

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 08.62948 dms
Longitude 114 04 07.44054 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 59030

Tablet Markings 664-4.89

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 1086.167 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-01-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5664767.208 m
Easting -4812.090 m
Convergence -0 03 12.62 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
126698 664-4.38	230.111	1	61/2	0.999732	227 14 14.48	5.1	0.00	
71324 664-4.70	238.103	1	63/2	0.999733	307 56 00.46	5.2	0.00	
129528 664-4.95	350.878	1	43/2	0.999732	46 15 23.29	3.7	0.00	
3988 664-4.78	364.177	1	44/2	0.999733	140 48 57.78	3.7	0.00	
161349 664-4.94	371.322	1	43/2	0.999732	30 15 55.97	3.7	0.00	
117028 664-4.92	387.712	1	44/2	0.999732	9 56 10.68	3.6	0.00	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1975-01-30

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

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-03-23

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

ON S/S OF HUNTRIDGE RD. AT HUNTRIDGE CRES. N.E.; 1.3 M S OF B.O.W.;
7.10M W OF B.O.W. W/S PROD. S; 10.10 M SW 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

1998-01-07 1998-01-26
1993-12-17 1994-03-23

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 89

99-10-21

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.89 56644 4 89