

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 40.54152 dms
Longitude 114 06 22.07001 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 41970

Tablet Markings 658-4.116

Date Printed 2025-08-03
Last Updated 2009-04-29

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1094.100 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 08-11-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5660194.441 m
Easting -7436.887 m
Convergence -0 04 57.25 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
218263 658-4.117	103.669	1	77/2 0.999729	191 05 08.99	5.4	0.00
61341 658-4.115	136.912	1	58/2 0.999728	92 18 10.53	4.6	0.00
176032 658-4.118	175.311	1	57/2 0.999731	275 34 16.23	4.9	0.00
47969 658-4.131	264.418	1	34/1 0.999733	348 35 06.12	2.9	0.00
32219 658-4.132	328.709	1	33/2 0.999734	5 34 45.66	2.8	-0.01
169813 658-4.125	345.599	1	32/2 0.999733	313 15 36.63	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2009-04-29

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.17 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

Originating Project 71103 71103
Published 84-01-07 84-01-07

IN A GRASSY AREA ON THE EAST SIDE OF 19 STREET N.W. AND NORTH OF THE PARISH
CHURCH OF ST. CYPRANS; 4.0 M EAST OF B.O.W.; 25 M NORTH OF THE NORTH WALL OF
CHURCH PRODUCED WEST; 31.10 M SSE OF LT.S.

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

NON COORDINATE REVISIONS

1971-12-20 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

2008-11-25 2009-04-29
1993-03-05 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 116

00-06-15

0.006 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.116 56584 4 116