

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 21.76388 dms
Longitude 114 08 05.92220 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 84-03

ASCM 58966

Tablet Markings 664-8.123

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1227.410 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5665179.477 m
Easting -9449.207 m
Convergence -0 06 18.29 dms
Station Ellipsoid Factor 0.999810
Station Combined Factor 0.999711

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
212225 664-8.120	188.032	1	64/2	0.999715	246 31 32.36	3.4	0.00
77743 664-8.122	260.944	1	50/2	0.999710	2 43 07.60	4.2	-0.01
64261 664-8.119	321.955	1	47/2	0.999712	232 44 09.39	2.7	0.00
480657 664-8.246	332.348	1	48/2	0.999711	220 35 15.24	4.1	0.01
198663 184260	340.187	1	41/2	0.999710	40 55 46.29	3.3	-0.01
53942 664-8.121	371.762	1	38/2	0.999711	315 45 59.70	3.1	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1985-07-16

Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.17 m 1 m

ASC BRASS TABLET ON 7 X 305CM HEAVY WALL PIPE.

COORDINATE HISTORY HORZ VERT

Originating Project 84012 84012
Published 85-07-18 85-07-18

Revising Project NAD83 98016
Published 94-05-24 00-06-15

Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-02-03

IN ENVIRONMENTAL RESERVE BEHIND HOUSE #80 EDENWOLD CRES. NW;
32.0 M S OF THE S P/L STEEL FENCE; 4.0 M E OF THE E WALL OF
HOUSE PROD. S; 7.9 M (SLOPE DISTANCE) W OF E BDY. STEEL
FENCE OF RESERVE .

NON COORDINATE REVISIONS

1985-07-16 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

1993-12-03 1994-02-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 8 123

VERT

00-06-15

0.008 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 8 123