

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 12.19538 dms  
Longitude 114 06 39.70546 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 34488  
Tablet Markings 1924.7  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1218.790 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-05-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663027.022 m  
Easting -7775.886 m  
Convergence -0 05 11.08 dms  
Station Ellipsoid Factor 0.999812  
Station Combined Factor 0.999712

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)
206292 190244	513.197	1	45/2	0.999713	250 01 21.39	3.0	0.00
152785 1924.5	649.905	1	42/2	0.999713	149 47 17.09	3.3	0.01
34926 1824.1	708.834	1	37/2	0.999715	254 02 29.12	2.2	0.00
15016 1924.4	774.230	1	34/2	0.999714	175 28 54.77	2.8	0.02
46482 1925.3	793.175	1	38/2	0.999712	358 36 29.77	3.2	-0.02
218750 1824.27	798.507	1	32/2	0.999718	223 43 40.82	2.4	0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.3 s 2 s  
Geoid\_Ellip Separation -16.19 m 1 m

MARKER TYPE

Updated: 1994-06-29

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
80.0 CM SOUTH OF GP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	69109 70-05-22	69109 70-05-22
Revising Project Published	NAD83 94-05-24	98015 99-10-21
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1994-06-29

IN NOSE HILL PARK ON THE SOUTH SIDE OF AN ABANDONED GRAVEL PIT WHICH IS IN THE WEST HALF OF SECTION 5-25-1-5; 884.5 M WEST OF THE POWER POLE ON THE WEST SIDE OF A SMALL BLUE AND GRAY BUILDING WHICH IS AT THE EAST SIDE OF GRAVEL PIT; 2.7 M SOUTH OF THE SOUTH EDGE OF PIT.

NON COORDINATE REVISIONS

1970-05-22 FIRST MARKER LOCATION DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1994-05-27	1994-06-29
MARKER REPORTED IN GOOD CONDITION.	1988-11-18	1989-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 27

VERT

99-10-21

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 4 27