

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 25.57593 dms
Longitude 114 05 18.41552 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 26831

Tablet Markings 664-4.56

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 1144.137 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 5665292.325 m
Easting -6191.744 m
Convergence -0 04 07.89 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999724

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)
49460 664-4.55	162.857	1	67/2	0.999726	192 26 57.06	5.4	0.00
40154 664-4.161	177.319	1	107/3	0.999721	320 49 28.05	9.2	0.00
60665 664-4.58	224.065	1	71/2	0.999727	109 09 31.41	6.1	0.00
171199 664-4.74	255.564	1	63/2	0.999724	61 41 59.52	5.3	0.00
102913 664-4.54	328.278	1	46/2	0.999723	191 16 53.33	3.8	0.01
262261 664-4.143	378.853	1	47/2	0.999725	59 21 40.75	4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-10-01

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-23

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

MON IS LOCATED SE COR OF HUNTERBROOK RD AND HUNTERBROOK HILL NW IN FRONT OF
HOUSE #1486; 9.0 M E OF E B.O.W. PROD,N; 1.1 M S OF B.O.W.; 0.60 M E OF W
WALL OF HOUSE PROD. N; 12.5 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
MARKER REPORTED IN GOOD CONDITION

1994-01-06 1994-03-23
1993-07-21 1993-10-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 56

99-10-21

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.56 56644 4 56