

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 14.27496 dms
Longitude 114 05 49.42033 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2004-05-28

ASCM 41814
Tablet Markings 658-4.93
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1093.952 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 98-04-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2004-05-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5659381.939 m
Easting -6802.440 m
Convergence -0 04 31.82 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

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)
159764 658-4.92	191.056	1	47/2	0.999735	263 41 02.25	3.6	0.00
102517 200223	196.097	1	46/2	0.999732	61 42 33.91	4.0	0.00
224675 658-4.96	200.290	1	45/2	0.999732	354 22 24.44	3.7	0.00
269282 658-4.83	224.994	1	53/2	0.999731	205 43 27.98	4.3	0.00
229914 658-4.95	238.910	1	42/2	0.999730	40 03 48.20	3.5	0.00
159608 658-4.97	251.784	1	40/2	0.999731	316 35 45.75	3.5	0.00

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

Component	Magnitude	Std Dev
Meridian Defl, XI(+N)	2.6 s	2 s
Prime Vert Defl, ETA(+E)	6.2 s	2 s
Geoid_Ellip Separation	-16.18 m	1 m

MARKER TYPE

Updated: 1993-07-06

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

COORDINATE HISTORY

	HORZ	VERT
Originating Project	71103	71103
Published	84-01-07	84-01-07
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-07-06

ON THE NE CORNER 20 AVENUE AND 15 STREET N.E.; 3.85 M NORTH OF B.O.W. PRODUCED WEST; 1.4 M EAST OF B.O.W. PRODUCED SOUTH; 0.50 M NE OF B.O.W. ON CURVE.

NON COORDINATE REVISIONS

Date	Description
1971-12-20	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

REPORTED IN GOOD CONDITION BY W.BERG A.L.S.
MARKER REPORTED IN GOOD CONDITION

Date	Date
1998-04-07	1998-04-23
1993-02-19	1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56584 4 93

VERT

00-06-15

0.030 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.93 56584 4 93