

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 25.17198 dms
Longitude 114 06 04.14912 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03

ASCM 40063

Tablet Markings 646-4.233

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1080.489 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-10-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5648595.281 m
Easting -7103.981 m
Convergence -0 04 42.89 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
3103 646-4.304	234.097	1	47/2 0.999737	223 59 15.96	3.8	0.00
95380 646-4.267	415.484	1	29/1 0.999735	211 14 32.65	2.4	0.01
176339 646-4.238	424.200	1	17/1 0.999733	21 19 55.31	1.3	-0.01
5470 646-4.309	482.098	1	29/2 0.999734	206 30 56.00	2.3	0.01
45153 646-4.234	495.400	1	18/1 0.999736	275 45 11.71	1.4	0.00
62000 646-4.225	523.267	1	21/1 0.999734	225 46 13.37	1.6	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-09-30

Meridian Defl,XI(+N) 3.6 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.02 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND. 1 G.P.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1991-09-30

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

IN PARK,
IN S.E. CORNER OF GLENMORE RESERVOIR AND N. BEHIND HOUSE #1804 BAYSHORE RD.;
24.50M NORTH OF E-W FROST FENCE WHICH IS THE NORTH P.L. OF HOUSE #1804;
16.0 WEST OF EAST P/L FENCE OF HOUSE #1804, PROD. NORTH;
3.70M EAST OF WEST P/L FENCE OF WALKWAY, PROD. NORTH.

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

1990-10-29 1991-09-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 233

01-02-07

0.016 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.233 56464 4 233