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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LAW 1-2 CLAIMS

ALTERNATE NAMES:
FREEZE TAIL

MARICOPA COUNTY MILS NUMBER: 118

LOCATION: TOWNSHIP 4 N RANGE 10 W SECTION 17 QUARTER NW
LATITUDE: N 33DEG 41MIN 33SEC LONGITUDE: W 113DEG 18MIN 20SEC
TOPO MAP NAME: LONE MOUNTAIN - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
STONE MARBLE DM
CALCIUM MARBLE

BIBLIOGRAPHY:
USGS LONE MOUNTAIN QUAD
ADMMR INDUSTRIAL MINERALS REPORT P 38
ADMMR LAW 1-2 CLAIMS FILE

03/04/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

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COMMODITY:

STONE-(M) MARBLE DM-PRIMARY

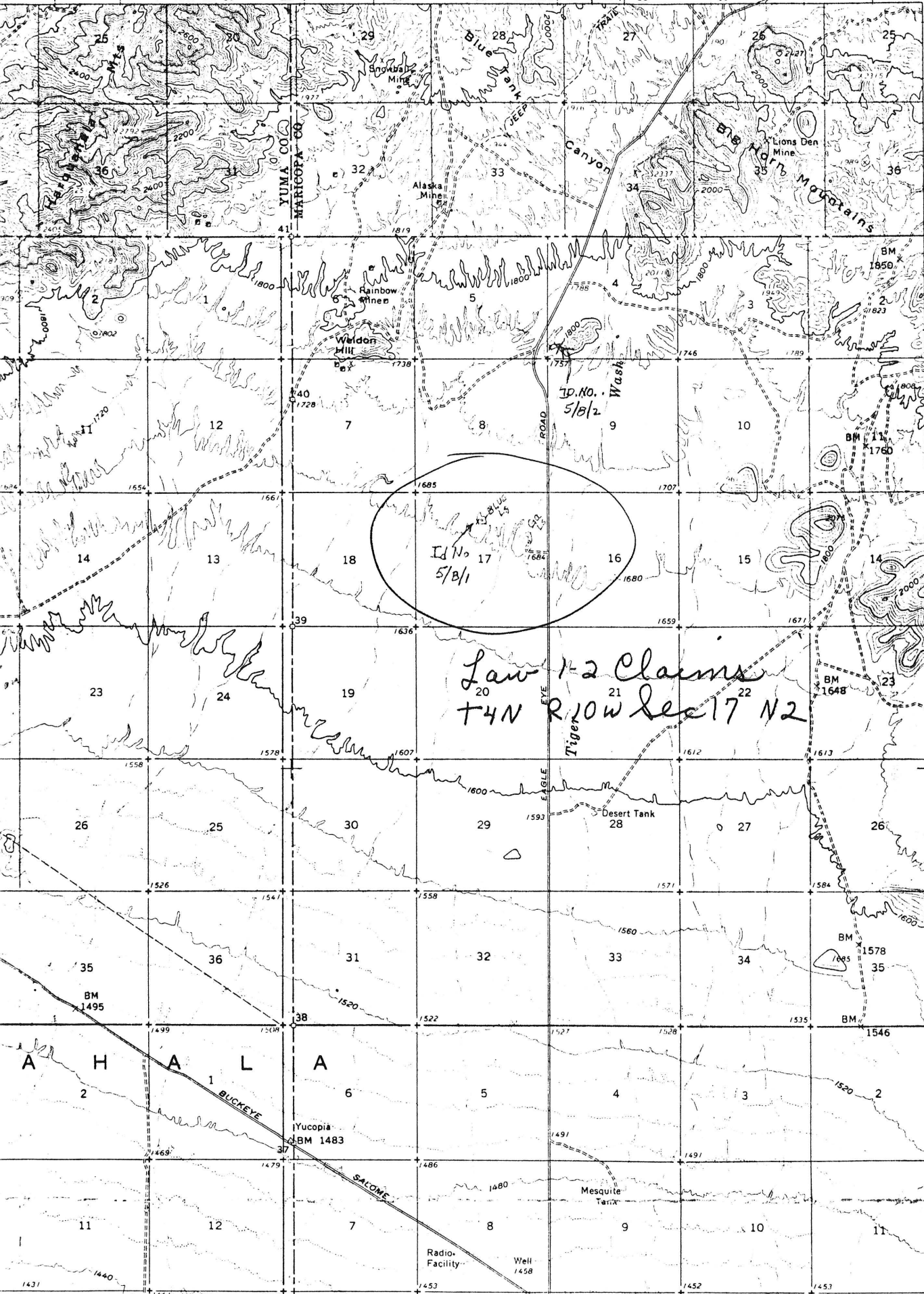
BIBLIOGRAPHY:

USGS LONE MOUNTAIN QUAD
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ADMMR LAW 1-2 CLAIMS FILE

LONE MOUNTA QUADRANGLE
ARIZONA
15 MINUTE SERIES (TOPOGRAPHIC)

3351
(AGUILA)

R. 11 W. R. 10 W. 283 20' 285 286 640 000 FEET (WEST) 288 289 AGUILA 16 MI. 291 113° 15' 33° 45'



3736
3735
T. 5 N.
T. 4 N.
990 000 FEET
(WEST)
3733
3732
3731
3730
3729
3728
40'
3727
3726
T. 4 N.
T. 3 N.
3724
3722
3721

4.1

Id No 5/B/1

Law 1-2 Claims
T4N R10W Sec 17 N2

A H A L A

BUCKEYE

SALOME

(BIG HORN MTS.)
3351 N

LAW 1-2 CLAIMS

MARICOPA COUNTY

KAP WR 2/7/86: In the company of Ann Turney, Diane Bain and Susie Kile of the ADMMR and Tim Whitney of Murco Wall Products, visited the Law 1-2 Claims (file), Maricopa County. The purpose was to teach Mr. Whitney how to locate and plat lode mining claims. He has located two claims named Freeze Tail #1 and #2 on the limestone deposit. Some samples of dendrites on limestone and of rhodonite or possibly rhodocrosite were also collected for the Mineral Museum.

NJN WR 1/30/87: Tim Whitney (c) of Murco Wall Products (c) requested a list of mining contractors. He needs one to produce 7,000 tons of limestone from his Law 1-2 Claims (file) Maricopa County. The limestone is being sold to the Palo Verde Nuclear Generating Plant.

KAP WR 6/12/87: In a field interview with Tim Whitney, Murco Wall Products, he reported that the plan to mine and sell limestone from the Freeze Tail Claims (see Law Claims) Maricopa County, did not develop. The Plan was to use the limestone as rip-rap in some portion of the Palo Verde Nuclear Generating Station.

KAP WR 4/8/88: Tim Whitney, Murco Wall Products, Buckeye, Arizona reported they are continuing to test limestone from their Freeze Tail Claims (Law Claims - file) Maricopa County for a variety of purposes.

SUBJECT: Field Visit, Law 1-2 Claims

DATE: January 31, 1986

Engineer: Ken Phillips

In the company of Tim Whitney of Murco Wall Products of Buckeye a visit was made to the Law 1-2 Claims (file) in Maricopa County. Samples were taken by Mr. Whitney for testing to determine if the limestone could be ground to make white filler for wall board products. This deposit is made up of two small limestone hills or buttes that project upwards as much as 80 feet above the alluvial cover south of the Big Horn Mountains and Harquahala Mountains. The east hill has been developed for limestone on the east face and on the northwest face. Limestone makes up the entire upper 20 - 30 feet of the hill and most of the northeast side. The limestone is in contact below with schist which locally contains quartz stringers some limestone lenses. The cut in the northwest face is in white to gray limestone and also exposes a 6 foot wide altered diabase dike cutting the limestone. The cut in the east face is in a bluish white limestone to partially marbled limestone. A small amount of rhodonite is exposed in the bottom of the cut on the east face. A sample has been tested in the Mineral Museum's shop and it will take a fair polish. It may be usable as gemstone material. The west hill has been developed by two large cuts from which limestone has been produced. One is on the southeast side of the hill and the other is on the west side. The limestone in this hill outcrops as in Norm Eastmore's report of May 8, 1981. The predominant limestone is a dark gray in color and its color when ground is questionable. The southeast pit is approximately 20 feet wide, goes about 40 feet into the hill and the face is about 20 feet high; it trends NW into the hill. The west pit is 15 feet wide, goes 60 feet into the hill and the face is about 25 feet high; it trends east into the hill. The face of west pit exposes a highly altered intrusive (?) contemporaneous with the limestone.

Sheet 2 of 2

VIII. GEOLOGY AND MINERALOGY: DEPOSIT TYPE:

LENGTH: WIDTH: STRIKE: DIP:

HOST ROCK:

ECONOMIC MINERALS: Silicons marble

COMMENTS: West pit on west hill has developed bench in east dipping-
North-South striking high by altered sill separating beds of blue gray
limestone.

IX. EQUIPMENT ON SIGHT: None

X. SAMPLING: NOTE TYPE IF ANY, DRILLING?

XI. REFERENCES AND REMARKS:

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Law 1-2 Claims

Date January 5, 1962

District Big Horn, Maricopa County

Engineer LEWIS A. SMITH

Subject: Interview with Ralph Law, Box 51, Aguila (owner).

Claims: 2

LOCATION: S 17, T. 4 N., R. 10 W. (22 miles by road from Aguila).

Mineral: Limestone and marble.

Work: Location trenches and one 6 x 6 x 8 pit.

Geology: The claims cover a small limestone butte which projects upward as much as 40 feet above the gravel cover on a mountain pediment. The material because of its peculiar shape is useful for ornamental purposes. The parts which have been marbled are not in important quantity as now developed.

LAW CLAIMS
(file)
MARICOPA Co.

CLAIMS LOCATED BY
TIM WHITNEY
JAN 1986

MAP OF FREEZE TAIL #1



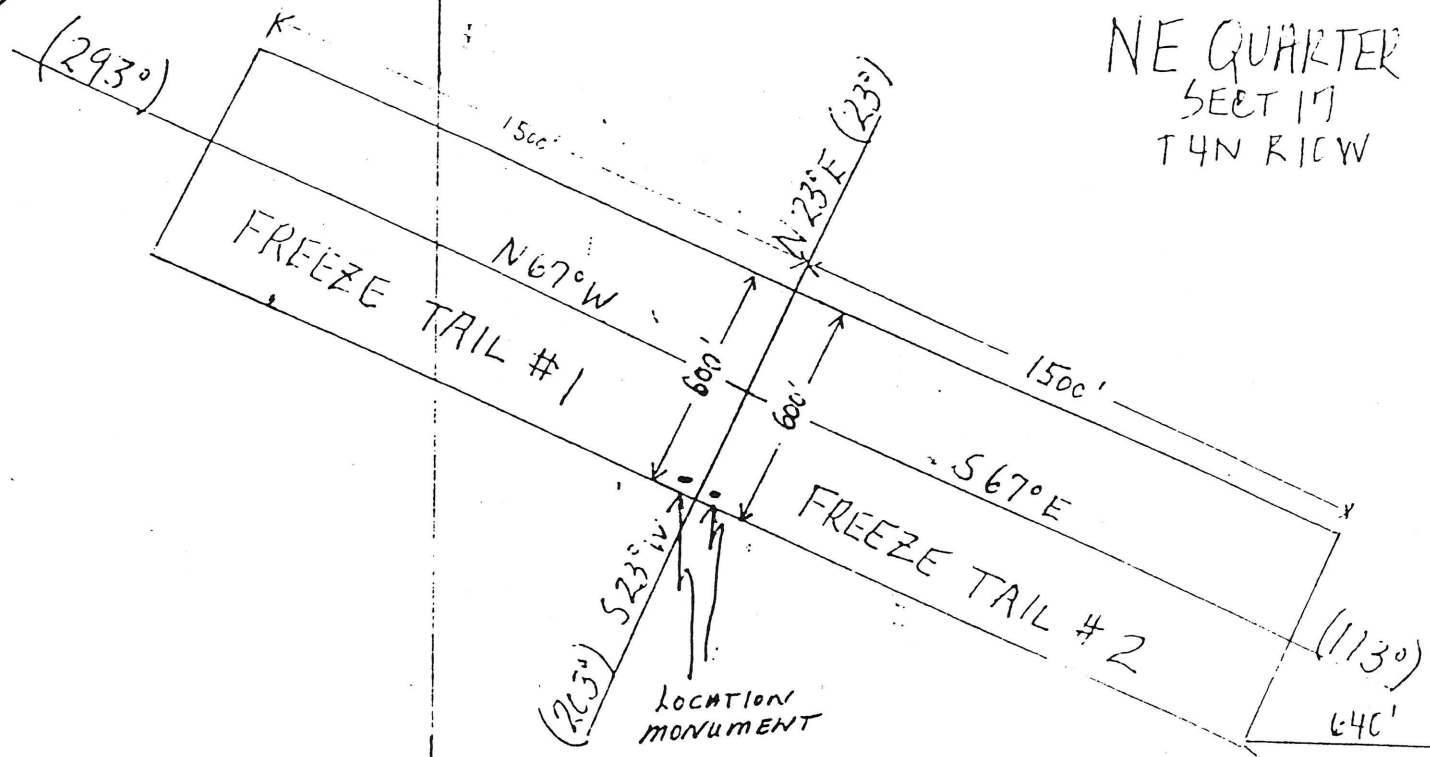
SECT. 8
T4N R10W

SECT. 9
T4N R10W

SECT. 16
T4N R10W

NW QUARTER
SECT. 17
T4N R10W

NE QUARTER
SECT. 17
T4N R10W



SW QUARTER
SECT. 17
T4N R10W

SE QUARTER
SECT. 17
T4N R10W

413'

QUARTER COR
COMMON TO
SECTIONS 1
+ 16 T4N R10W

LAW 1-2 CLAIMS
SEC. 17, TOWN 4N., RAN. 10W.
MARICOPA, COUNTY

REFERENCE: ARIZONA DEPT. OF MINERAL RESOURCES
LAW 1-2 CLAIMS (FILE)

PRESENT OWNER:

MINERALS: LIMESTONE AND MARBLE

HISTORY OF THE AREA:

IN 1962 THE PROPERTY WAS OWNED BY RALPH LAW, OF AGUILA, AZ. SOME LOCATION
TRENCHES AND A SMALL PIT WERE DUG.

GEOLOGY OF THE AREA

THE CLAIMS COVER A SMALL LIMESTONE BUTTE, WHICH PROJECTS ABOUT 40 FEET
ABOVE THE GRAVEL (GRUS).

THE PROPERTY CONSISTS OF 2 CLAIMS.

COMMODITIES Limestone Quarry

ID NO. 5/9/1

DATE 5/9/8

PROPERTY SUMMARY

I. MINE NAME: UNKNOWN AKA; _____
AKA; _____ AKA; _____
AKA; _____ AKA; _____

II. LOCATION: T 4N R 10W Sec(s) N 1/4 SEC 17 UTM; ON LONE MT. TOP PLANT
ELEV.; 1500' DIST.; 3/4 MILE STATE; AR CO.; MAHON
DIRECTIONS; LAT. 33° 41.6' N
LONG. 113° 18.5' W
Map Attached / /

III. OWNERSHIP: Name; UNKNOWN Phone; _____
Address: _____
Date of Information; _____
DBA; _____ Title Report Attached / /

IV. PROPERTY: UNKNOWN
STATUS; PARTIALLY DEVELOPED
Date of Property Status; _____ Map Attached / /

V. HISTORY: First Located; _____ Operated; _____
Remarks; _____
Report(s) Attached / /

VI. PAST PRODUCTION: EST 1500-2000 TONS RECOVERED FROM 2 1/2
Schedule(s) Attached / /

VII. WORKINGS: QUARRY CUT DRIVEN ON STRIKE OF 30' THICK DENSE BLUE LIMESTONE
QUARRY SOME 60' LONG, 12-25' WIDE W/ 25' HIGH WALLS WEST END. QUARRY
SOME 50,000 FT³ LIMESTONE EXCAVATED.
Map Attached / /

VIII. GEOLOGY: Deposit Type; DENSE BLUE LIMESTONE Vein Strike; N 24° W
Distance; OUTCROP LENGTH ABOUT 500' Width; 60'-70' Dip; NE 23° Age; _____
Host Rock; SAME Age; _____ Ore _____
Control ISOLATED TILTED FAULT BLOCK SURROUNDED BY ALUVIUM
Existing Report(s) Attached / / Report Based on New Examination Attached / /

IX. MINEROLOGY: Economic Minerals; BLUE LIMESTONE W/ MINOR CALCITE & SILICA FRACTURE FILL
Gossan Minerals; SOME SP. OF QUARTZ, QUITE PURE (MICROSCOPIC EST.)
Alteration; NONE VISIBLE TO EYE
Gangue; _____
Petrographic Study; _____ Report(s) Attached / /

X. METALLURGY: _____ Report(s) Attached / /
Method of Determination; _____ Metallurgical Reports Attached / /
Remarks; _____

XI. SAMPLE DATA: _____ Sampling Technique; _____

Samples Taken By; _____ Number of Samples; _____
Date; _____ Assay Report(s)/Maps Attached / /
Drilling; _____ Type; _____ Total Footage; _____
When Drilled; _____ Drilling/Report Attached / /

XII. GEOCHEMISTRY: _____ Type; _____ Type Anomalies; _____
Report(s)/Map(s) Attached / /

XIII. GEOPHYSICS: _____ Type; _____
Anomalies; _____
Report(s)/Map(s) Attached / /

* THE HILL LYING TO THE EAST SHOWN IN THE NE 1/4 SEC. 17 ON THE TOP MAP ABOUT 1/2 MI. WEST OF EAGLE EYE ROAD - ALSO EXPOSES A LIMESTONE SECTION W/ SAME ATTITUDE. BUT THIS LS. IS GRAY (WEATHERING LT. TAN) AND APPEARS TO BE EQUIVALENT TO THE GA LS @ THE BASE OF THE BLUE LS ON THE WEST LS. HILL OF THIS REPORT. THE GA LS. OF THE EASTERN LS. HILL HAS ALSO BEEN OPENED BY SURFACE & SOME INDICATED SHALLOW DRILLING. THE GA LS IS INTRODUCED BY BY DIABASE DIKES? IS QUITE SILICIOUS, WITH SOME QUARTZ SPORADIC & W/ MAFIC IZ. E. & S. PL. ZONE CONTACT.

XIV. AERIAL PHOTOGRAPHY: _____ Photo Attached / /

XV. RESERVES: Proven; _____ Calculations Attached / / Probable; _____
Calculations Attached / / Possible; ^{TONS OF SIM. LS.} 200,000 - 300,000 Calculations Attached / /
Total; _____ Calculations Attached / / Potential; _____
Calculations Attached / /

XVI. ECONOMICS: Mine Life; _____ Yrs. Annual Production; _____
Capital Outlay; _____ Time; _____
Operating Cost; _____ /Yr. _____
Gross Annual Income; _____ DCF/ROI; _____
Metal Prices Used; _____
Sensitives; _____ Report(s) Attached / /

XVII. REFERENCES:

Author; _____ Title; _____
Date; _____ Abstracted By; _____ Date; _____
Status; _____
Remarks; _____

Author; _____ Title; _____
Date; _____ Abstracted By; _____ Date; _____
Status; _____
Remarks; _____

Author; _____ Title; _____
Date; _____ Abstracted By; _____ Date; _____
Status; _____
Remarks; _____

XVIII. REMARKS:

Signed
Norman Eastman, Jr.
5/3/81

NOTE: THE PROSPECT SYMBOL SHOWN ON THE TOPO MAP @ THE SW CORNER OF THIS SAME HILL
OPENS A BEDDED SILL OF Lt. GREENISH GRAY ALTERED INTRUSIVE? (OR BEDDED?) IGNEOUS? RX
NOT IDENTIFIED IN THE FIELD.