

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 20.42945 dms
Longitude 114 05 20.21059 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 49460

Tablet Markings 664-4.55

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1152.297 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665133.341 m
Easting -6226.842 m
Convergence -0 04 09.28 dms
Station Ellipsoid Factor 0.999822
Station Combined Factor 0.999723

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
26831 664-4.56	162.857	1	67/2	0.999726	12 26 57.06	5.4	0.00
102913 664-4.54	165.489	1	72/2	0.999720	190 07 56.43	4.8	0.00
60665 664-4.58	261.153	1	65/2	0.999724	70 53 27.75	5.4	0.00
169102 664-4.51	274.612	1	62/2	0.999721	138 03 18.16	4.9	0.00
149898 664-4.52	287.873	1	52/2	0.999723	170 03 51.26	4.0	0.00
40154 664-4.161	306.299	1	65/2	0.999724	345 27 31.84	5.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-22

Meridian Defl, XI(+N) 2.3 s 2 s
Prime Vert Defl, ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.26 m 1 m

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

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-03-22

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

N.W. CORNER OF HUNTERBURN PLACE AND HUNTERBURN HILL N.W.; 6.0 M. N OF B.O.W.
PROD. E; 0.50 M. W OF B.O.W. PROD. S; 0.05 M. NW OF B.O.W. ON CURVE;
10.6 M. NE OF CB.

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

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

1994-01-06 1994-03-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 55

99-10-21

0.034 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.55 56644 4 55