+00.163 56494 0 163