



CAMPOS ELISEOS 400, OF 1102
COL. LOMAS DE CHAPULTEPEC, MIGUEL HIDALGO
CIUDAD DE MEXICO
11000 7

Your Ref.: H-94-2024-01/0091

Our Ref : MX24012017-GM
Date : 01st February 2024
Supervision Report

We give below details of a material described as "**Cananea Copper Concentrates**" which was weighed, loaded, sampled, tested for moisture content and prepared in the presence of our representatives.

General Details

Advised Material	Cananea Copper Concentrates
Advised Weight	11,000 WMT Lot H091
Vessel	MV "TRES FELICES "
Material Location in Vessel	Hold 3
Supplier	Grupo Mexico
Buyer	MRI
Load Port	Guaymas, Mexico
Discharge Port	Jinzhou, China
Vessel Arrived	January 23 rd , 2024, at 08:07 hrs. LT
Vessel Berthed	January 23 rd , 2024, at 09:15 hrs. LT
Loading Commenced	January 30 th , 2024, at 09:15 hrs. LT
Loading Completed	January 31 st , 2024, at 03:45 hrs. LT
Sample Preparation	January 30 th to 01 st February 2024
Sample Sealing Date	February 01 st , 2024

Lot H0091	Hold Nr. 03
Net Wet Weight (WMT)	10,777.520
Moisture (%)	8.45841
Net Dry Weight (DMT)	9,865.913



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Cargo Condition

The material was found stockpiled at Grupo Mexico Terminal, Guaymas inside the warehouse and API yards. The warehouse is located inside Guaymas Port Terminal approximately 600m away from the berth. This warehouse has a maximum capacity of 80,000mt. Stockpile sampling per FMP/TML testing was performed by ALS staff, January 29th, 2024, as per the verbal notification of the Grupo Mexico representative.

Our surveyor attended at the shipper's stockpile prior to the loading operations and observed that the cargo was in bulk form and ready for loading. No apparent contamination or impurities were observed as far as visibly accessible.

Lot H0091



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Loading operation and conveyor details:

The material was transported by open dump trucks from the warehouse (stockpile) to the mobile conveyor belts. Afterwards, the material was loaded directly into the vessel's holds at an average speed of around 500 WMT/hr for each of the conveyors. Any cargo spillages were recovered from the quay side.

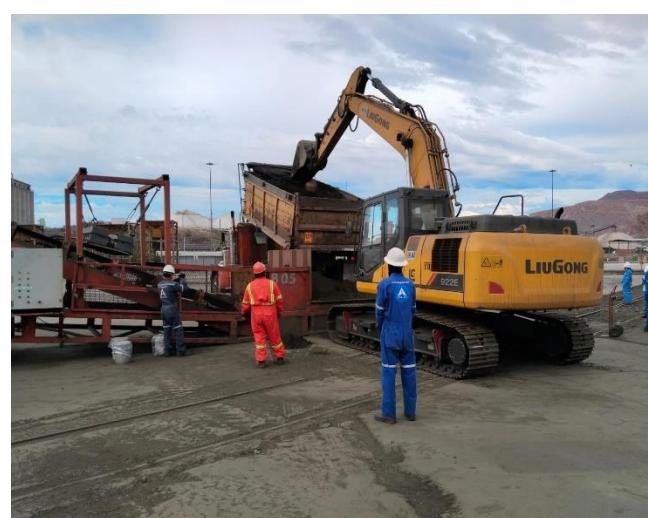
During the loading operations, there were not stoppages registered.





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Loading operation and conveyor details: H-0091



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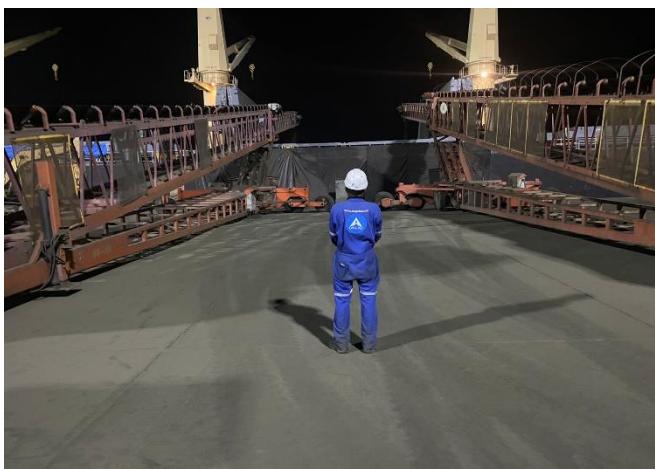
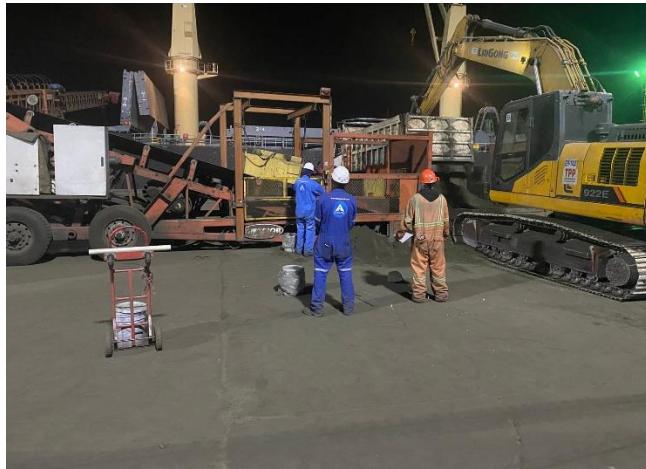
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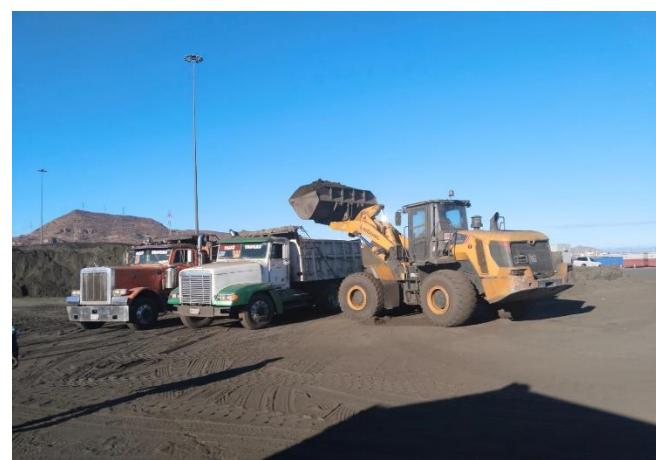
Loading operation and conveyor details: H-0091





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Loading trucks operation in: API Yards lot H-0091





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Scale Weighing

The official weight of the cargo loaded on board the vessel was ascertained using a Shore Scale with the following details:

Mark	: Revuelta
Model	: ERCC
Serial Number	: 86611C1280
Location	: API Terminal
Máximum Capacity	: 80 MT
Last Calibration	: November 15 th , 2023



ALS Inspectors attended all times at the Shore Scale.

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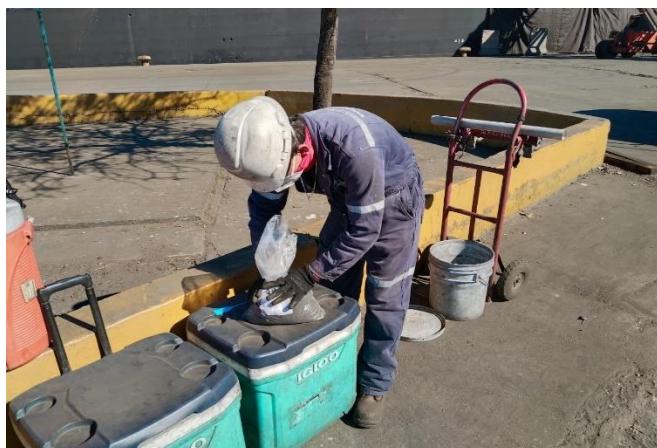
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Sampling for moisture determination and quality preparation by ALS Staff H-0091

In order to determine the moisture content of the cargo loaded, representative samples were taken manually by ALS personnel from the mobile conveyor belt after each truck (20WMT) had offloaded. 9 increments (minimum 500g) were taken from the sampling point located on the mobile conveyor, using a JIS scoop No. 30. These increments were emptied into a plastic bag placed inside a plastic bucket. Samples of approx 25kg were collected representing each 100 WMT lot. This primary sample per lot was reduced by means of a spear, taking 5 increments from the gross sample until obtaining an approx. 5kg sample which is then collected into a polyethylene bag, sealed with tape, labelled, and taken to the ALS lab which is approximately 100 mt from the sampling site. Samples are transported from the sampling site to the lab by ALS personnel.



Sampling for moisture determination and quality preparation by ALS Staff H0091:





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Witnessing Moisture determination in ALS Laboratory Lot H0091:

Before weighing the samples, the empty trays were weighed for tare. Each bag containing the sample collected per 100 WMT lot was poured out over a plastic sheet and homogenized. Afterwards, this homogenized sample was reduced by the 4x5 increment division method using a JIS scoop No. 1. The 2 trays of 1kg each were then placed into the oven for drying.

- Trays dimensions are:
 - Length: 15 cms
 - Width: 15 cms
 - Height: 5 cms

The sample was spread to a thickness of less than 30mm. Prior to use, the oven temperature is set at 105°C +/- 5, and its temperature is controlled by means of a thermometer. This control is carried out at 08:00 hours, 12:00 hours and 16:00 hours. Further controls can be conducted if the operator deems it necessary in addition to the mandatory intervals mentioned above. The trays were put into the oven without continuous forced ventilation at 105 °C +/- 5 °C, for 7 hours, after this time the sample was weighed and placed in the oven for an additional 1 hour. This process is repeated until constant weight is achieved (consecutive weighing's showing a difference of less than 0.05%). Seals were applied to the ovens during the drying process. Each tray sample was weighed before and after drying in the oven. After completion of the drying process, the moisture percentage of each tray sample was obtained by calculating the difference between the wet and dry weight. The average of the samples was applied per lot. The samples were weighed hot with the trays taken directly from the oven. The final moisture of 100 WMT lot samples was calculated by averaging the moistures from the 2 trays. The dried samples were placed in labelled plastic bags and sealed by all attending parties.





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Equipment for moisture determination

DRYING OVEN	OVEN No.1
BRAND	TOHO
MANUFACTURE	MIT GROUP
SERIAL NR.	201811D467
MEASUREMENT RANGE	T= 50°C TO 260°C
TESTING COMPANY	SISTEMA DE INTRUMENTACION Y CONTROL DE NOROESTE
STATUS	OPERATIBE
LAST CALIBRATION	MAR 23, 2023

DRYING OVEN	OVEN No.2
BRAND	TOHO
MANUFACTURE	MIT GROUP
SERIAL NR.	201811D468
MEASUREMENT RANGE	T= 50°C TO 260°C
TESTING COMPANY	SISTEMA DE INTRUMENTACION Y CONTROL DE NOROESTE
STATUS	OPERATIBE
LAST CALIBRATION	MAR 23, 2023

ELECTRONIC SCALE	SARTORIUS
MODEL	PRACTUM 5101-15
SERIAL NUMBER	0037650014
MINIMUM GRAADUATION	0.1g
MAXIMUM CAPACITY	5.1000g
TESTING COMPANY	SISTEMA DE INTRUMENTACION Y CONTROL DE NOROESTE
LAST CALIBRATION	MAR 23, 2023



Lot by lot weight and moisture results as below:

LOT H0091 in Hold 3

SUB LOT	CLIENT REFERENCE N.	WMT	MOISTURE		DMT
			(%)	(MT)	
1	H-94-2024-01/0091	93.300	8.54000	7.968	85.332
2	H-94-2024-01/0091	121.410	8.58000	10.417	110.993
3	H-94-2024-01/0091	95.770	8.75000	8.380	87.390
4	H-94-2024-01/0091	104.280	8.64000	9.010	95.270
5	H-94-2024-01/0091	104.900	8.65000	9.074	95.826
6	H-94-2024-01/0091	89.370	8.59000	7.677	81.693
7	H-94-2024-01/0091	88.250	8.70000	7.678	80.572
8	H-94-2024-01/0091	111.380	8.84000	9.846	101.534
9	H-94-2024-01/0091	85.480	8.89000	7.599	77.881
10	H-94-2024-01/0091	118.400	8.88000	10.514	107.886
11	H-94-2024-01/0091	90.770	9.04000	8.206	82.564
12	H-94-2024-01/0091	97.310	8.87000	8.631	88.679
13	H-94-2024-01/0091	113.310	8.87000	10.051	103.259
14	H-94-2024-01/0091	91.530	8.96000	8.201	83.329
15	H-94-2024-01/0091	89.200	8.92000	7.957	81.243
16	H-94-2024-01/0091	119.480	8.86000	10.586	108.894
17	H-94-2024-01/0091	99.320	8.80000	8.740	90.580
18	H-94-2024-01/0091	94.450	8.70000	8.217	86.233
19	H-94-2024-01/0091	93.530	8.93000	8.352	85.178
20	H-94-2024-01/0091	93.110	8.87000	8.259	84.851
21	H-94-2024-01/0091	102.500	8.87000	9.092	93.408
22	H-94-2024-01/0091	99.980	8.81000	8.808	91.172
23	H-94-2024-01/0091	103.110	8.69000	8.960	94.150
24	H-94-2024-01/0091	97.850	8.61000	8.425	89.425
25	H-94-2024-01/0091	103.080	8.80000	9.071	94.009
26	H-94-2024-01/0091	101.490	8.84000	8.972	92.518
27	H-94-2024-01/0091	99.860	8.65000	8.638	91.222
28	H-94-2024-01/0091	95.530	8.83000	8.435	87.095
29	H-94-2024-01/0091	97.110	8.73000	8.478	88.632
30	H-94-2024-01/0091	93.260	8.83000	8.235	85.025
31	H-94-2024-01/0091	98.200	8.73000	8.573	89.627
32	H-94-2024-01/0091	113.870	8.64000	9.838	104.032
33	H-94-2024-01/0091	105.640	8.41000	8.884	96.756
34	H-94-2024-01/0091	100.550	8.51000	8.557	91.993
35	H-94-2024-01/0091	97.940	8.58000	8.403	89.537
36	H-94-2024-01/0091	93.710	8.64000	8.097	85.613
37	H-94-2024-01/0091	93.750	8.57000	8.034	85.716
38	H-94-2024-01/0091	94.990	8.63000	8.198	86.792



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39	H-94-2024-01/0091	94.720	8.45000	8.004	86.716
40	H-94-2024-01/0091	110.120	8.31000	9.151	100.969
41	H-94-2024-01/0091	110.520	8.24000	9.107	101.413
42	H-94-2024-01/0091	112.360	8.21000	9.225	103.135
43	H-94-2024-01/0091	95.750	8.48000	8.120	87.630
44	H-94-2024-01/0091	90.500	8.69000	7.864	82.636
45	H-94-2024-01/0091	110.720	8.88000	9.832	100.888
46	H-94-2024-01/0091	97.440	8.94000	8.711	88.729
47	H-94-2024-01/0091	87.420	8.85000	7.737	79.683
48	H-94-2024-01/0091	92.840	8.78000	8.151	84.689
49	H-94-2024-01/0091	114.390	8.84000	10.112	104.278
50	H-94-2024-01/0091	92.120	8.83000	8.134	83.986
51	H-94-2024-01/0091	98.400	8.70000	8.561	89.839
52	H-94-2024-01/0091	121.980	8.31000	10.137	111.843
53	H-94-2024-01/0091	98.440	8.67000	8.535	89.905
54	H-94-2024-01/0091	98.870	8.70000	8.602	90.268
55	H-94-2024-01/0091	103.430	8.50000	8.792	94.638
56	H-94-2024-01/0091	96.270	8.54000	8.221	88.049
57	H-94-2024-01/0091	99.400	8.61000	8.558	90.842
58	H-94-2024-01/0091	97.590	8.77000	8.559	89.031
59	H-94-2024-01/0091	93.720	8.25000	7.732	85.988
60	H-94-2024-01/0091	96.750	8.73000	8.446	88.304
61	H-94-2024-01/0091	96.790	8.97000	8.682	88.108
62	H-94-2024-01/0091	102.420	8.58000	8.788	93.632
63	H-94-2024-01/0091	100.980	7.45000	7.523	93.457
64	H-94-2024-01/0091	97.330	8.49000	8.263	89.067
65	H-94-2024-01/0091	115.040	8.40000	9.663	105.377
66	H-94-2024-01/0091	91.100	7.99000	7.279	83.821
67	H-94-2024-01/0091	95.870	8.16000	7.823	88.047
68	H-94-2024-01/0091	112.680	8.12000	9.150	103.530
69	H-94-2024-01/0091	85.880	7.78000	6.681	79.199
70	H-94-2024-01/0091	112.290	7.76000	8.714	103.576
71	H-94-2024-01/0091	87.540	7.81000	6.837	80.703
72	H-94-2024-01/0091	91.400	7.86000	7.184	84.216
73	H-94-2024-01/0091	116.610	7.82000	9.119	107.491
74	H-94-2024-01/0091	97.120	7.82000	7.595	89.525
75	H-94-2024-01/0091	94.390	7.83000	7.391	86.999
76	H-94-2024-01/0091	103.110	7.80000	8.043	95.067
77	H-94-2024-01/0091	94.460	8.06000	7.613	86.847
78	H-94-2024-01/0091	115.730	8.12000	9.397	106.333
79	H-94-2024-01/0091	94.200	8.08000	7.611	86.589
80	H-94-2024-01/0091	91.690	8.11000	7.436	84.254
81	H-94-2024-01/0091	92.800	8.18000	7.591	85.209
82	H-94-2024-01/0091	114.310	8.02000	9.168	105.142
83	H-94-2024-01/0091	92.280	8.11000	7.484	84.796
84	H-94-2024-01/0091	96.880	8.35000	8.089	88.791
85	H-94-2024-01/0091	103.240	8.31000	8.579	94.661
86	H-94-2024-01/0091	116.940	8.35000	9.764	107.176

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87	H-94-2024-01/0091	91.220	8.19000	7.471	83.749
88	H-94-2024-01/0091	92.430	8.13000	7.515	84.915
89	H-94-2024-01/0091	92.160	8.25000	7.603	84.557
90	H-94-2024-01/0091	105.920	8.32000	8.813	97.107
91	H-94-2024-01/0091	116.540	8.28000	9.650	106.890
92	H-94-2024-01/0091	87.720	8.46000	7.421	80.299
93	H-94-2024-01/0091	94.130	8.37000	7.879	86.251
94	H-94-2024-01/0091	115.940	8.49000	9.843	106.097
95	H-94-2024-01/0091	91.060	8.26000	7.522	83.538
96	H-94-2024-01/0091	112.810	8.42000	9.499	103.311
97	H-94-2024-01/0091	91.090	8.51000	7.752	83.338
98	H-94-2024-01/0091	88.690	8.44000	7.485	81.205
99	H-94-2024-01/0091	109.620	8.41000	9.219	100.401
100	H-94-2024-01/0091	91.440	8.53000	7.800	83.640
101	H-94-2024-01/0091	97.210	8.49000	8.253	88.957
102	H-94-2024-01/0091	116.140	8.43000	9.791	106.349
103	H-94-2024-01/0091	101.350	8.38000	8.493	92.857
104	H-94-2024-01/0091	93.760	8.44000	7.913	85.847
105	H-94-2024-01/0091	113.140	7.04000	7.965	105.175
106	H-94-2024-01/0091	98.660	8.16000	8.051	90.609
107	H-94-2024-01/0091	94.940	7.99000	7.586	87.354
108	H-94-2024-01/0091	67.750	7.77000	5.264	62.486
Totals		10,777.520	8.45841	911.607	9,865.913



Lot by lot weight and moisture results as below:

LOT H0091 in Hold 3

SUB LOT	CLIENT REFERENCE N.	WMT	MOISTURE		DMT
			(%)	(MT)	
1	H-94-2024-01/0091	519.660	8.63045	44.849	474.811
2	H-94-2024-01/0091	492.880	8.78794	43.314	449.566
3	H-94-2024-01/0091	482.120	8.92848	43.046	439.074
4	H-94-2024-01/0091	499.890	8.83274	44.154	455.736
5	H-94-2024-01/0091	506.520	8.75701	44.356	462.164
6	H-94-2024-01/0091	487.250	8.77537	42.758	444.492
7	H-94-2024-01/0091	516.200	8.57323	44.255	471.945
8	H-94-2024-01/0091	487.290	8.51321	41.484	445.806
9	H-94-2024-01/0091	519.850	8.49245	44.148	475.702
10	H-94-2024-01/0091	484.210	8.84843	42.845	441.365
11	H-94-2024-01/0091	521.120	8.56367	44.627	476.493
12	H-94-2024-01/0091	483.730	8.58247	41.516	442.214
13	H-94-2024-01/0091	512.560	8.37346	42.919	469.641
14	H-94-2024-01/0091	497.820	7.96412	39.647	458.173
15	H-94-2024-01/0091	487.060	7.82778	38.126	448.934
16	H-94-2024-01/0091	499.190	8.03301	40.100	459.090
17	H-94-2024-01/0091	499.510	8.19023	40.911	458.599
18	H-94-2024-01/0091	498.670	8.25516	41.166	457.504
19	H-94-2024-01/0091	505.390	8.37274	42.315	463.075
20	H-94-2024-01/0091	493.650	8.45842	41.755	451.895
21	H-94-2024-01/0091	521.600	8.13171	42.415	479.185
22	H-94-2024-01/0091	261.350	7.99732	20.901	240.449
Totals		10,777.520	8.45841	911.607	9,865.913



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Witnessing Sample Preparation in TGM Lab Lot H0091

The dried samples were pulverized for 1 minute within an LM2 mill. After this process each 100mt sample is combined to compose final 500wmt lot samples (10 trays). The final composed lot samples are then well mixed inside a plastic bag for 1 minute. These samples are further passed through a riffle splitter for reduction purposes until the quality lot sample weighs 2000 g +/- 200 g. After reduction, the samples are split using a sample divider to compose the final quality samples, which are then placed into a metallic envelope, labelled and sealed. 7 sets of samples were prepared in total for this consignment and dispatched according to instructions received from all parties.



Total 7 sets each composite per lot samples were prepared and distributed as per the client's original instructions.

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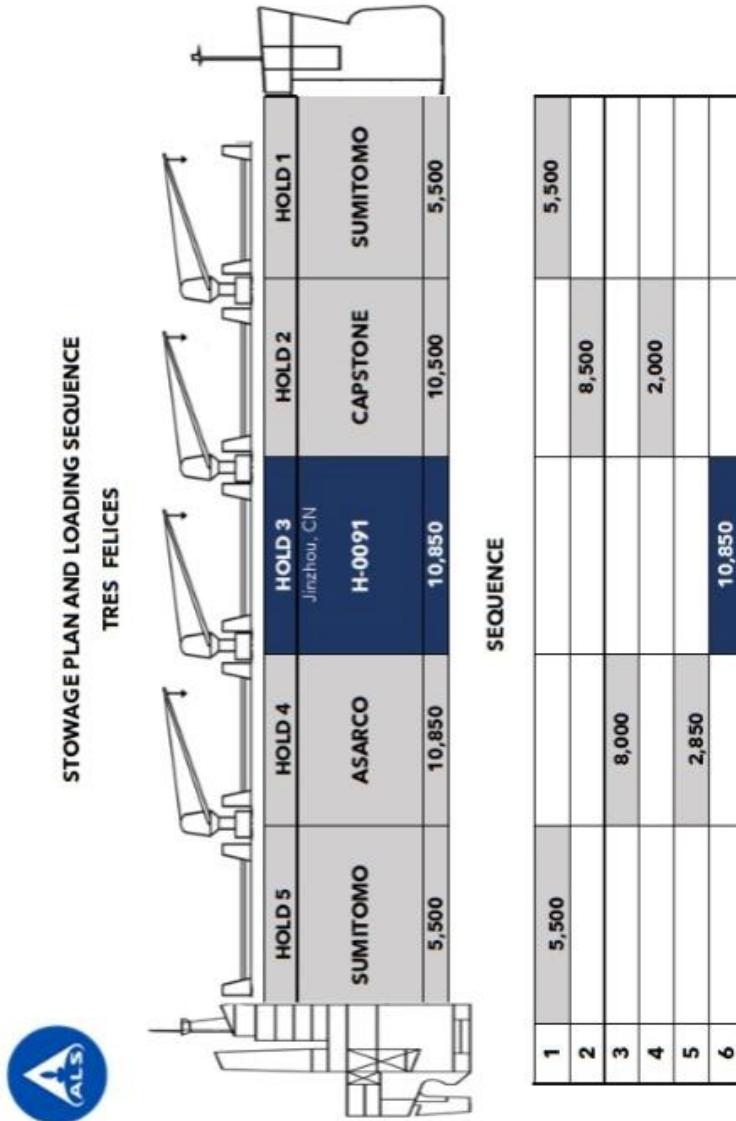
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Cargo Séquense Plan:





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Loading of the Vessel

Vessel's Particulars

Flag & Register Port	PANAMA,PANAMA
Owners	T.S Central Shipping Co. Ltd.
Year Built	2010
NRT	18,518
GRT	31,440
Type of ship	Bulk Carrier



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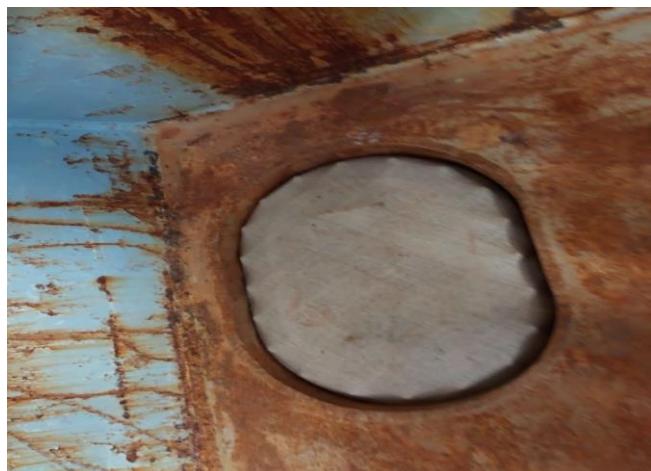


Hold and Hatch condition.

Our representative's surveyor, jointly with the shipper's surveyor, was inspected Hold 3 before loading:

HOLD N° 03	GOOD	FAIR	POOR
Hatch covers	✓		
Hatch coatings	✓		
Rubber packing, draining holes	✓		
Acting cleats, compression bars	✓		
Non return valves	✓		
Hydraulic Systems	✓		
Forward and aft bulkhead	✓		
Side/shell plating (port and stb)	✓		
Frames, brackets and bracket connection	✓		
Tank top plating	✓		
Hopper tank plating	✓		
Ventilation, void spaces	✓		
Bilges, suctions	✓		
Air vents Sounding pipes	✓		
Cleaning Condition	✓		
Observation: Cargo hold Nr. 03 was found dry, clean, and suitable to receive cargo.			

Visual Hold Inspection #3 Lot H0091



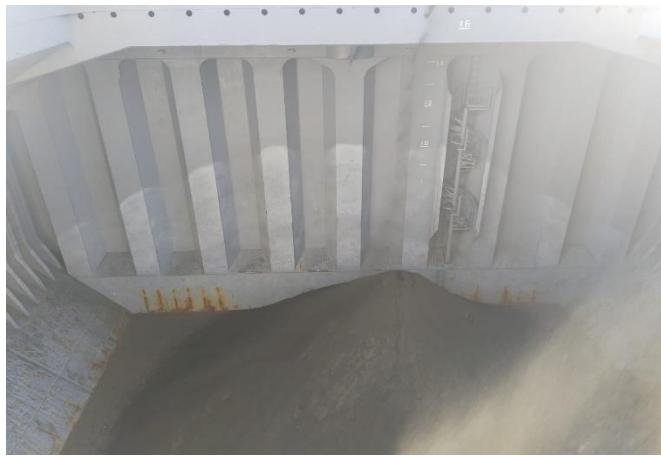


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Our surveyor also visited the designated stockpile during the loading operations to verify that there was no mixing of material.

The material was grey in colour and consisted of fines in one stockpile.

Hold #3 Lot H0091



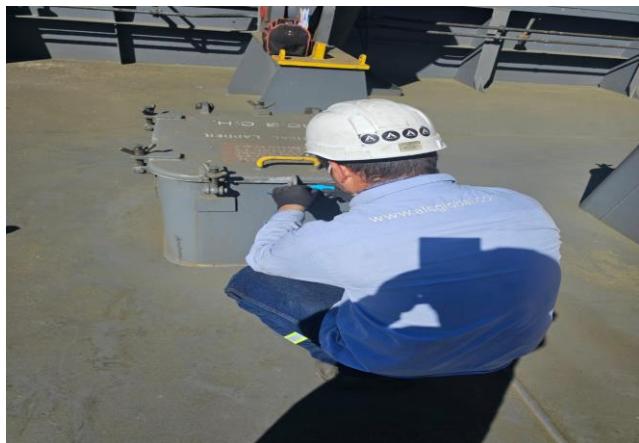


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Our surveyor also visited the vessel to perform the sealing of Hold #3 after the completion of trimming the cargo.

The material was found well-trimmed.

Hold #3 lot H-0091



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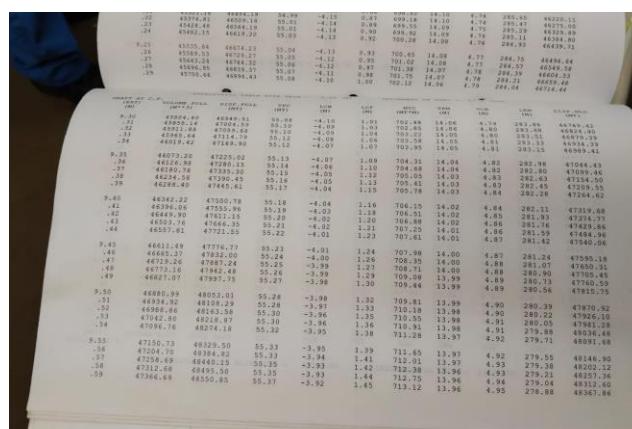
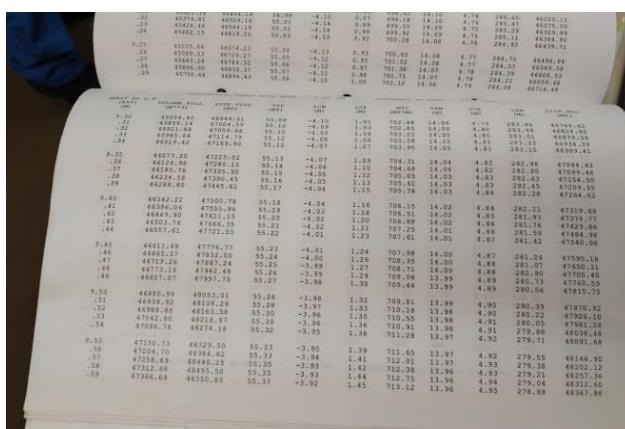
An ALS Limited Company

23 de 26



right solutions.
right partner.

Draft Survey Figures Lot H0091	Hold Nr. 03
Wet Metric Tons (WMT)	10,758.636





right solutions.
right partner.

Hold Seals Numbers:

SEAL'S	PRODUCT	STOWAGE SHIP HOLD'S
03888	Cooper Concentrate	Hold #3 Starboard Side
03889	Cooper Concentrate	Hatch Hold #3 Fwd Side
03890	Cooper Concentrate	Hatch Hold #3 Aft Side



Dates and Times

Date	Time	Description
January 23 rd , 2024	08:07	POB for berthing manoeuvres
	09:15	Vessel berthed at pier No. 3
	10:00	Port Authorities on Board
	10:10	Free Practique Granted
January 27 th , 2024	06:00	ALS Surveyors on Board
	06:00 - 08:00	Initial Draft Survey Inspection of the Lot H-0091
January 29 th , 2024	09:30 - 09:40	visual inspection of Hold 3
January 30 th , 2024	09:15	Started loading operations of Lot H0091 Hold 3
January 31 st , 2024	03:45	Completed loading operations of Lot H0091 Hold 3
	04:30 - 06:30	Final Draft Survey Inspection of the lot H0091 Hold 3
	15:25	Pilot on Board
	15:44	Vessel Unberthed
February 23 rd , 2024	AM	ETA ONAHAMA, JAPAN

The above report reflects our findings at the time and place of the inspection only and does not refer to any other matters.

The inspection has been performed to the best of our knowledge and ability within the scope of the instructions we have received and in accordance with accepted international standards. This report does not relieve buyers and sellers from their contractual obligations.

For and on Behalf of ALS Inspection Mexico S. de R. L. de C.V.

Mario Castillo - Operations Manager