

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 11.49693 dms
Longitude 114 09 50.90374 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-10

ASCM 61739

Tablet Markings 664-8.111

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 1182.672 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664866.379 m
Easting -11491.377 m
Convergence -0 07 40.00 dms
Station Ellipsoid Factor 0.999817
Station Combined Factor 0.999719

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
50658 664-8.90	199.617	1 60/2	0.999714	358 52 12.52	3.7	-0.01
46276 664-8.84	337.852	1 50/2	0.999721	79 38 41.92	4.1	0.00
154559 664-8.89	378.694	1 34/2	0.999715	8 11 33.43	2.3	-0.01
95414 664-8.73	394.576	1 30/2	0.999718	283 31 17.97	2.6	0.00
259986 664-8.88	397.128	1 35/2	0.999714	24 33 10.50	3.0	-0.01
90688 664-8.86	413.943	1 41/2	0.999719	71 01 08.97	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-12-24

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 3.0 M LONG
FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-07

Originating Project 83048 83048
Published 84-10-15 84-10-15

ON TOP OF BERM ACROSS FROM DUPLEX #89 EDGEHILL DR. NW; 6.8 M
(SLOPE DISTANCE); SW OF F.O.C. ON CURVE; 2.0 M S OF THE S WALL
OF DUPLEX PROD.W; 3.0 M W OF N-S POW.L.; 6.5 M NE OF STEEL FENCE.

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

NON COORDINATE REVISIONS

1984-10-12 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

1993-11-24 1994-02-07
1991-06-20 1991-12-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 8 111

00-06-15

0.038 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 8 111