

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 58.71738 dms
Longitude 114 10 07.29573 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 28712

Tablet Markings 664-8.39

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

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1157.507 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664472.214 m
Easting -11811.059 m
Convergence -0 07 52.73 dms
Station Ellipsoid Factor 0.999821
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)
92924 664-8.40	160.091	1	56/2	0.999725	218 35 29.76	3.8	0.00
59535 664-8.48	242.217	1	41/2	0.999720	310 53 20.93	3.6	0.00
270967 664-8.70	285.601	1	42/2	0.999722	301 07 20.67	3.6	0.00
293530 661-8.204	334.494	1	30/1	0.999724	217 48 28.61	2.1	0.01
254045 664-12.50	361.168	1	25/1	0.999723	259 42 17.86	2.0	0.00
107235 664-8.71	362.287	1	30/1	0.999721	319 46 29.31	2.7	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-30

Meridian Defl, XI(+N) 2.3 s 2 s
Prime Vert Defl, ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.08 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-07

Originating Project 75111 75111
Published 83-05-31 83-05-31

ON SE COR. OF THE NW LEG OF DALCASTLE DR. NW; 2.4 M S OF F.O.C.
PROD.W; 6.4 M E OF F.O.C. PROD.N; 1.2 M SE OF F.O.C. ON CURVE;
17.0 M W OF LT.S. .

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1976-01-30 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 CONDITON

1993-11-22 1994-02-07
1993-08-25 1994-01-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 8 39

00-06-15

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-08.39 56644 8 39