

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 23.66915 dms
Longitude 114 09 38.32537 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 36475
Tablet Markings 664-8.87
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1211.264 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665241.958 m
Easting -11245.943 m
Convergence -0 07 30.23 dms
Station Ellipsoid Factor 0.999813
Station Combined Factor 0.999714

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
154559 664-8.89	191.541	1 63/2	0.999717	269 44 36.86	4.2	0.00
297069 664-8.85	231.811	1 47/2	0.999714	110 00 59.33	3.7	0.00
90688 664-8.86	281.782	1 57/2	0.999717	148 48 32.12	4.8	0.01
46276 664-8.84	326.712	1 52/2	0.999714	164 35 02.83	4.3	0.01
37192 664-8.78	342.125	1 35/2	0.999714	318 07 06.25	2.9	-0.01
441980 664-8.251	379.248	1 39/2	0.999713	358 46 24.27	3.2	-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) 6.7 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

MARKER TYPE

Updated: 1983-05-09

ASC CAP ON 6 CM DIA HEAVY WALL STEEL DRIVEN PIPE 2.0 M LONG

COORDINATE HISTORY

Originating Project 81041 81041
Published 83-05-12 83-05-12

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

MARKER LOCATION

Updated: 1994-02-03

ON TOP OF CONC. CB. ON NE COR. OF EDGHILL DR. AT EDGHILL MEWS NW;
0.60 M SW OF B.O.C. PROD.W; 3.0 M E OF B.O.C. PROD. S.

NON COORDINATE REVISIONS

1983-05-09 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

1993-12-07 1994-02-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 8 87

VERT

00-06-15

0.039 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56644 8 87