

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 59.50334 dms
Longitude 114 03 55.59936 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 3988

Tablet Markings 664-4.78

Date Printed 2025-08-03
Last Updated 2020-07-28

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1079.450 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5664485.002 m
Easting -4582.060 m
Convergence -0 03 03.40 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
211086 664-4.82	260.349	1	46/2 0.999732	103 25 20.48	3.2	0.00
90712 661-4.195	325.174	1	37/2 0.999733	169 00 02.91	3.1	0.00
59030 664-4.89	364.177	1	44/2 0.999733	320 48 57.78	3.7	0.00
40907 664-4.99	404.592	1	32/2 0.999732	31 07 42.38	2.7	0.00

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	2.3 s	2 s
Prime Vert Defl, ETA(+E)	5.8 s	2 s
Geoid_Ellip Separation	-16.30 m	1 m

MARKER TYPE

Updated: 1994-03-23

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL.

COORDINATE HISTORY HORZ VERT

Originating Project 74114 74114
Published 74-08-01 74-08-01

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

MARKER LOCATION

Updated: 1994-03-23

ON S/S OF RD. IN FRONT OF HOUSE #231 HUNTFORD WAY N.E.; 1.2 M S OF
P.O.W. ON CURVE; 13.6 M E OF W WALL OF HOUSE PROD. N; 16.0 M SW OF
LT.S. ON N/S OF RD. .

NON COORDINATE REVISIONS

1975-01-30 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

1993-12-15 1994-03-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 78

VERT

99-10-21

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.78 56644 4 78