

# The CDMaxalliance Group - Mexico

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## **SGS & Multiple Sample Lab Reports Mining - Executive Geological Summary**

### **Iron Ore (63.00%+)**

### **CONFIDENTIAL PRESENTATION**



**CDM - Max Alliance**



# *The CDMaxalliance Group - Mexico*

**There is multiple specific mineral - mining area locations.  
Associated within CDM Group & Mineral Processing Service**

**This presentation shall provide  
SGS lab test report & Certified Mineral Lab  
with Mining Executive Geological Summary  
and reports from a variety of mineral areas.**

**Upon ability to conduct commercial business  
complete presentation will be provided**

**Ivon Carolina IV ( SGS Reports )  
Other Certified Sample Reports B-M 1- 29  
Other Certified Sample Reports S-M 1- 18**

**Mining Executive Geological Survey  
Positive with Potential Reserves  
2,000,000 Two Million Metric Tons +  
with 3D & Aerial Photography**





Altamira, Tamps., September 22<sup>nd</sup>, 2005.

**JOB ORDER #** : M-964/05  
**DESCRIPTION OF PARCEL** : ONE SAMPLE OF IRON MINERAL  
**BY INSTRUCTIONS OF** :

We hereby certify that in compliance with the instructions received from our principals \_\_\_\_\_, S. A. DE C.V., we carried out the analysis of the sample on subject, and for which we report the following:

SAMPLE ID: *Mine Ivon Carolina IV.*

**ANALYTICAL CERTIFICATE:**

	As Received	Dry
% Total Moisture	0.10	
% Sulfur	0.21	0.21

Element	Result	
Iron	65.83	%
Iron Oxide	94.12	%
Silicon dioxide	2.62	%
Aluminum oxide	0.59	%
Phosphorus	0.009	%
Titanium dioxide	0.09	%
Calcium oxide	0.16	%
Magnesium oxide	0.12	%
Potassium oxide	0.01	%
Sodium oxide	0.01	%
Sulfur trioxide	0.53	%
Strontium oxide	0.01	%
Barium oxide	0.01	%
Manganese oxide	0.54	%
Undetermined	1.17	%
MAA Sum	98.83	%
MAA Basis	Dry	
MAA Silica Value	2.7	
MAA Base Acid Ratio	28.61	
MAA T250	2150 °F	
MAA Type of Ash	BITUMINOUS	
Fouling Index	0.29	

Remarks: The sample analyzed was provided at our facilities by \_\_\_\_\_

S. A. DE C.V.

Analysis completed on September 22<sup>nd</sup>, 2005

***This report reflects the findings determined at time and place of our intervention only.***

Elaborated by: Felipe Cruz Villasana



Authorized by: Ana Zetina Moreno

ORIGINAL  
 Société Générale de Surveillance  
 de México, S.A. de C.V.





## Certificate of Analysis

Work Order: DU13120

To: CORONA DEL MAR COMPAÑIA MINERA S.A. DE C.C.

Date: Dec 20, 2010

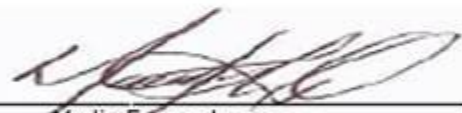
P.O. No. : M-56642/10  
Project No. : CORONA DEL MAR  
No. Of Samples : 4  
Date Submitted : Dec 17, 2010  
Report Comprises : Pages 1 to 2  
(Inclusive of Cover Sheet)

### Comments:

ICP12B o 14B tiene una digestión es recomendable para la disolución de minerales sulfurosos y óxidos de hierro debido a sus propiedades de oxidación. Sin embargo, esta es la digestión geoquímica de SGS más débil y no atacará a los minerales silicatos. Por tal motivo, deberá considerarse una digestión parcial para la mayoría de los elementos y no deberá ser utilizado para determinación de concentrados.

ICP12B or 14B has a digestion suitable for the dissolution of sulphide minerals and iron oxides due to its oxidising properties. It is however the weakest of SGS' geochemical digestions and will not attack silicate minerals. As such, it should be considered a partial digest for most elements and should not be used for ore grade determination.

Certified By :

  
Martin Hernandez  
Technician

### Report Footer:

L.N.R. = Listed not received  
n.a. = Not applicable

I.S. = Insufficient Sample  
-- = No result

\*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. \*NA#08V) were subcontracted

Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	Fe	Al2O3	SiO2	S	P	H2O
Method	COND8V	ICP95A	ICP95A	@ICP148	@ICP148	PHY08D
Det.Lim.	0.01	0.01	0.01	0.01	0.01	0.1
Unit	%	%	%	%	%	%
Z0812-11	67.9	0.69	2.05	0.39	0.02	0.1
Z0812-12	69.7	0.50	1.29	0.69	<0.01	0.3
Z0812-13	68.9	0.70	2.39	0.03	0.02	0.2
Z0812-14	61.6	1.70	9.08	1.31	0.02	0.8
*Dup Z:0812-11	67.8	0.70	2.26	0.41	0.02	N.A.

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## Alfred H Knight

ALFRED H. KNIGHT DE MEXICO S.A. de C.V.

### Report of Multi-element XRF Screening Assay

Client: Client Ref.: Various (Pág. 1)  
Material: Fe ore AHK Reference:  
Quality: Sample delivered by the client Assay Date: 08/12/2012

Concentration in %

Element	Symbol	1	2	3	4	5	6
Iron	Fe	66	66	65	66	65	65
Alumina	Al <sub>2</sub> O <sub>3</sub>	1	3	2	2	2	2
Silica	SiO <sub>2</sub>	2	1	2	2	2	3
Phosphorus	P	0.07	0.08	0.07	0.05	0.04	0.06
Sulphure	S	<0.0002	0.03	0.01	0.004	0.03	0.01
Potassium	K <sub>2</sub> O	<0.004	0.07	0.03	0.07	0.03	0.3
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.03	0.03	0.01	0.01	0.02	0.02
Calcium	CaO	1	0.5	2	0.5	1	0.5
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Element	Symbol	7	8	9	10	11	12
Iron	Fe	60	65	61	65	67	67
Alumina	Al <sub>2</sub> O <sub>3</sub>	8	2	1	2	1	1
Silica	SiO <sub>2</sub>	5	2	2	2	2	2
Phosphorus	P	0.08	0.07	0.05	0.08	0.04	0.05
Sulphure	S	0.09	0.06	0.06	0.001	0.01	0.01
Potassium	K <sub>2</sub> O	0.09	0.007	<0.001	0.01	<0.001	0.03
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.06	0.01	0.009	0.01	0.02	0.01
Calcium	CaO	0.5	2	1	2	0.1	0.2
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Note: Screening assays are not suitable for commercial assay exchange purposes.

For Alfred H. Knight de Mexico SA de CV.



## Alfred H Knight

ALFRED H. KNIGHT DE MEXICO S.A. de C.V.

### Report of Multi-element XRF Screening Assay

Client: Client Ref.: Various (Pág. 2)  
Material: Fe ore AHK Reference:  
Quality: Sample delivered by the client Assay Date: 08/12/2012

#### Concentration in %

Element	Symbol	I					
		13	14	15	16	17	18
Iron	Fe	66	65	66	63	66	65
Alumina	Al <sub>2</sub> O <sub>3</sub>	2	2	2	4	2	2
Silica	SiO <sub>2</sub>	2	3	2	4	2	3
Phosphorus	P	0.08	0.04	0.05	0.05	0.06	0.08
Sulphure	S	<0.0002	0.3	<0.0002	<0.0002	<0.0002	0.08
Potassium	K <sub>2</sub> O	0.003	0.9	0.1	0.1	0.02	0.05
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.004	0.02	0.02	0.03	<0.1	0.02
Calcium	CaO	0.6	0.1	0.5	0.8	0.04	0.5
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Element	Symbol	I					
		19	20	21	22	23	24
Iron	Fe	66	67	67	66	67	67
Alumina	Al <sub>2</sub> O <sub>3</sub>	2	1	1	2	2	2
Silica	SiO <sub>2</sub>	3	3	2	2	2	2
Phosphorus	P	0.08	0.07	0.06	0.04	0.05	0.06
Sulphure	S	<0.0002	<0.0002	<0.0002	<0.0002	0.1	0.1
Potassium	K <sub>2</sub> O	0.01	0.02	0.1	0.4	0.1	0.08
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.01	0.01	0.02	0.04	0.02	0.03
Calcium	CaO	0.01	0.06	0.9	0.1	0.1	0.1
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Note: Screening assays are not suitable for commercial assay exchange purposes.

For Alfred H. Knight de Mexico SA de CV.



**Alfred H Knight**

**ALFRED H. KNIGHT DE MEXICO S.A. de C.V.**

Report of Multi-element XRF Screening Assay

Client: Client Ref.: Various (Pág. 3)  
Material: Fe ore AHK Reference:  
Quality: Sample delivered by the client Assay Date: 08/12/2012

Concentration in %

Element	Symbol	25	26	27	28	29
Iron	Fe	65	67	65	64	65
Alumina	Al <sub>2</sub> O <sub>3</sub>	3	2	2	3	3
Silica	SiO <sub>2</sub>	2	2	3	4	3
Phosphorus	P	0.04	0.06	0.07	0.05	0.04
Sulphure	S	<0.0002	0.001	0.001	<0.0002	<0.0002
Potassium	K <sub>2</sub> O	0.4	0.06	0.05	0.06	0.06
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.009	0.01	0.01	0.01	0.01
Calcium	CaO	0.2	0.2	0.2	0.2	0.4
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003

Note: Screening assays are not suitable for commercial assay exchange purposes.



For Alfred H. Knight de Mexico SA de CV.





## Alfred H Knight

ALFRED H. KNIGHT DE MEXICO S.A. de C.V.

### Report of Multi-element XRF Screening Assay

Client:		Client Ref.:	Various (Pág. 1)
Material:	Fe ore	AHK Reference:	
Quality:	Sample delivered by the client	Assay Date:	08/12/2012

#### Concentration in %

Element	Symbol	Concentration in %					
		s M-1	s M-2	s M-3	s M-4	s M-5	s M-6
Iron	Fe	65	66	66	66	65	66
Alumina	Al <sub>2</sub> O <sub>3</sub>	2	2	2	2	2	2
Silica	SiO <sub>2</sub>	3	2	2	3	3	2
Phosphorus	P	0.07	0.08	0.05	0.05	0.08	0.08
Sulphure	S	<0.0002	0.06	0.06	0.2	0.1	0.01
Potassium	K <sub>2</sub> O	0.1	0.1	0.08	0.04	0.03	0.4
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.01	0.1	0.03	0.04	0.05	0.05
Calcium	CaO	1	0.3	0.5	0.1	0.2	0.1
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Element	Symbol	Concentration in %					
		s M-7	s M-8	s M-9	s M-10	s M-11	s M-12
Iron	Fe	51	62	63	65	65	66
Alumina	Al <sub>2</sub> O <sub>3</sub>	13	4	4	2	4	3
Silica	SiO <sub>2</sub>	9	4	4	3	2	1
Phosphorus	P	0.04	0.04	0.05	0.08	0.06	0.08
Sulphure	S	0.01	0.03	0.03	0.1	0.004	<0.0002
Potassium	K <sub>2</sub> O	0.4	0.03	0.7	0.06	0.02	0.1
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.02	0.03	0.1	0.04	0.01	0.02
Calcium	CaO	1	1	0.5	1	0.3	0.5
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Note: Screening assays are not suitable for commercial assay exchange purposes.

For Alfred H. Knight de Mexico SA de CV.



## Alfred H Knight

ALFRED H. KNIGHT DE MEXICO S.A. de C.V.

### Report of Multi-element XRF Screening Assay

Client: Client Ref.: Various (Pág. 2)  
Material: Fe ore AHK Reference:  
Quality: Sample delivered by the client Assay Date: 08/12/2012

#### Concentration in %

Element	Symbol	s M-13	s M-14	s M-15	s M-16	s M-17	s M-18
Iron	Fe	64	65	55	65	63	64
Alumina	Al <sub>2</sub> O <sub>3</sub>	5	3	7	3	3	3
Silica	SiO <sub>2</sub>	2	2	3	2	3	4
Phosphorus	P	0.08	0.08	0.05	0.08	0.04	0.07
Sulphure	S	0.004	0.01	0.05	0.01	0.02	0.006
Potassium	K <sub>2</sub> O	0.06	0.08	0.2	0.2	0.03	0.1
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.02	0.01	0.02	0.02	0.02	0.02
Calcium	CaO	0.3	1	6	0.6	0.5	0.3
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Element	Symbol	s M-19	s M-20	s M-21	s M-22	s M-23	s M-24
Iron	Fe	57	65	53	55	65	64
Alumina	Al <sub>2</sub> O <sub>3</sub>	10	2	15	8	2	4
Silica	SiO <sub>2</sub>	7	3	5	2	3	3
Phosphorus	P	0.06	0.06	0.04	0.05	0.07	0.07
Sulphure	S	0.08	<0.0002	0.005	0.03	0.007	0.03
Potassium	K <sub>2</sub> O	0.8	0.1	0.7	0.01	0.01	0.04
Sodium	Na <sub>2</sub> O	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper	Cu	0.01	0.03	0.04	0.04	0.01	0.01
Calcium	CaO	0.3	1	2	5	1	0.4
Magnesium	MgO	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003

Note: Screening assays are not suitable for commercial assay exchange purposes.

For Alfred H. Knight de Mexico SA de CV.

# Evaluative Geological Survey

Jalisco, México

NOVEMBER 2013

## SUMMARY





## EXECUTIVE SUMMARY

Betania												
Displays No.	Thickness (M)	Iron Faith	Alumina Al2O3	Silica SiO2	Phosphorus P	Sulphure S						
M-1	5.30	66	349.80	1	5.30	2	10.60	0.07	0.37	0	0.00	
M-2	1.30	66	85.80	3	3.90	1	1.30	0.08	0.10	0.03	0.04	
M-3	6.10	65	396.50	2	1220	2	1220	0.07	0.43	0.01	0.06	
M-4	1.20	66	79.20	2	2.40	2	2.40	0.05	0.06	0	0.00	
M-5	4.40	65	286.00	2	8.80	2	8.80	0.04	0.18	0.03	0.13	
M-6	0.70	65	45.50	2	1.40	3	2.10	0.06	0.04	0.01	0.01	
M-7	1.40	60	84.00	8	1120	5	7.00	0.08	0.11	0.09	0.13	
M-8	0.90	65	58.50	2	1.80	2	1.80	0.07	0.06	0.06	0.05	
M-9	5.60	61	341.60	1	5.60	2	1120	0.05	0.28	0.06	0.34	
M-10	2.20	65	143.00	2	4.40	2	4.40	0.08	0.18	0.001	0.00	
M-11	1.70	67	113.90	1	1.70	2	3.40	0.04	0.07	0.01	0.02	
M-12	1.30	67	87.10	1	1.30	2	2.60	0.05	0.07	0.01	0.01	
M-13	5.30	66	349.80	2	10.60	2	10.60	0.08	0.42	0	0.00	
M-14	1.65	65	107.25	2	3.30	3	4.95	0.04	0.07	0.3	0.50	
M-15	6.00	66	396.00	2	1200	2	1200	0.05	0.30	0	0.00	
M-16	7.10	63	447.30	4	28.40	4	28.40	0.05	0.36	0	0.00	
M-17	1.20	66	79.20	2	2.40	2	2.40	0.06	0.07	0	0.00	
M-18	1.80	65	117.00	2	3.60	3	5.40	0.08	0.14	0.08	0.14	
M-19	1.70	66	112.20	2	3.40	3	5.10	0.08	0.14	0	0.00	
M-20	0.55	67	36.85	1	0.55	3	1.65	0.07	0.04	0	0.00	
M-21	2.70	67	180.90	1	2.70	2	5.40	0.06	0.16	0	0.00	
M-22	0.60	66	39.60	2	1.20	2	1.20	0.04	0.02	0	0.00	
M-23	1.20	67	80.40	2	2.40	2	2.40	0.05	0.06	0.1	0.12	
M-24	0.85	67	56.95	2	1.70	2	1.70	0.06	0.05	0.1	0.09	
M-25	1.50	65	97.50 Per Day	3	4.50	2	3.00	0.04	0.06	0	0.00	
M-26	5.20	67	348.40	2	1040	2	1040	0.06	0.31	0.001	0.01	
M-27	1.70	65	110.50	2	3.40	3	5.10	0.07	0.12	0.001	0.00	
M-28	0.80	64	51.20	3	2.40	4	3.20	0.05	0.04	0	0.00	
M-29	1.40	65	91.00	3	4.20	3	4.20	0.04	0.06	0	0.00	
<b>TOTAL</b>	<b>73.35</b>		<b>4772.95</b>		<b>157.15</b>		<b>174.90</b>		<b>4.36</b>		<b>1.64</b>	
<b>AVERAGE GRADE %</b>			<b>65.07</b>		<b>2.14</b>		<b>2.38</b>		<b>0.06</b>		<b>0.02</b>	

Chart 4. Average grade for the polygon Betania





## EXECUTIVE SUMMARY

Displays No.	Thickness (M)	Iron Fe/tH	Alumina Al <sub>2</sub> O <sub>3</sub>	Silica SiO <sub>2</sub>	Phosphorus P	Sulphure S					
M-1	1.00	65	65.00	2	2.00	3	3.00	0.07	0.07	0	0.00
M-2	2.75	66	181.50	2	5.50	2	5.50	0.08	0.22	0.06	0.17
M-3	3.50	66	231.00	2	7.00	2	7.00	0.05	0.18	0.06	0.21
M-4	1.50	66	99.00	2	3.00	3	4.50	0.05	0.08	0.2	0.30
M-5	2.00	65	130.00	2	4.00	3	6.00	0.08	0.16	0.1	0.20
M-6	3.00	66	198.00	2	6.00	2	6.00	0.08	0.24	0.01	0.03
M-7	1.70	51	86.70	13	2210	9	1530	0.04	0.07	0.01	0.02
M-8	3.00	62	186.00	4	1200	4	1200	0.04	0.12	0.03	0.09
M-9	2.60	63	163.80	4	1040	4	1040	0.05	0.13	0.03	0.08
M-10	1.80	65	117.00	2	3.60	3	5.40	0.08	0.14	0.1	0.18
M-11	1.95	65	126.75	4	7.80	2	3.90	0.06	0.12	0.004	0.01
M-12	1.15	66	75.90	3	3.45	1	1.15	0.08	0.09	0	0.00
M-13	1.60	64	102.40	5	8.00	2	3.20	0.08	0.13	0.004	0.01
M-14	1.70	65	110.50	3	5.10	2	3.40	0.08	0.14	0.01	0.02
M-15	1.10	55	60.50	7	7.70	3	3.30	0.05	0.06	0.05	0.06
M-16	1.00	65	65.00	3	3.00	2	2.00	0.08	0.08	0.01	0.01
M-17	0.70	63	44.10	3	2.10	3	2.10	0.04	0.03	0.02	0.01
M-18	2.00	64	EUR 128.00	3	6.00	4	8.00	0.07	0.14	0.006	0.01
M-19	1.00	57	57.00	10	10.00	7	7.00	0.06	0.06	0.08	0.08
M-20	1.60	65	104.00	2	3.20	3	4.80	0.06	0.10	0	0.00
M-21	2.20	53	116.60	15	33.00	5	1100	0.04	0.09	0.005	0.01
M-22	1.50	55	82.50	8	1200	2	3.00	0.05	0.08	0.03	0.05
M-23	1.30	65	84.50	2	2.60	3	3.90	0.07	0.09	0.007	0.01
M-24	2.40	64	153.60	4	9.60	3	7.20	0.07	0.17	0.03	0.07
<b>TOTAL</b>	<b>44.05</b>		<b>2769.35</b>		<b>189.15</b>		<b>139.05</b>		<b>2.76</b>		<b>1.61</b>
<b>AVERAGE GRADE %</b>			<b>62.87</b>		<b>4.29</b>		<b>3.16</b>		<b>0.06</b>		<b>0.04</b>

Chart 5. Average grade for the polygon

Iron (Fe) average grade for the polygon is 65.07% from 29 samples.  
 Iron (Fe) average grade for the polygon is 62.87% from 24 samples.

Detailed laboratory results are annexed to this report.





#### 4. Mining and geological potential

##### polygon

##### Estimated volume: 471, 960 Ton

- In a body of an estimated 104, 880 m<sup>3</sup>
- In a tabular body with a geometry of approximately 228 meters long by 23 meters in width and 20 meters thickness; and a section of upper cut-off of 5 to 6 meters, approximately.
- Arc Map 10.1 and Geosoft for volume estimation method of Storeroom (Indicated Ore by the US Bureau of Mines); geology and direct geochemical sampling from pits; detailed topography; and dimensional modeling.
- Mineral density 4.5 gr/cm<sup>3</sup>
- Type of mineralization: ortho-magmatic
- Mineral: Magnetite

##### Mineral reserves

Ore reserves	Quantity	Reliability	
		Dielh &David (1982)	Error
Positive	471, 960 Ton	>80%	± 10%
Probable	604, 108.8 ton	>60-80%	± 20%
Possible and potential	722, 098.8 ton	>40-60%	± 60%

Chart 6. Ore reserves in polygon

For the mineralized body within the

polygon, the estimated geometry and volume is as follows:



$$\begin{aligned} \text{Estimated Volume} &= \text{Length} \times \text{Width} \times \text{Depth} \\ \text{Estimated Volume} &= (228 \text{ m}) \times (23 \text{ m}) \times (20 \text{ m}) \\ \text{Estimated Volume} &= 199, 374 \text{ m}^3 \end{aligned}$$

With a volumetric weight *in situ* of 4.5 ton/m<sup>3</sup>, the estimated weight of the mineralized body is:

$$\begin{aligned} \text{Estimated Weight} &= \text{estimated volume} \times \text{volumetric weight in situ} \\ \text{Estimated Weight} &= (199, 374 \text{ m}^3) \times (4.5 \text{ ton/m}^3) \\ \text{Estimated Weight} &= 471, 960 \text{ Ton} \end{aligned}$$



**Polygon****Estimated volume: 897, 187.5 Ton**

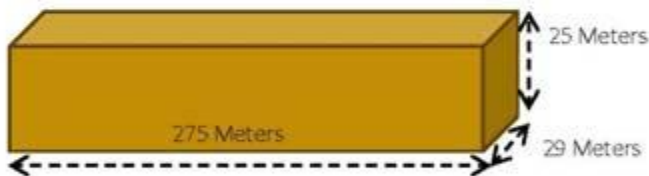
- In a body of estimated 199, 374 m<sup>3</sup>
- In an irregular body with a configuration of approximately 275 meters long by 29 meters in width and 25 meters in thickness of 25 meters; section of upper cut-off of 5 to 6 meters, approximately.
- Arc Map 10.1 and Geosoft for volume estimation method of Storerroom (Indicated Ore by the US Bureau of Mines); geology and direct geochemical sampling from pits; detailed topography; and dimensional modeling.
- Mineral Density 4.5 gr/cm<sup>3</sup>
- Type of mineralization: ortho-magmatic
- Mineralogy: Magnetita.

**Mineral reserves**

Ore reserves	Quantity	Reliability	
		Dielh &David (1982)	Error
<b>Positive</b>	897, 187.5 ton	>80%	± 10%
<b>Probable</b>	1, 148, 400 Ton	>60-80%	± 20%
<b>Possible and potential</b>	1, 372, 696 Ton	>40-60%	± 60%

Chart 7. Ore reserves in polygon *Salsipuedes*

For the mineralized body within the polygon, the estimated geometry and volume is as follows:



$$\begin{aligned} \text{Estimated Volume} &= \text{Length} \times \text{Width} \times \text{Depth} \\ \text{Estimated Volume} &= (275 \text{ m}) \times (29 \text{ m}) \times (25 \text{ m}) \\ \text{Estimated Volume} &= 104, 880 \text{ m}^3 \end{aligned}$$

With a volumetric weight *in situ* of 4.5 ton/m<sup>3</sup>, the estimated weight of the mineralized body is:

$$\begin{aligned} \text{Estimated Weight} &= \text{estimated volume} \times \text{volumetric weight } \textit{in situ} \\ \text{Estimated Weight} &= (104, 880 \text{ m}^3) \times (4.5 \text{ ton/m}^3) \\ \text{Estimated Weight} &= 897, 187.5 \text{ Ton} \end{aligned}$$





Geometry and spatial configuration of both mineralized bodies are displayed in the following figures.

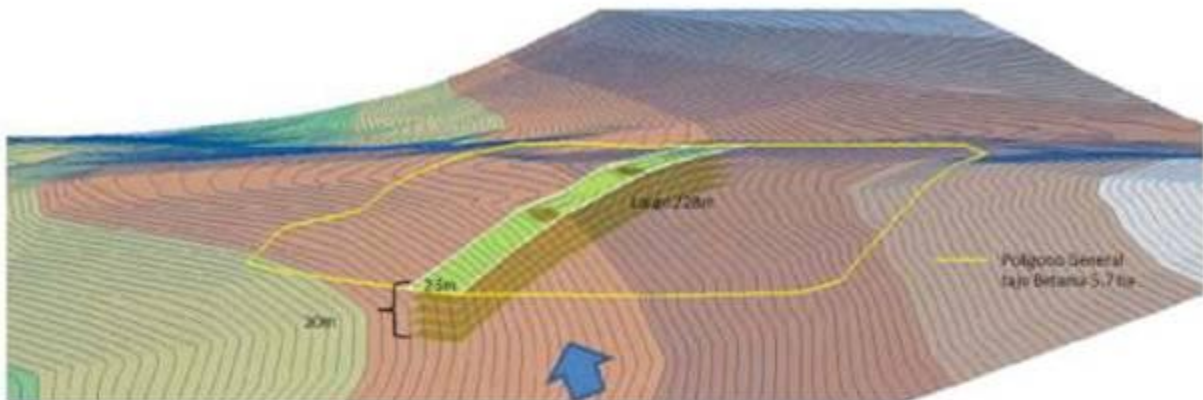


Fig. 2. 3D view of the body in the mineralized polygon

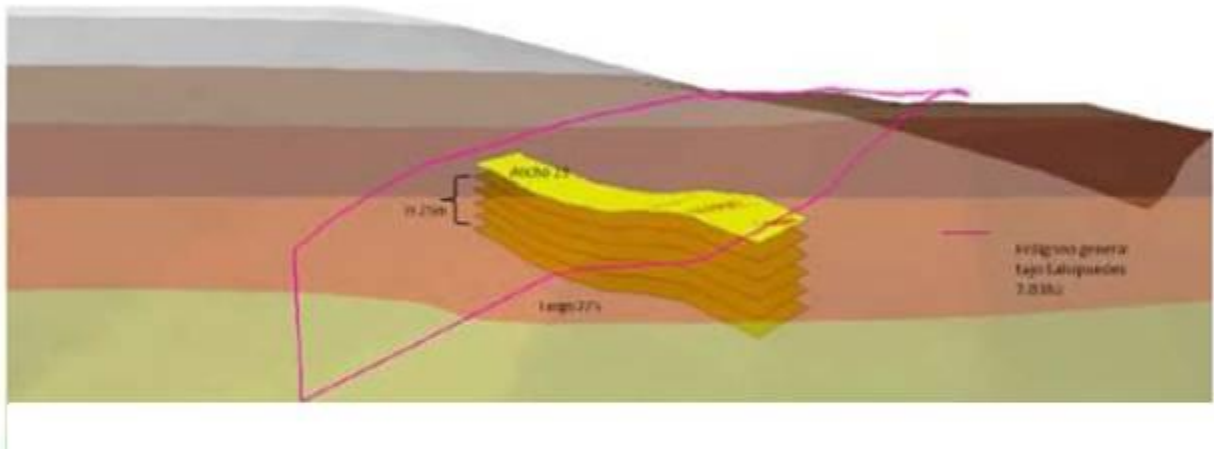


Fig. 3. 3D view of the body in the mineralized polygon

## 5. Conclusions

- Based on field geologic and geophysical data, high potential for exploitation of ore bodies of Fe (magnetite) has been estimated.
- Geochemical analysis displayed average Fe concentrations ranging between 62 and 65% with little or without presence of contaminants.
- Fieldwork to assess local geology and geophysical magnetic studies allowed to shape two mineralized ore bodies with a total proved reserves of 1,369,147 Ton and probable reserves up to 1,752,508 Ton (that last figure is considering a greater depth for both mineralized bodies than the depth estimated from fieldwork and geophysical data).





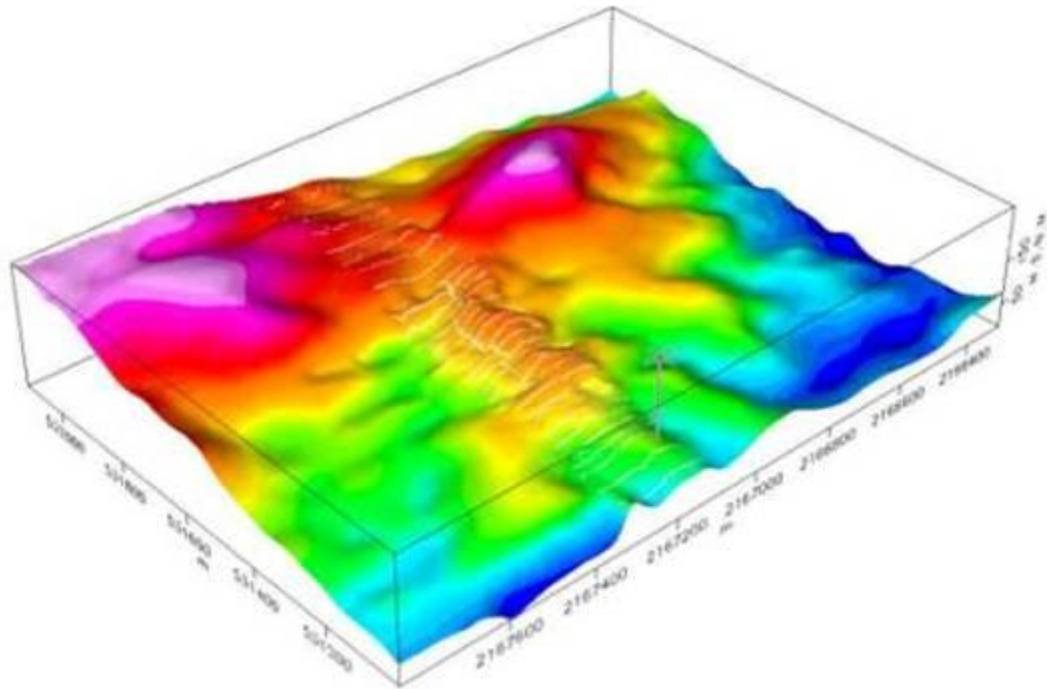


Fig. 18. Digital Terrain Model with Magnetic detail sections performed. The cross indicates the position where we found a small outcrop ore Fe NW The view is to the SE.

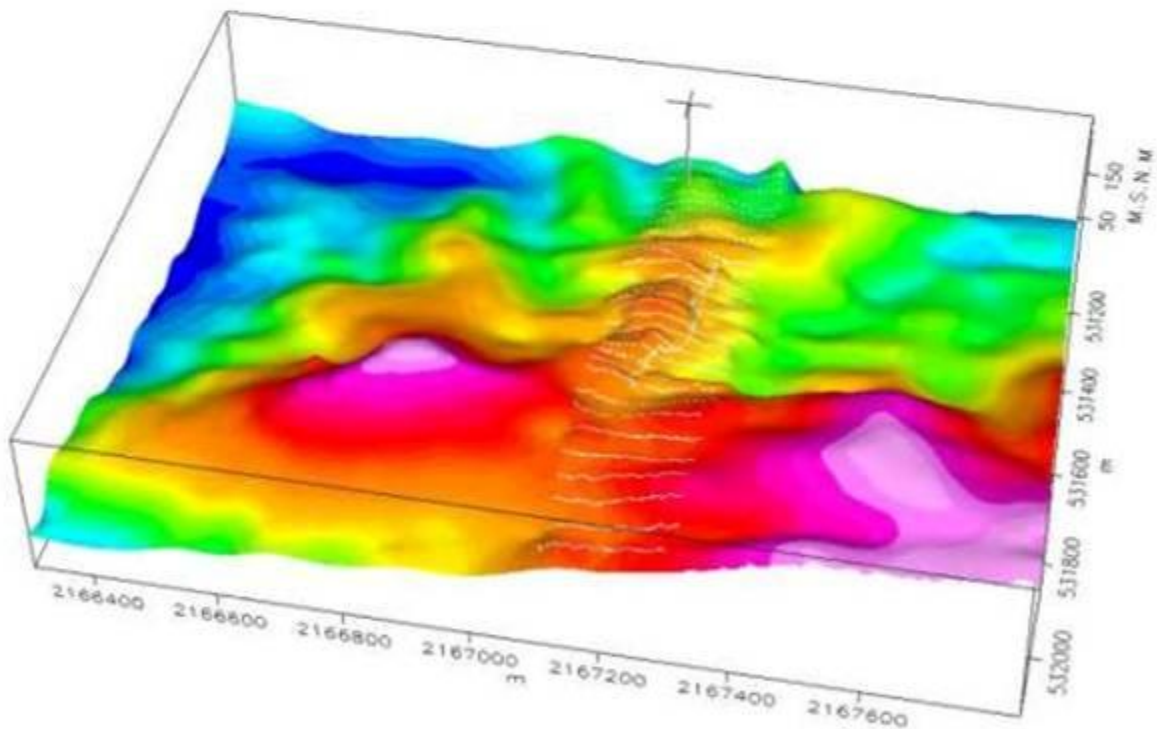


Fig. 19. Digital Terrain Model. The solid line represents the position of the pit. The cross indicates the existence of ore Fe's perspective looking into the W E.





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The CDMaxalliance Group primary shipping port is the Port of Manzanillo with all required Export Permits ( November 2013 )

CDMaxalliance Group has an Port-offsite Patio which works in association with the Manzanillo Logistic Operations to Load a 70,000 Metric Ton ship in less than 2 days.

CDM - Private off-site Patio Operation can "reserve" Minerals for continuous "Re-Supply" via CDM business management at full operation.

*This guarantees multiple monthly ship load fulfillment - no matter the weather or time of year.*



Administración  
Portuaria Integral de  
Manzanillo, S.A. de C.V.

