



Property File 082 N 001

CORE LABORATORIES - CANADA LTD.

CALGARY, ALBERTA

27



005097

COMPANY Mountain Minerals Ltd.

PAGE 1 of 1
FILE 7061-80
DATE 1980 10

Sample: Silica

Date Received: 1980 10 07

Date Analyzed: 1980 10 22

Analysis

	<u>Moberly Flour Sample (Bag Dust)</u>	<u>J.M. Sample (Moberly)</u>
Iron as Fe ₂ O ₃	523 mg/kg	44.5 mg/kg
Aluminum as Al ₂ O ₃	52.4 mg/kg	13 mg/kg
Calcium as CaO	204 mg/kg	84 mg/kg
Loss on Ignition at 800°C	1.10%	0.67%

BATCH MATERIALS REPORT

S. W. I.

MEMO NO. CFD - X - X
 GRADE & MATL. - 30 MESH SAND
 VENDOR MILPERLY SILICA
 DATE UNLOADED REC'D 7-23-80

PLANT POTENTIAL INNISFAIR
 CARRIER N/A
 PURCH. SPEC. N/A

SCREEN ANALYSIS

U.S. SIEVE	+4	-4 +6	-6 +8	-8 +10	-10 +12	-12 +16	-18 +20	-20 +30	-30 +40	-40 +50	-50 +60	-60 +70	-70 +80	-80 +100	-100 +140	-140 +200	-200 +325	-325
WT. %							0.0	0.1	9.6	32.8	16.7	10.1	11.6	6.3	8.7	2.3	1.9	
PURCH. SPEC.																		

CHEMICAL ANALYSIS

CONST.	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	B ₂ O ₃	Na ₂ O	K ₂ O	CaO	MgO	SrO	BaO	ZnO	SO ₃	TiO ₂	CaF ₂	CaCO ₃	MgCO ₃	Na ₂ CO ₃
WT. %	99.7	0.10	0.26				0.11										
PURCH. SPEC.																	

COMMENTS

CC: L. GAGIN W. J. GLASPOCK
S. WISE

LOG BOOK NO.: 434-4804-52-2645
 ANALYZED BY: MK-80-96
 REPORTED BY: R. J. [Signature]

Property File 082 N 001 Mt Moberly / GOLDEN
 CORE LABORATORIES - CANADA LTD.

CALGARY, ALBERTA

(27)

COMPANY Mountain Minerals Ltd.

PAGE 1 of 1
 FILE 7061-80182
 DATE 1980 05 29

Sample: Sand
 Date Received: 1980 05 20
 Date Analyzed: 1980 05 29

Analysis

	1 Lane Mountain Sand	Moberly Sand
Loss on Ignition at 100°C	0.04%	0.03%
Loss on Ignition at 800°C	0.1%	0.01%
SiO ₂	99.13%	99.51%
Al ₂ O ₃	2,500 ppm	1,421 ppm
Fe ₂ O ₃	664 ppm	313 ppm
CaO	658 ppm	420 ppm
MgO	725 ppm	565 ppm
Na ₂ O	65 ppm	54 ppm
K ₂ O	576 ppm	438 ppm
TiO ₂	2,333 ppm	1,177 ppm
Cr ₂ O ₃	20 ppm	27 ppm
MnO	44 ppm	20 ppm
Cu	16 ppm	25 ppm
Ni	21 ppm	34 ppm

RECEIVED

JUN 4 1980

REMARKS: Analysis was performed after samples were dried at 100°C.

LANE MOUNTAIN (SAND) MAY 15/80

STARTED WITH 100 GRAMS

20 MESH	0	GRAMS RETAINED	0%
40 MESH	0	GRAMS RETAINED	0%
100 MESH	89.61	GRAMS RETAINED	89.61%
PAN	<u>10.34</u>	GRAMS RETAINED	<u>10.34%</u>
TOTAL	99.95		99.95%

150 GRAMS
(MAY 15/80)

SENT TO - CORE LABS FOR -
- BEARING MINERAL
(MAY 15/80)

SiO₂
Fe₂O₃ (PPM)
Al₂O₃ (PPM)
CaO (PPM)
MgO (PPM)
Na₂O (PPM)
K₂O (PPM)
TiO₂ (PPM)
Cr₂O₃ (PPM)
MnO (PPM)
Cu (PPM)
Ni (PPM)
LOSE ON IGNITION
AT 800°C.