

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 08 02.12862 dms
Longitude 114 04 32.43070 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-05
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 3889
Tablet Markings 664-4.197
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1092.731 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5666420.802 m
Easting -5296.385 m
Convergence -0 03 32.12 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

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)
185165 664-4.171	201.910	1	64/2	0.999733	164 36 12.88	5.3	0.00
168534 664-4.173	266.654	1	45/2	0.999736	233 54 36.64	3.6	0.00
186965 664-4.203	345.302	1	41/2	0.999732	277 54 56.03	3.5	0.00
137307 664-4.204	360.459	1	39/2	0.999732	244 52 03.27	3.1	0.00
94649 664-4.193	448.135	1	33/2	0.999732	121 36 35.42	2.5	0.00
30346 664-4.175	461.371	1	35/2	0.999733	207 03 47.91	2.8	0.01

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.2 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.31 m 1 m

MARKER TYPE

Updated: 1984-05-08

ASC TABLET SET IN CONC.

COORDINATE HISTORY

Originating Project 83011 83011
Published 84-05-10 84-05-10
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-03-09

ON E/S OF BERNARD WAY AT BERNARD DR. NW; 0.70 M W OF B.O.W.;
2.8 M S OF B.O.R.C. N/S PROD. E; 6.25 M N OF CB. .

NON COORDINATE REVISIONS

1984-05-08 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
MARKER REPORTED IN GOOD CONDITION

1994-01-12 1994-03-09
1993-11-10 1993-12-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 197

VERT

99-10-21

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 4 197