

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 52.65261 dms
Longitude 114 09 47.99246 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 74-03

ASCM 29603

Tablet Markings 640-8.10

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 008

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1175.433 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-01-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5642036.499 m
Easting -11485.350 m
Convergence -0 07 36.40 dms
Station Ellipsoid Factor 0.999818
Station Combined Factor 0.999720

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
134767 640-8.11	484.269	1	23/1	0.999721	359 05 58.91	1.9	-0.01
684381 684381	657.844	1	21/1	0.999720	180 48 23.41	1.8	0.02
161265 640-8.9	752.759	1	19/1	0.999721	0 00 56.19	1.5	-0.02
610451 610451	805.793	1	20/1	0.999721	337 16 41.61	1.6	-0.02
981589 981589	818.693	1	21/1	0.999720	268 54 32.11	1.8	0.00
221382 HILTON	952.852	1	17/1	0.999720	94 49 08.17	1.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2019-03-25

Meridian Defl,XI(+N) 4.6 s 2 s
Prime Vert Defl,ETA(+E) 7.7 s 2 s
Geoid_Ellip Separation -15.73 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
30 CM BLG, 1 GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2019-03-25

Originating Project 75116 75116
Published 83-07-27 83-07-27

ON E/S 53 STREET N OF E-W 1/4 LINE SEC. 36-22-2-5; ON E SHOULDER OF GRAVEL ROAD
53 STREET SW; 4.7 M W OF N-S POWER POLE LINE; 738 M S OF 146 AVE SW.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

"ELEVATION DERIVED FROM SPIRIT LEVELS RUN IN MARCH 1979".

NON COORDINATE REVISIONS

1975-10-20 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, CAP EFFACED.
MARKER REPORTED IN GOOD CONDITION

2019-01-17 2019-03-25
1990-05-10 1990-06-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 8 10

99-08-16

0.009 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640-08.10 56404 8 10