# Technical Report for

#### Cadman Resources Inc.

On the

#### Golden Star, Baseline and Nugget Vein Gold Properties

Mine Centre Area Kenora District, Ontario

Prepared by
Richard Beard, P.Eng.

Northwest Mineral Development Services
1138 Hillside Crescent
Kenora, ON, Canada
P9N 2X9
Email: beard\_r@hotmail.com

May 13, 2011

### **Table of Contents**

1.	Title Page	i
2.	Table of Contents	ii
3.	Summary	1
4.	Introduction and Terms of Reference	5
5.	Reliance on Qualified Experts	6
6.	Property Description and Location	6
	6.1. Area of Property	
	6.2. Location	7
	6.3. Mineral Tenure	
	6.4. Nature and Extent of Issuer's Title and Interest	9
	6.5. Property Boundaries	10
	6.6. Location of Mineralized Zones and Mine Workings	10
	6.7. Royalty and Other Payment Requirements	11
	6.8. Environmental Liabilities	11
	6.9. Permitting Requirements	
7.		
	7.1. Topography, Elevation and Vegetation	
	7.2. Access to the Property	13
	<ul><li>7.2. Access to the Property</li><li>7.3. Local Resources and Infrastructure</li></ul>	13
	7.4. Sufficiency of Surface Rights, Water and other Requirements	14
8.	Mining and Exploration History	
	8.1. Introduction	14
	8.2. Prior Ownership and Work Carried Out	15
	8.2.1. Golden Star Block	
	8.2.1.1.Golden Star Mine and Prospects	16
	8.2.1.2. Isabella Mine and Prospects	
	8.2.1.3. Pacitto Prospect	
	8.2.1.4. Gem and Moose Veins	
	8.2.2. Baseline-Nugget Block	
	8.2.2.1.Baseline Vein	
	8.2.2.2.Nugget Vein_	20
	8.2.2.3.Other Veins	21
	8.2.2.3.Other Veins	22
	8.3.1. Golden Star Mine	
	8.4. Historical Production	23
9.	Geological Setting	24
	9.1. Regional Geological Setting	
	9.2. Golden Star Block	26
	9.3. Baseline Nugget Vein Block	26
10	. Deposit Types	20
10.	10.1. Archean Lode Gold Deposit Type	28
	10.2. Regional Structural Model	
	10.3. Local Structural Model	30
11.	. Mineralization	32

11.1. Golden Star Block	32
11.2. Baseline-Nugget Block	33
12. Exploration	34
12.1. Introduction	34
12.2. Golden Star Block	2.4
12.2.1. Spectral IP Ground Geophysics	34
12.3. Baseline Nugget Block	
12.3.1. Baseline Vein	27
12.3.1.1. Spectral IP Ground Geophysics	37
12.3.1.2. Diamond Drilling	
12.3.2. Nugget Vein	39
12.3.2.1. Spectral IP Ground Geophysics	39
12 Drilling	42
13.1. Baseline DDH Program 2010	
13.2. Geological Units	
13.3. Vein Descriptions	44
13.4. Geological Cross Sections	45
14. Sampling Method and Approach	46
14.1. Baseline DDH Program	
15. Sample Preparation, Analysis, and Security	
15.1. Sample Preparation	
15.2. Sample Analysis	
15.3. Quality Control	
15.4. Security	
16. Data Verification	48
17. Adjacent Properties	49
18. Mineral Processing and Metallurgical Testing	50
19. Mineral Resource and Mineral Reserve Estimates	50
•••••	50
20.1 0.11 0. 11 1 137 11	50
20.2. Golden Star Historical Drill Holes	50
21. Interpretation and Conclusions	51
21.1. General Remarks	51
21.2. Golden Star Block	51
21.2.1. Golden Star Vein	
21.2.2. Spectral IP Ground Geophysics	
21.3. Baseline-Nugget Block	53
21.3.1. Baseline Vein	53
21.3.1.1. Sampling	53
21.3.1.2. Spectral IP Ground Geophysics	53
21.3.1.3. Diamond Drilling	53
21.3.2. Nugget Vein	54
21.3.2.1. Sampling	
21.3.2.2. Spectral IP Ground Geophysics	54
21.3.3. Other Veins	
21.4. Conclusions	55

56
56
56
56
56
56
57
57
57
57
58
58
58
59
63
65
66

Appendix A: Baseline Prospect Drilling, Geological Logs and Assays Appendix B: Baseline Prospect Drilling, Assay Certificates

## **List of Figures**

Figure 1: General Location Map	7
Figure 2: Joint Venture Property Location Map	67
Figure 3: Joint Venture Property Land Tenure Map	68
Figure 4: Joint Venture Property Mineralized Zones	_ 69
Figure 5a: Geology, Prospects and Gold Assays, Baseline-Nugget Block	_ 70
Figure 5b: Geology and Silver Assays, Baseline-Nugget Block	71
Figure 5c: Geology and Zinc Assays, Baseline-Nugget Block	_ 72
Figure 6: Baseline Prospect Percussion Drilling Assay Results	73
Figure 7: Baseline Prospect Grid Sampling Assay Results	_ 74
Figure 8: Nugget Vein Percussion Drilling Sample Assay Results	_ 75
Figure 9: Longitudinal Section of the Golden Star Mine	_76
Figure 10: Regional Geology for the Joint Venture Property, Mine Centre Area	77
Figure 11: Local Geology for the Golden Star Block	_ 78
Figure 12: Inferred Crustal Level for Archean Lode Gold Deposits	28
Figure 13: Schematic Diagram Displaying Geometry of Shear-hosted Quartz Veins_	_ 29
Figure 14: Interpretation of Main Structural Features, Mine Centre	_30
Figure 15: Idealized Structural Interpretation, Foley Mine Vein Complex	31
Figure 16: Spectral IP, N=1 Resistivity, Golden Star Grid	_35
Figure 17: Spectral IP, N-1 M13 Chargeability, Golden Star Grid	_36
Figure 18: Compilation (IP anomalies over N=1 Resistivity), Golden Star Grid	_36
Figure 19: Spectral IP, Clockwise: n=1 Resistivity, n=1 M13 Chargeability, n=1 M1	
Chargeability, n-1 MIP Chargeability, Baseline Grid	_38
Figure 20: Spectral IP, M13 Chargeability and Apparent Resistivity, L1+25N, Baseli	ne
Grid	_39
Figure 21: Spectral IP, Clockwise: n=1 Resistivity, n=1 M13 Chargeability, n=1 M1	
Chargeability, n-1 MIP Chargeability, Nugget Grid	_40
Figure 22: Spectral IP, M13 Chargeability and Apparent Resistivity, L1+25N, Nugge	ŧt
Grid	_41
Figure 23: Baseline Prospect 2010 Diamond Drill Holes	_79
Figure 24: Baseline Cross-Section 1 (1+00N)	80
Figure 25: Baseline Cross-Section 2 (1+25N)	81
Figure 26: Plan of Golden Star Mine area showing historical and proposed	
drill holes	_82
Figure 27: Proposed DDH Pierce Points on the Golden Star Mine	
Longitudinal Section	83