

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 22.78751 dms
Longitude 114 00 55.84907 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 83-12

ASCM 12435

Tablet Markings 646-0.144

Date Printed 2025-08-03
Last Updated 2018-02-12

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1020.661 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5648516.846 m
Easting -1089.544 m
Convergence -0 00 43.39 dms
Station Ellipsoid Factor 0.999843
Station Combined Factor 0.999743

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
313379 313379	160.346	1	62/2	0.999744	95	51 02.58	4.6	0.00
6957 646-0.139	284.818	1	28/1	0.999743	353	04 50.93	1.9	0.00
107656 646-0.141	295.022	1	37/2	0.999742	311	57 34.99	2.9	0.00
250332 646-0.140	370.725	1	24/1	0.999743	320	34 53.93	2.0	0.00
250894 646-0.145	455.119	1	22/1	0.999743	27	08 22.11	1.8	0.00
494773 646-0.146	608.713	1	18/1	0.999743	17	26 33.35	1.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl,XI(+N) 3.4 s 2 s
Prime Vert Defl,ETA(+E) 4.9 s 2 s
Geoid_Ellip Separation -16.18 m 1 m

ASC BRASS TABLET ON A 7 X 305CM PIPE WITH HELIX.
9 CM BGL, LANDSCAPED

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-10-11

Originating Project 83062 83062
Published 85-01-25 85-01-25

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

LOCATED ON THE NORTH EAST CORNER OF INTERSECTION OF 18 STREET SOUTH EAST AND
RIVERGLEN DRIVE SOUTH EAST; AT THE INTERSECTION OF BACK OF SEPERATE WALK'S;
20.0 CM EAST OF BACK OF SEPERATE WALK; 24.0 CM NORTH OF BACK OF SEPERATE WALK;
1.6 M NORTH EAST OF FACE OF CURB ON CURVE.

NON COORDINATE REVISIONS

1985-01-24 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	1993-03-03	1993-07-06
MARKER REPORTED IN GOOD CONDITION	1993-01-25	1993-03-30
MARKER REPORTED IN GOOD CONDITION.	1989-08-24	1989-10-11

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 0 144

99-08-16

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56464 0 144