

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 41.13378 dms
Longitude 114 06 18.56398 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 81-08

Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 7146

Tablet Markings 664-4.154

Mapsheet Name CALGARY H
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1982-08-19
Elevation 1177.292 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 95-09-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5665774.598 m
Easting -7360.673 m
Convergence -0 04 54.73 dms
Station Ellipsoid Factor 0.999818
Station Combined Factor 0.999719

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
41061 664-4.151	195.582	1	51/2	0.999723	110 03 16.14	3.8	0.00
169961 664-4.153	324.015	1	31/1	0.999717	151 15 58.33	2.6	0.01
249490 196260	343.318	1	38/2	0.999713	166 36 06.99	3.2	0.01
109322 664-4.150	373.066	1	35/2	0.999721	90 33 25.38	3.0	0.00
68346 664-4.147	384.761	1	31/2	0.999721	352 07 55.63	2.4	-0.01
121913 194260	418.465	1	43/2	0.999712	213 27 43.62	3.3	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) 6.2 s 2 s
Geoid_Ellip Separation -16.24 m 1 m

MARKER TYPE

Updated: 2001-08-30

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG
FLUSH W/GRD, 95 CM S OF GP.

COORDINATE HISTORY

HORZ VERT

Originating Project 81018 81018
Published 82-08-19 82-08-19

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2001-08-30

IN NOSE HILL PARK IN THE SE 1/4 SEC 17-25-1-5;
ON B.O.W. NW/S OF BEACONSFIELD WAY PROD. SW;
51.60 M SW OF F.O.C. ON SW/S OF 14 ST;
ON C/L OF N BOUND 14 ST PROD. S.

NON COORDINATE REVISIONS

1982-08-17 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

1995-09-13 2001-08-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 154

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HISTORY 56644 4 154