

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

Horz Datum NAD83 Updated: 1995-05-01
Latitude 51 00 58.19381 dms
Longitude 113 49 08.28982 dms
Horz Class CONSULT AGENCY, ORDER 2

Marker Installed 92-09

ASCM 42374

Date Printed 2025-08-03
Last Updated 2024-12-05

Tablet Markings

Vert Datum CVD28 Updated: 1995-05-01
Elevation 1023.134 m
Vert Class CONSULT AGENCY, GPS SAT. POS.

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

Mapsheet Name CALGARY B
Mapsheet Number 5652 + 016

Marker Condition GOOD 93-05-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2024-12-05

Scale Factor 0.999900 At Ref Mer 114

Northing 5653334.257 m
Easting 12702.237 m
Convergence 0 08 26.59 dms
Station Ellipsoid Factor 0.999842
Station Combined Factor 0.999744

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
462101 92B2	135.943	1	65/2 0.999745	356 38 01.99	3.9	0.00
461137 92B1	515.746	1	23/1 0.999744	302 28 58.66	1.2	0.01
87957	960.124	1	11/1 0.999744	121 15 03.47	0.8	-0.02
117903 93B004	1130.571	1	10/1 0.999745	100 29 02.18	0.7	-0.01
173476	2697.024	1	5/1 0.999745	107 50 06.07	0.4	-0.03
211383	3289.534	1	4/1 0.999745	120 02 18.97	0.3	-0.06

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-29

Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 2.9 s 2 s
Geoid_Ellip Separation -16.50 m 1 m

TWISTED IRON BAR

FLUSH WITH GROUND,0.4 M EAST OF MP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-29

Originating Project 93154 93154
Published 95-05-01 95-05-01

LOCATED IN THE SE 1/4 SEC 3-24-28-4;
ON THE WEST SIDE OF THE NORTH SOUTH ROAD ALLOWANCE BETWEEN SECTIONS 2&3-24-28-4;
100 M NORTH OF RAILROAD;
150 M SOUTH OF CANAL;
11.0 M SOUTH OF A GAS PIPELINE SIGN;
IN LINE WITH POWER LINE TO THE SE.;
0.4 M EAST OF A FENCE.

Revising Project
Published
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1993-07-29 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1993-07-29 INSTALLATION DATE AND TABLET
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

VERT