Sicil: 200704213 (ER:3137103) Numaralı

II-A Grup Ruhsat Sahasına Ait

UMREK- 2023 Kodlu Değerlendirme Raporu Ekleri

Cilt 2

VİŞNE MADENCİLİK ÜRETİM SANAYİ VE TİC. A. Ş.

MİTUS ARAMA

Mustafa Kemal Mahallesi 2131. Cadde Aslanlar Plaza
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UMREK- 2023 Kodlu Değerlendirme Raporu Ekleri

VİŞNE MADENCİLİK ÜRETİM SANAYİ VE TİC. A.Ş.

için hazırlanmıştır.

MİTUS ARAMA

MİTUS ARAMA

1:5000 ÖLÇEKLİ YARI DETAY MADEN JEOLOJİ HARİTASI

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735000 735500 736000 736500 737000

4087000 4086500 4086000 4085500

A

A'

ORMAN İZİN ALANI 1

İŞLETME İZİN ALANI

ORMAN İZİN ALANI 2

56

21

38

Ölçek : 1:5.000

0 0,125 0,25 0,5 0,75 1 km

K

525

450

Mzb

Tema

Mzo

Mzç

G

A - A' KESİTİ

MİTUS ARAMA

Harita Türü : JEOLOJİ HARİTASI

RUHSAT SAHİBİ : VİŞNE MADENCİLİK ÜRETİM SAN.ve TİC.LTD.ŞTİ.

İL : ADANA
İLÇE : CEYHAN
MAHALLE/KÖY : GÜNDOĞAN
SİCİL : 200704213
ER : 3137103
MADEN GRUBU : II Grup
PAFTA : O35-a2
TARİH : Kasım, 2023
PROJEKSİYON : UTM 6 DEC ED-50 TURKEY/Zone:36
PROJE ADI : UMREK 2023 KODLU DEĞERLENDİRME RAPORU

HARİTA BİRİMLERİNİN AÇIKLAMASI

Qaly	Alüvyon
Mzb	Mesozoyik yaşlı kireçtaşı blokları
Mzo	Çörtlü kireçtaşı blokları
Mzç	Sparitik kireçtaşı blokları Oolitik kireçtaşı blokları
Tema	Andırın Formasyonu : Çoğunlukla serpantinitlerden oluşmuş moloz akması

HARİTA BİRİMLERİNİN KORELASYONU

ÖRTÜ BİRİMLERİ

KUVATERNER — Qaly

MİSİS İSTİFİ

ÜST EOSEN - ALT MİYOSEN — Mzb, Mzo, Mzç, Tema

İŞARETLER

- Ruhsat Alanı
- İşletme Ruhsatı
- İşletme izin alanı
- Orman izin alanı 1
- Orman izin alanı 2
- Stablize yol
- Fay
- Sulu dere
- Kuru dere

Coordinate System: ED 1950 UTM Zone 36N
Projection: Transverse Mercator
Datum: European 1950
False Easting: 500.000,0000
False Northing: 0,0000
Central Meridian: 33,0000
Scale Factor: 0,9996
Latitude Of Origin: 0,0000
Units: Meter

MİTUS ARAMA

Çizen	Kontrol Eden
Jeo.Müh. Mehmet Avni TAPTIK Jeo.Müh.Fatih ARIFIKIR	Jeo.Yük.Müh. Deniz GÖÇ

MİTUS ARAMA

SONDAJ LOGLARI

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MİTUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK 2

MİTUS ARAMA VE PROJE AŞ.

PROJE ADI : (Project Name)	ER3137103_Vişne Madencilik	**SONDAJ KOTU :** (Borehole Elevation)	327.1	**KUYU ADI** (Borehole Name)	**ADD-1**
ER NO :	3137103	**SONDAJ DERİNLİĞİ :** (Borehole Depth)	100	**BAŞLAMA TARİHİ :** (Starting Date)	6.11.2023
LOKASYON : (Location)	Adana/ Ceyhan (Gündoğan)	**EĞİM :** (Dip)	90	**BİTİŞ TARİHİ :** (Ending Date)	8.11.2023
MADENİN CİNSİ : (Type of Ore)	Kalker	**EĞİM YÖNÜ :** (Dip direction)	0	**LOG ÖLÇEĞİ :** (Log Scale)	1/100

KOOR. SİSTEMİ : ED-50_Zon36 (Coordinate System)

X (KUZEY) : 736542 (X-Northing)

Y (DOĞU) : 4086879 (Y-Easting)

Derinlik (m) Depth (m)	Kerot Çap. Core Diameter	Kerot Boyu Core Length (m)	Kerot Boyu Run Length (m)	Kerot Boyu Core Length (m)	Kerot TCR (%) Total Core Recovery	RQD (%) Rock Quality Desc	LİTOLOJİ Lithology	TANIMLAMA Description
0								
1	HQ	0.5	0.50		100.0	30.0		(0.5.100.0) Limestone: Bej renkli ve, yer yer açık gri renkli, matıf, sert, sıkı dokulu, intrakastitdir. Tabakalanmayı ağsal şekilde kesen çatlakları mevcut ve 1-2 mm kalınlığında grimsi kalsit dolgusu vardır. Bu kesitlerde kalsit dolgusu 5-7 cm bulmaktadır. Ayrışmış kırık yüzeylerinde demir oksit gözlenmekte olup kırıklarlık kalsit dolgularda ayrışmaktadır. Oldukça sert, beyaz renkli ve 6 – 7 mm'dir. Çatlak aralıkları ortalama 1- 2 mm dir. Yer yer küçük erime boşlukludur.
2	HQ	1.5	1.50		100.0	93.3		
3	HQ	3	3.00		100.0	86.7		
4	HQ	1	1.00		100.0	90.0		
5	HQ	2	2.00		100.0	96.0		
6	HQ	1	1.00		100.0	47.0		
7	HQ	0.6	0.60		100.0	100.0		
8	HQ	1.4	1.40		100.0	81.4		
9	HQ	3	3.00		100.0	97.3		
10	HQ	3	3.00		100.0	98.0		
11	HQ	3	3.00		100.0	91.0		
12	HQ	2.8	3.00		93.3	83.0		
13	HQ	2.3	2.30	2.59	100.0	90.9		
14	HQ	0.7	0.70		100.0	100.0		
15	HQ	2.1	3.00		70.0	70.0		
16	HQ	2.8	3.00		93.3	89.0		
17	HQ	3	3.00		100.0	95.0		
18	HQ	3	3.00	2.57	100.0	95.0		
19	HQ	2.95	3.00		98.3	85.0		
20	HQ	2.9	3.00		96.7	86.0		
21	HQ	2.8	2.80		100.0	92.1		
22	HQ	2.8	2.80		100.0	92.9		
23	HQ	2.8	2.80		100.0	92.9		
24	HQ	2.8	2.80		100.0	96.1		
25	HQ	2.8	2.80		100.0	93.9		
26	HQ	2.8	2.80	2.53	100.0	91.1		
27	HQ	2.8	2.80		100.0	93.9		
28	HQ	2.8	2.80		100.0	90.0		
29	HQ	2.8	2.80		100.0	87.9		
30	HQ	2.8	2.80		100.0	90.0		
31	HQ	2.8	2.80		100.0	96.1		
32	HQ	2.8	2.80		100.0	95.0		
33	HQ	2.8	2.80		100.0	97.1		
34	HQ	2.8	2.80		100.0	93.9		
35	HQ	2.8	2.80		100.0	96.1		
36	HQ	2.8	2.80		100.0	95.0		
37	HQ	2.8	2.80		100.0	92.9		
38	HQ	2.8	2.80		100.0	88.9		
39	HQ	2.8	2.80		100.0	95.0		
40	HQ	2.8	2.80		100.0	92.9		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) Depth (m)	Numune No Sample No	Tanımlama Description
18.65-18.80	17501	Pet: Biyo-klastlı mikritik kireçtaşı
40.60-40.70	17502	Pet: Mikritik kireçtaşı
53.30-53.35	17503	Pet: Monojenik mikrobreş (yakın mesafeden taşınmış ini kalsit kristalleri içeren kayaç parçaları) ve mikritik bir matriks ile tutturulmasıyla oluşan kayaç).
74.45-74.60	17504	Pet: Kataklazmaya uğramış mikritik kireçtaşı.
99.10-99.20	17505	Pet: Biyo-klastlı mikritik kireçtaşı

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) Depth (m)	Numune No Sample No	Al_2O_3 %	CaO %	SiO_2 %	Fe_2P_2 %	MnO%	Cr_2P_2 %	MgO%	TiO_2%	K_2%
0										
1	17201	0.07	56.01	0.19	0.03	<0.01	<0.01	0.11	<0.01	43.54
2	17202	0.15	55.91	0.45	0.07	<0.01	<0.01	0.36	0.01	42.9
3	17203	0.06	55.78	0.16	0.03	<0.01	<0.01	0.31	<0.01	43.5
4	17204	0.06	55.72	0.13	0.02	<0.01	<0.01	0.26	<0.01	43.7
5	17205	0.05	55.73	0.11	0.02	<0.01	<0.01	0.27	<0.01	43.68
6	17206	0.1	55.85	0.16	0.02	<0.01	<0.01	0.29	<0.01	43.5
7	17207	0.03	56.02	0.05	0.01	<0.01	<0.01	0.13	<0.01	43.68
8	17208	<0.01	56.01	0.07	0.01	<0.01	<0.01	0.23	<0.01	43.55
9	17209	0.06	55.85	0.15	0.03	<0.01	<0.01	0.2	<0.01	43.6
10	17210	0.02	56.01	0.07	<0.01	<0.01	<0.01	0.1	<0.01	43.74
11	17211	<0.01	55.94	0.06	0.01	<0.01	<0.01	0.22	<0.01	43.68
12	17212	<0.01	56.03	0.05	<0.01	<0.01	<0.01	0.13	<0.01	43.7
13	17213	<0.01	55.7	0.04	0.01	<0.01	<0.01	0.2	<0.01	43.9
14	17214	0.01	56.02	0.04	<0.01	<0.01	<0.01	0.19	<0.01	43.65
15	17215	0.01	56.01	0.03	<0.01	<0.01	<0.01	0.16	<0.01	43.7
16	17216	0.04	55.91	0.11	0.02	<0.01	<0.01	0.26	<0.01	43.53
17	17217	<0.01	55.83	0.06	0.01	<0.01	<0.01	0.24	<0.01	43.75
18	17218	0.06	56.02	0.08	0.02	<0.01	<0.01	0.44	<0.01	43.26
19	17219	<0.01	55.97	0.04	0.01	<0.01	<0.01	0.21	<0.01	43.7
20	17220	<0.01	56.01	0.04	<0.01	<0.01	<0.01	0.21	<0.01	43.61
21	17221	0.04	56.02	0.05	<0.01	<0.01	<0.01	0.29	<0.01	43.44
22	17222	0.02	55.87	0.04	<0.01	<0.01	<0.01	0.17	<0.01	43.77
23	17223	0.03	55.91	0.04	<0.01	<0.01	<0.01	0.19	<0.01	43.7
24	17224	<0.01	55.55	0.04	<0.01	<0.01	<0.01	0.31	<0.01	43.98
25	17225	<0.01	55.71	0.04	<0.01	<0.01	<0.01	0.25	<0.01	43.88
26	17226	<0.01	56.02	0.05	0.01	<0.01	<0.01	0.24	<0.01	43.83
27	17227	<0.01	56	0.03	0.01	<0.01	<0.01	0.25	<0.01	43.9
28	17228	<0.01	56.01	0.06	0.02	<0.01	<0.01	0.23	<0.01	43.58
29	17229	0.06	55.49	0.12	0.04	<0.01	<0.01	0.28	<0.01	43.88
30	17230	0.15	56.02	0.26	0.05	<0.01	<0.01	0.26	<0.01	43.1
31	17231	0.2	55.74	0.48	0.08	<0.01	<0.01	0.44	<0.01	42.82
32	17232	0.05	56.02	0.17	0.03	<0.01	<0.01	0.33	<0.01	43.24
33	17233	0.07	56.02	0.18	0.03	<0.01	<0.01	0.33	<0.01	43.21
34	17234	0.06	56.01	0.16	0.02	<0.01	<0.01	0.39	<0.01	43.19
35	17235	0.14	55.7	0.3	0.04	<0.01	<0.01	0.54	0.01	42.96
36	17236	0.09	56.02	0.19	0.03	<0.01	<0.01	0.33	<0.01	43.17
37	17237	0.06	56.02	0.14	0.04	<0.01	<0.01	0.31	<0.01	43.27
38	17238	0.07	56.02	0.16	0.05	<0.01	<0.01	0.35	<0.01	43.18
39	17239	0.09	55.95	0.19	0.05	<0.01	<0.01	0.42	<0.01	43.1
40	17240	0.12	55.11	0.3	0.05	<0.01	<0.01	0.41	<0.01	43.78
41	17241	0.12	56	0.36	0.05	<0.01	<0.01	0.36	<0.01	42.9
42	17242	0.09	56.01	0.18	0.03	<0.01	<0.01	0.24	<0.01	43.29
43	17243	0.13	55.83	0.33	0.05	<0.01	<0.01	0.47	<0.01	42.94
44	17244	0.23	55.87	0.47	0.07	<0.01	<0.01	0.32	0.02	42.79
45	17245	0.06	56.02	0.12	0.02	<0.01	<0.01	0.33	<0.01	43.29
46	17246	0.09	55.12	0.22	0.05	<0.01	<0.01	0.4	<0.01	43.9
47	17247	0.07	55.93	0.19	0.04	<0.01	<0.01	0.44	<0.01	43.1
48	17248	0.17	55.75	0.36	0.05	<0.01	<0.01	0.57	0.01	42.84
49	17249	0.14	55.84	0.33	0.05	<0.01	<0.01	0.41	0.01	42.97
50	17250	0.17	55.91	0.38	0.05	<0.01	<0.01	0.45	<0.01	42.75
51	17251	0.08	56.01	0.14	0.02	<0.01	<0.01	0.23	<0.01	43.39
52	17252	0.24	55.77	0.53	0.07	<0.01	<0.01	0.43	<0.01	42.67
53	17253	0.13	56.01	0.3	0.06	<0.01	<0.01	0.46	<0.01	42.8
54	17254	0.15	55.98	0.29	0.05	<0.01	<0.01	0.42	<0.01	42.86
55	17601	0.09	55.97	0.18	0.04	<0.01	<0.01	0.4	<0.01	43.4
56	17602	0.05	56.02	0.13	0.03	<0.01	<0.01	0.3	<0.01	43.32
57	17603	0.04	56.02	0.1	0.02	<0.01	<0.01	0.34	<0.01	43.34
58	17604	0.15	55.36	0.22	0.03	<0.01	<0.01	0.38	<0.01	43.65
59	17605	0.04	56.02	0.09	0.01	<0.01	<0.01	0.2	<0.01	43.54
60	17606	0.06	55.77	0.13	0.02	<0.01	<0.01	0.33	<0.01	43.5
61	17607	0.07	55.41	0.14	0.04	<0.01	<0.01	0.28	<0.01	43.78
62	17608	0.04	55.39	0.1	0.04	<0.01	<0.01	0.37	<0.01	43.89
63	17609	0.08	55.21	0.22	0.05	<0.01	<0.01	0.39	0.01	43.8
64	17610	0.12	55.36	0.22	0.04	<0.01	<0.01	0.37	<0.01	43.7
65	17611	0.17	55.17	0.32	0.06	<0.01	<0.01	0.4	<0.01	43.67
66	17612	0.1	56.01	0.26	0.05	<0.01	<0.01	0.41	<0.01	42.96
67	17613	0.22	56.02	0.54	0.09	<0.01	<0.01	0.41	0.01	42.35
68	17614	0.07	56.02	0.15	0.03	<0.01	<0.01	0.27	<0.01	43.29
69	17615	0.06	56.01	0.11	0.03	<0.01	<0.01	0.39	<0.01	43.22
70	17616	0.07	56.02	0.14	0.03	<0.01	<0.01	0.32	<0.01	43.26
71	17617	0.08	56.02	0.11	0.03	<0.01	<0.01	0.31	<0.01	43.3
72	17618	0.07	55.43	0.16	0.03	<0.01	<0.01	0.42	<0.01	43.7
73	17619	0.07	55.49	0.19	0.03	<0.01	<0.01	0.4	<0.01	43.6
74	17620	0.07	56.02	0.17	0.02	<0.01	<0.01	0.3	<0.01	43.26
75	17621	0.12	55.86	0.22	0.04	<0.01	<0.01	0.42	<0.01	43.1
76	17622	0.13	56	0.3	0.05	<0.01	<0.01	0.45	<0.01	42.8
77	17623	0.13	55.93	0.31	0.11	<0.01	<0.01	0.42	<0.01	42.8
78	17624	0.07	55.99	0.14	0.03	<0.01	<0.01	0.39	<0.01	43.21
79	17625	0.03	55.87	0.09	0.02	<0.01	<0.01	0.34	<0.01	43.48
80	17626	0.07	55.37	0.11	0.03	<0.01	<0.01	0.34	<0.01	43.63
81	17627	0.04	55.54	0.09	0.02	<0.01	<0.01	0.38	<0.01	43.75
82	17628	0.05	55.97	0.16	0.03	<0.01	<0.01	0.39	<0.01	43.21
83	17629	0.02	56.03	0.05	<0.01	<0.01	<0.01	0.22	<0.01	43.59
84	17630	0.06	55.71	0.1	0.02	<0.01	<0.01	0.37	<0.01	43.57
85	17631	0.05	55.95	0.11	0.02	<0.01	<0.01	0.34	<0.01	43.58
86	17632	0.07	55.56	0.14	0.02	<0.01	<0.01	0.4	<0.01	43.65
87	17633	0.04	55.79	0.14	0.02	<0.01	<0.01	0.44	<0.01	43.39
88	17634	0.02	56.01	0.06	<0.01	<0.01	<0.01	0.18	<0.01	43.65
89	17635	0.08	55.6	0.19	0.03	<0.01	<0.01	0.43	<0.01	43.5
90	17636	0.05	56.02	0.25	0.02	<0.01	<0.01	0.2	<0.01	43.35
91	17637	0.11	55.18	0.23	0.03	<0.01	<0.01	0.39	<0.01	43.9
92	17638	0.09	55.92	0.2	0.02	<0.01	<0.01	0.43	<0.01	43.15
93	17639	0.07	55.53	0.17	0.02	<0.01	<0.01	0.35	<0.01	43.69
94	17640	0.07	55.41	0.12	0.02	<0.01	<0.01	0.34	<0.01	43.87
95	17641	0.04	56.03	0.09	0.01	<0.01	<0.01	0.2	<0.01	43.52
96	17642	0.07	55.95	0.19	0.03	<0.01	<0.01	0.36	<0.01	43.2
97	17643	0.06	55.78	0.12	0.03	<0.01	<0.01	0.35	<0.01	43.47
98	17644	0.07	55.78	0.13	0.04	<0.01	<0.01	0.32	<0.01	43.45
99	17645	0.03	56.02	0.06	0.01	<0.01	<0.01	0.13	<0.01	43.87
100	17646	0.18	55.32	0.35	0.05	<0.01	<0.01	0.31	<0.01	43.38

TARİH : *Date*	7.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** 315.9 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADD-2**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 100.0 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 9.11.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Syrtytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 12.11.2023 *(Ending Date)*	**X (KUZEY) :** 736619 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086931 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu (m) *Recovered Length (m)*	Yoğunluk (gr/cm³) ρ *Density (gr/cm³) ρ*	Karot TCR (%) *TCR (%)*	RQD (%) *RQD (%)*	Arazi Notları *Field Notes*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0									(0.0-100.0) Limestone: Bej renkli, masif, sitsiz çatlaklı, yer yer erime boşluklu, kalsitik damarlı. 1-8 cm kalınlığında kalsit dolgulu (30.00-35.00 m. ve 60.00-65.00 m. arasında ayrılmalıdır). sizmik/dilleri yer yer eksiltlenmiş ve yer yer kalsitik damarlarla kesilir. veriniz ve paralelidir.
1	HQ	0.90	2.00		45.0	33.0			
2	HQ	2.30	2.90	2.37	79.3	77.6			
3	HQ	2.90	2.90		100.0	93			
4	HQ	2.80	2.90	2.68	96.5	87.0			
5	HQ	2.90	2.90		100.0	94.5			
6	HQ	2.90	2.90	2.38	100.0	96.5			
7	HQ	2.90	2.90		100.0	93			
8	HQ	2.90	2.90	2.32	100.0	94.1			
9	HQ	2.90	2.90		100.0	94.0			
10	HQ	2.70	2.90	2.62	93.1	89.6			
11	HQ	2.90	2.90		100.0	93.1			
12	HQ	2.90	2.90	2.38	100.0	94.1			
13	HQ	2.90	2.90		100.0	97.6			
14	HQ	2.90	2.90	2.52	100.0	93.1			
15	HQ	2.90	2.90	2.43	96.5	93.1			
16	HQ	2.90	2.90		100.0	91.0			
17	HQ	2.90	2.90	2.37	96.5	95.5			
18	HQ	2.90	2.90		100.0	95.0			
19	HQ	2.90	2.90	2.44	100.0	85.0			
20	HQ	2.90	2.90		100.0	93.1			
21	HQ	2.90	2.90	2.66	100.0	93.1			
22	HQ	2.80	2.90	2.35	96.5	84.1			
23	HQ	2.90	2.90		100.0	85.0			
24	HQ	2.85	2.90	2.50	96.3	96.0			
25	HQ	2.90	2.90		100.0	93.1			
26	HQ	2.80	2.90	2.58	100.0	95.0			
27	HQ	2.90	2.90		100.0	96.9			
28	HQ	2.90	2.90	2.66	100.0	95.0			
29	HQ	2.75	2.90		94.8	97.6			
30	HQ	2.90	2.90	2.53	100.0	95.0			
31	HQ	2.75	2.90		94.8	97.6			
32	HQ	2.85	2.90	2.50	96.3	96.0			
33	HQ	2.90	2.90		100.0	96.6			
34	HQ	2.90	2.90	2.68	100.0	97.0			
35	HQ	2.90	2.90		100.0	97.0			
36	HQ	2.90	2.90	2.68	100.0	97.0			
37	HQ	2.30	2.30		100.0	97.0			

Derinlik (m) *Depth (m)*	Numune No. *Sample No*	Tanımlama *Description*
20.70-21.00	17506	Pat: Kırıntılı tüyo-mikritik kireçtaşı
63.55-63.70	17507	Pat: Yer yer kalsitsitik dolu gözlemeli biyomikritik kireçtaşı
88.70-88.85	17508	Pat: Mikritik kireçtaşı

Min-Pet/XRD Analiz Sonuçları
Min-Pet/XRD Analysis Results

Kimyasal Analiz Sonuçları
Chemical Analysis Results

Derinlik (m) *Depth (m)*	Numune No. *Sample No*	H.Ç %	CaO %	SiO $_2$ %	Fe$_2$O$_3$ %	MnO %	C$_2$O$_3$ %	MgO %	TiO$_2$ %	A.Z %
0										
1	17647	0.07	55.56	0.86	0.05	<0.01	<0.01	0.24	<0.01	43.1
2										
3	17648	0.07	55.51	0.21	0.05	<0.01	<0.01	0.29	<0.01	43.95
4										
5	17649	0.07	55.56	0.16	0.03	<0.01	<0.01	0.27	<0.01	43.89
6										
7	17650	0.06	55.5	0.12	0.02	<0.01	<0.01	0.18	<0.01	43.71
8										
9	17301	<0.01	55.5	0.08	0.01	<0.01	<0.01	0.19	<0.01	44.02
10										
11	17302	<0.01	55.57	0.05	<0.01	<0.01	<0.01	0.18	<0.01	43.98
12										
13	17303	<0.01	55.51	1.33	0.01	<0.01	<0.01	0.15	<0.01	42.9
14										
15	17304	<0.01	55.55	0.11	0.01	<0.01	<0.01	0.31	<0.01	43.9
16										
17	17305	0.03	55.56	0.06	<0.01	<0.01	<0.01	0.2	<0.01	44.05
18										
19	17306	0.04	55.56	0.09	0.01	<0.01	<0.01	0.28	<0.01	43.98
20										
21	17307	0.03	55.56	0.11	0.02	<0.01	<0.01	0.29	<0.01	43.92
22										
23	17308	0.03	55.55	0.27	0.01	<0.01	<0.01	0.29	<0.01	43.92
24										
25	17309	0.05	55.73	0.17	0.02	<0.01	<0.01	0.31	<0.01	43.56
26										
27	17310	0.04	55.54	0.08	0.01	<0.01	<0.01	0.34	<0.01	43.38
28										
29	17311	0.04	55.51	0.16	0.02	<0.01	<0.01	0.27	<0.01	43.52
30										
31	17312	0.04	55.58	0.11	0.02	<0.01	<0.01	0.23	<0.01	43.78
32										
33	17313	0.06	55.61	0.18	0.02	<0.01	<0.01	0.29	<0.01	43.68
34										
35	17314	0.07	55.59	0.2	0.02	<0.01	<0.01	0.25	<0.01	43.69
36										
37	17315	0.14	55.72	0.42	0.03	<0.01	<0.01	0.32	<0.01	43.17
38										
39	17316	0.09	55.56	0.2	0.02	<0.01	<0.01	0.27	0.01	43.26

TARİH : 22.12.2023 *Date*

SONDAJ JEOLOGU : Jeo. Müh. M. Avni.TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK 2

MİTUS ARAMA VE PROJE A.Ş.

PROJE ADI : *(Project Name)*	**SONDAJ KOTU :** 319.0 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADD-3**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 150.6 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 12.11.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate System)*
LOKASYON : Adana/ Ceyhan (Gündoğan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 18.11.2023 *(Ending Date)*	**X (KUZEY) :** 736675 *(X-Northing)*
MADENSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086974 *(Y-Easting)*

| Derinlik (m) *Depth (m)* | Core Diameter | Muncera Boyu (m) *Core Length (m)* | Kanal Boyu (m) *Channel Length (m)* | Yoğunluk (gr/cm³) *Density (gr/cm³)* | Kanal TCR (%) *Kanal Core Recovery* | RQD (%) *Rock Quality Designation* | Kayaç Cinsi *Rock Quality Class* | LİTOLOJİ *Lithology* | TANIMLAMA *Description* | Min-Pet/XRD Analizi Sonuçları *Min-Pet/XRD Analysis Results* | | | Kimyasal Analiz Sonuçları *Chemical Analysis Results* | | |

MİTUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK 2

MİTUS ARAMA VE PROJE A.Ş.

PROJE ADI : *(Project Name)* ER3137103_Yigna Madencilik	**SONDAJ KOTU :** 288.9 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADD-4**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 150.0 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 16.11.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate System)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 60 *(Dip)*	**BİTİŞ TARİHİ :** 20.11.2023 *(Ending Date)*	**X (KUZEY) :** 736559 *(X-Northing)*
MADENİ CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 30 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086763 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Core Diameter	Numune Boyu (m) *Sample Length*	Kesici Boyu (m) *Barrel Length*	Yoğunluk (gr/cm³) *Density (gr/cm³)*	Kesici TCR (%) *TCR (Core Recovery)*	RQD (%) *RQD (Rock Quality Designation)*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*	Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*	Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al₂O₃ %	CaO %	SiO₂ %	Fe₂O₃ %	MnO %	CaO₂ %	MgO %	TiO₂ %	AZ %
0												0										
1	HQ	2	2.00		100.0	0.0		(0.0-11.0) Muhtemel Kahverengimsi, ince-orta kalınlıklı, az yivarlanmış, çakıllı kumlu-killi-siltli çakıllı kumlu-killi-silt				1											
2					100.0	0.0						2										
3	HQ	2	2.00		100.0	0.0						3										
4					100.0	0.0						4										
5	HQ	0.9	0.90		52.8	0.0						5										
6	HQ	1.1	2.10		97.2	0.0						6										
7	HQ	1.75	1.80		100.0	21.1						7										
8	HQ	2.9	2.90									8										
9	HQ	2.9	2.90		100.0	53.1						9										
10	HQ	2.9	2.90		100.0	99.0						10										
11	HQ	2.9	2.90		100.0	82.1						11	17377	0.07	54.39	0.18	0.03	<0.01	<0.01	0.31	<0.01	44.98
12	HQ	2.9	2.90		100.0	100.0						12										
13	HQ	2.9	2.90		100.0	94.1						13	17378	<0.01	55.92	0.06	0.02	<0.01	<0.01	0.32	<0.01	43.66
14	HQ	2.9	2.90		100.0	97.0						14										
15	HQ	2.9	2.90		100.0	91.0						15	17379	0.03	55.96	0.08	0.01	<0.01	<0.01	0.26	<0.01	43.62
16	HQ	2.9	2.90		100.0	66.0						16										
17	HQ	2.9	2.90		100.0	63.1						17	17380	0.07	55.79	0.2	0.02	<0.01	<0.01	0.27	<0.01	43.62
18	HQ	2.9	2.90		100.0	86.0						18										
19	HQ	2.8	2.80		96.5	95.2						19	17381	0.08	55.93	1.32	0.03	<0.01	<0.01	0.26	<0.01	42.21
20	HQ	2.9	2.90		100.0	99.3						20										
21	HQ	2.9	2.90		100.0	90.0						21	17382	0.07	55.97	0.17	0.01	<0.01	<0.01	0.23	<0.01	43.52
22	HQ	2.9	2.90		100.0	66.9						22										
23	HQ	2.9	2.90		100.0	90.0						23	17383	0.05	55.93	0.16	0.02	<0.01	<0.01	0.27	0.02	43.41
24	HQ	2.9	2.90		100.0	52.1						24										
25	HQ	2.9	2.90		100.0	83.1						25	17384	0.04	55.92	0.08	0.01	<0.01	<0.01	0.29	<0.01	43.62
26	HQ	2.9	2.90		100.0	95.2						26										
27	HQ	2.9	2.90		100.0	91.0						27	17385	0.06	55.92	0.13	0.01	<0.01	<0.01	0.39	<0.01	43.52
28	HQ	2.9	2.90		100.0	95.2						28										
29	HQ	2.9	2.90		100.0	66.9						29	17386	0.17	55.9	0.46	0.04	<0.01	<0.01	0.47	<0.01	42.95
30	HQ	2.9	2.90		100.0	57.9						30										
31	HQ	2.9	2.90		100.0	95.2						31	17387	0.14	55.91	0.3	0.03	<0.01	<0.01	0.34	<0.01	43.15
32	HQ	2.9	2.90		100.0	91.0						32										
33	HQ	2.9	2.90		100.0	95.2						33	17388	0.04	55.98	0.09	0.01	<0.01	<0.01	0.32	<0.01	43.52
34	HQ	2.9	2.90		100.0	66.9						34										
35	HQ	2.9	2.90		100.0	53.1						35	17389	0.06	55.99	0.09	0.02	<0.01	<0.01	0.29	<0.01	43.54
36	HQ	2.9	2.90		100.0	55.9						36										
37	HQ	2.6	2.60		69.7	69.7						37	17390	0.04	55.99	0.09	<0.01	<0.01	<0.01	0.21	<0.01	43.56
38	HQ	2.9	2.90		100.0	91.0						38										
39	HQ	2.9	2.90		100.0	95.2						39	17391	<0.01	55.93	0.05	<0.01	<0.01	<0.01	0.26	<0.01	43.62
40	HQ	2.85	2.90		91.4	91.4						40										
41	HQ	2.9	2.90		100.0	84.1						41	17392	<0.01	55.99	0.07	<0.01	<0.01	<0.01	0.26	<0.01	43.65
42	HQ	2.9	2.90		100.0	64.9						42										
43	HQ	2.9	2.90		100.0	89.0						43	17393	0.04	55.98	0.06	<0.01	<0.01	<0.01	0.28	<0.01	43.64
44	HQ	2.9	2.90		100.0	81.0						44										
45	HQ	2.9	2.90		100.0	64.9						45	17394	0.09	55.99	0.2	0.02	<0.01	<0.01	0.33	<0.01	43.26
46	HQ	2.9	2.90		100.0	53.1						46										
47	HQ	2.9	2.90		100.0	66.9						47	17395	0.04	56	0.24	0.02	<0.01	<0.01	0.34	<0.01	43.25
48	HQ	2.9	2.90		100.0	64.9						48										
49	HQ	2.9	2.90		100.0	53.1						49	17396	0.05	55.98	0.13	0.01	<0.01	<0.01	0.25	<0.01	43.47
50	HQ	2.9	2.90		100.0	66.9						50										
51	HQ	2.9	2.90		100.0	95.2						51	17397	0.05	55.96	0.14	0.01	<0.01	<0.01	0.23	<0.01	43.51
52	HQ	2.9	2.90		100.0	66.9						52										
53	HQ	2.9	2.90		100.0	86.0						53	17398	0.22	55.98	0.57	0.03	<0.01	<0.01	0.21	<0.01	42.95
54	HQ	2.9	2.90		100.0	93.1						54										
55	HQ	2.9	2.90		100.0	89.0						55	17399	0.06	55.92	0.13	0.02	<0.01	<0.01	0.25	<0.01	43.52
56	HQ	2.9	2.90		100.0	81.0						56										
57	HQ	2.9	2.90		100.0	64.9						57	17400	0.05	55.98	0.1	<0.01	<0.01	<0.01	0.23	<0.01	43.64
58	HQ	2.9	2.90		100.0	82.1						58										
59	HQ	2.9	2.90		100.0	77.0						59	17401	0.04	55.94	0.3	0.01	<0.01	<0.01	0.18	<0.01	43.52
60	HQ	2.9	2.90		100.0	95.2						60										
61	HQ	2.9	2.90		100.0	80.0						61	17402	0.16	55.98	0.35	0.04	<0.01	<0.01	0.27	<0.01	43.21
62	HQ	2.9	2.90		100.0	67.0						62										
63	HQ	2.9	2.90		100.0	53.1						63	17403	0.03	55.92	0.08	<0.01	<0.01	<0.01	0.17	<0.01	43.75
64	HQ	1.8	2.00		90.0	90.0						64										
65												65	17404	0.12	55.91	0.25	0.03	<0.01	<0.01	0.31	<0.01	43.26
66												66										
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149												149										
150												150										

(11.0-150.0) Limestone: Bej renkli, masif intrakstinli, sitrotil çatlaklı, orta sertlikte, az-çok kırıklı, 1-4 mm kalınlığında kalsit dolgulu, bol çatlaklı, orta-çok sitrotilleşmiş ve sarımsı renkte gözükmekte olup, per-tel dolgulular Kırıklar verev ve dikiti

TARİH : 10.12.2023 *Date*

SONDAJ JEOLOGU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK 2

MİTUS ARAMA VE PROJE AŞ.

PROJE ADI : (Project Name) ERI3137103_Vigne Madencilik	**SONDAJ KOTU :** (Borehole Elevation) 310.2	**KUYU ADI** (Borehole Name)	**ADD-5**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** (Borehole Depth) 100.0	**BAŞLAMA TARİHİ :** (Starting Date) 10.11.2023	**KOOR. SİSTEMİ :** (Coordinate System) ED-50_Zon36
LOKASYON : (Location) Adanaz Ceyhan (Gündogan)	**EĞİM :** (Dip) 90	**BİTİŞ TARİHİ :** (Ending Date) 14.11.2023	**X (KUZEY) :** (X-Northing) 736399
MADENİN CİNSİ : (Type of Ore) Kalker	**EĞİM YÖNÜ :** (Dip direction) 0	**LOG ÖLÇEĞİ :** (Log Scale) 1/100	**Y (DOĞU) :** (Y-Easting) 4086873

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) Depth (m)	Karot Cinsi Core Caliber	Boru-ara Boyu (m) Core Barrel Length (m)	Karot Boyu (m) Core Length (m)	Yoğunluk (gr/cm³) Density (gr/cm³)	Karot TCR (%) Total Core Recovery	RQD (%) Rock Quality Designation	LİTOLOJİ Lithology	TANIMLAMA Description	Derinlik (m) Depth (m)	Numune No. Sample No.	Tanımlama Description	Derinlik (m) Depth (m)	Numune No. Sample No.	Al_2O_3 %	CaO %	SiO $_2$%	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	AZL
0																						
1								(0.0-37.5) Serpentinite: Fayalince-bazınca renkli, çimsi renkli, matriks çoğunlukta kayacın tamamının oluşan, serpantinit ve peridotit çakılı, az çakışmış													
2	HQ	0.6	2.00		0.0	0.0																
3					23.3	19.0																
4	HQ	0.7	3.00	2.66																		
5					43.7	29.0																
6	HQ	1.3	3.00																			
7					84.2	4.1																
8	HQ	2.5	2.90																			
9					58.6	41.6																
10	HQ	1.7	2.90	2.68																		
11					58.1	0.0																
12	HQ	0.65	1.10		55.1	0.0																
13					100.0	20.0																
14	HQ	0.25	0.50		100.0	0.0																
15	HQ	0.5	0.50																			
16	HQ	0.5	0.50																			
17	HQ	0.9	1.00		90.0	0.0																
18					100.0	0.0																
19	HQ	1.6	1.60																			
20					100.0	5.0																
21	HQ	3	3.00																			
22					100.0	0.0																
23	HQ	0.7	0.70																			
24					98.6	0.0																
25	HQ	2.4	2.70	2.66																		
26					96.5	0.0																
27	HQ	2.8	2.90																			
28					100.0	75.0																
29	HQ	2.9	2.90																			
30					96.5	0.0																
31	HQ	2.35	2.90		81.3	6.9			30.00-30.10	17313	Pet: Mikro diyorit											
32																						
33	HQ	2.85	2.90																			
34					96.5	0.0																
35	HQ	2.9	2.90																			
36					100.0	75.0																
37								(37.5-71.7) Breccia: Fayalince-bazınca renkli, yer yer kalsit dolgulu, matriks çoğunlukta kayacın orijeri kırıkçayı çakılı, masif, kızılkızılkiler yatay ve verev.				17354	0.19	93.54	0.8	0.06	<0.01	<0.01	3.85	<0.01	99.1
38	HQ	2.8	2.90		94.5	96.5																
39																						
40	HQ	2.9	2.90						40.30-40.40	17314	Pet: Dolomitli parçalar içeren kataklastik (cto) tüng											
41					100.0	99.3																
42	HQ	2.9	2.90																			
43					100.0	95.2																
44	HQ	2.9	2.90																			
45					100.0	99.7												17355	0.06	93.96	0.19	0.02	<0.01	<0.01	1.44	<0.01	42.1
46	HQ	2.9	2.90																			
47					100.0	99.7												17356	0.07	93.94	0.19	0.03	<0.01	<0.01	1.98	<0.01	47.02
48	HQ	2.9	2.90																			
49					100.0	99.6																
50	HQ	2.9	2.90																			
51					100.0	97.6												17357	0.06	93.97	0.21	0.03	<0.01	<0.01	1.28	<0.01	42.18
52	HQ	2.9	2.90	2.68																		
53					100.0	100.0																
54	HQ	2.9	2.90																			
55					100.0	97.9												17358	0.05	93.96	0.17	0.03	<0.01	<0.01	0.86	<0.01	43.01
56	HQ	2.9	2.90																			
57				2.69																		
58	HQ	2.9	2.90		100.0	99.0																
59									62.50-62.80	17339	Pet: Kataklastik kireçtaşı Tüm/yeni türleşmiştir. (Gül Jura-Alt Kretase)											
60	HQ	2.9	2.90		100.0	66.0												17359	0.08	93.91	0.16	0.02	<0.01	<0.01	1.5	<0.01	42.4
61																						
62	HQ	2.9	2.90		100.0	92.1																
63									68.70-68.80	17315	Pet: Dolomitli parçalar içeren kataklastik (cto) tüng							17360	0.15	93.85	0.23	0.04	<0.01	<0.01	3.6	<0.01	50.46
64	HQ	2.9	2.90	2.68	100.0	93.1																
65								(71.7-83.2) Limestone: Bej renkli, masif, kalsit dolgulu. Kırıklar verev ve paralellidir.													
66	HQ	2.5	2.90		96.2	9.0																
67				2.61																		
68	HQ	2.9	2.90		100.0	39																
69																						
70	HQ	2.9	2.90		100.0	5.2																
71																						
72	HQ	2.2	2.20		100.0	5.0																
73									81.20-83.20	17316	Pet: Kireçli kumtaşı							17363	4.63	39.33	0.44	3.13	0.11	0.04	5.37	0.42	28.69
74	HQ	2	2.00		100.0	61.0																
75				2.59																		
76	HQ	1	1.00		100.0	0.0																
77																						
78	HQ	2.9	2.90		100.0	14.5																
79				2.67																		
80	HQ	2.9	2.90		100.0	3.7																
81									89.70-89.80	17317	Pet: Litik kumtaşı											
82	HQ	2.9	2.90		100.0	0.0																
83																						
84	HQ	2.9	2.90		100.0	0.0																
85																						
86	HQ	1.6	1.60		100.0	8.8																
87																						
88	HQ	1.5	1.50		100.0	0.0																
89																						
90	HQ	2	2.00		100.0	97.0																
91				2.67																		
92								(88.3-100.0) Limestone: Bej renkli, masif, kalsit dolgulu. Kırıklar verev ve paralellidir.													
93									89.80-99.90	17318	Pet: Mikritik kireçtaşı (yer yer mikro dolomitleşmiş)											
94																						
95																						
96																						
97																						
98																						
99																						
100																						

TARİH : (Date) 22.12.2023

SONDAJ JEOLOĞU : (Borehole Geologist) Jeo. Müh. M. Avni TAPTIK

KONTROL EDEN : (Controlling) Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK 2

MİTUS ARAMA VE PROJE A.Ş.

PROJE ADI : *(Project Name)* ER3137103_Vigne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 278.9	**KUYU ADI** *(Borehole Name)*	**ADD-6**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Starting Depth)* 111.6	**BAŞLAMA TARİHİ :** *(Starting Date)* 21.11.2023	**KOOR. SİSTEMİ :** *(Coordinate Syystem)* ED-50_Zon36
LOKASYON : *(Location)* Adanar/ Ceyhan (Gündoğan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 25.11.2023	**X (KUZEY) :** *(X-Northing)* 736250
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086558

Derinlik (m) Depth (m)	Karot Cinsi Core Caliber	Ölçülmeyen Boyu (m) Unrecovered Length (m)	Yoğunluk (gr/cm³) Density (gr/cm³)	Karot TCR (%) Total Core Recovery	RQD (%) Rock Quality Index	Litoloji Lithology	Tanımlama Description	Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*			Kimyasal Analiz Sonuçları *Chemical Analysis Results*										
								Derinlik (m) Depth (m)	Numune No. Sample No.	Tanımlama Description	Derinlik (m) Depth (m)	Numune No. Sample No.	Al_2O_3 %	CaO %	SiO $_2$%	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	AZL
0							0.0-2.0) Overburden: Yıl dolgusu.														
1	HQ	1.35	2.00		97.5	0.0															
2							2.0-33.0) Serpentinite: Yapılımsı, gömsi renkli, sert kayaç kütlesi, serpentinitlerden oluşan, serpentinit ve peridotit çakılı, az yeleşmiş													
3	HQ	2.65	2.90		91.4	0.0															
4																					
5	HQ	2.9	2.90		100.0	0.0															
6																					
7	HQ	2.9	2.90		100.0	0.0															
8																					
9	HQ	2.9	2.90		100.0	0.0															
10																					
11	HQ	2.9	2.90		100.0	0.0															
12																					
13	HQ	2.9	2.90		100.0	0.0															
14																					
15	HQ	2.9	2.90		100.0	0.0															
16																					
17	HQ	2.7	2.90		93.1	0.0															
18																					
19	HQ	2.9	2.90		100.0	33.0															
20																					
21	HQ	2.9	2.90		100.0	79.0															
22																					
23	HQ	2.9	2.90		100.0	96.9	33.0-64.0) Breccia: Yapılımsı-gömsi renkli, yer yer kalsit dolgulu, matriksi serpentinit olan, çoğunluğu kireçtaşı, serpentinit çakılı, zayıf dayanımlı, serpentinitlerden oluşan, serpentinit ve peridotit çakılı, az yeleşmiş													
24																					
25	HQ	2.9	2.90		100.0	95.2		37.50-37.60	17523	Per. Mikro gabro											
26																					
27	HQ	2.9	2.90		100.0	90.6															
28																					
29	HQ	2.9	2.90		100.0	65.2															
30																					
31	HQ	2.6	2.90		88.7	0.0	64.0-64.4) Serpentinite: Kahverengimsi, yeşilimsi, gömsi renkli, matriksi kalsit olan, serpentinitlerden oluşan, serpentinit ve peridotit çakılı, az yeleşmiş														
32																					
33	HQ	2.9	2.90		100.0	45.0															
34																					
35	HQ	2.9	2.90		100.0	20.0		80.70-80.80	17524	Per. Kilitaşı (mutmemelen fenarhen kilitaşının peridotit??)											
36																					
37	HQ	2.9	2.90		100.0	0.0															
38																					
39	HQ	2.9	2.90		100.0	7.3															
40																					
41	HQ	2.9	2.90		100.0	0.0															
42																					
43	HQ	1.2	1.30		92.3	0.0															
44																					
45	HQ	1.6	1.60		100.0	90.0	84.4-84.75 II) Breccia: Yapılımsı-bejimsi renkli, sert kayaç kütlesi, matriksi serpentinit olan, kilçeli kireçtaşı, peridotit, serpentinit çakılı, az yeleşmiş, çarpılı yer yer kalsit dolgulu														
46																					
47	HQ	2.9	2.90		100.0	93.1		84.80-84.90	17525	Per. Bazalt											
48																					
49	HQ	2.9	2.90		100.0	70.0															
50																					
51	HQ	2.9	2.90		100.0	66.9		88.70-88.80	17526	Per. Serpentinleşmiş lerzolit											
52																					
53	HQ	2.9	2.90		100.0	53															
54																					
55	HQ	2.9	2.90		100.0	20.0	173.5-108.4) Serpentinite: Yapılımsı-gömsi renkli, matriksi çoğunlukla serpentinitlerden oluşan, serpentinit ve peridotit çakılı, zayıf dayanımlı, içinde kalsit- serpentinit damarlı, az yeleşmiş, 1 mm kalınlığında kalsit dolgulu.														
56																					
57	HQ	2.8	2.90		96.5	96.5															
58																					
59	HQ	2.9	2.90		100.0	88.6															
60																					
61	HQ	2.9	2.90		100.0	95.2															
62																					
63	HQ	2.9	2.90		100.0	89.6															
64																					
65	HQ	2.9	2.90		100.0	96.9															
66																					
67	HQ	2.8	2.90		96.5	90.0															
68																					
69	HQ	2.9	2.90		100.0	94.5															
70																					
71	HQ	2.9	2.90		100.0	86.9															
72																					
73	HQ	2.9	2.90		100.0	92.1															
74																					
75	HQ	2.9	2.90		100.0	97.9															
76																					
77	HQ	2.3	2.30		100.0	85.2	108.4-111.6) Limestone: Bejazimsi-gri renkli, hasarlı, sıcaklaşmalıtaşı yatay	108.4	17405	0.05	55.91	0.12	0.03	<0.01	<0.01	0.37	<0.01	43.71

TARİH : 18.12.2023
Date

SONDAJ JEOLOĞU : Jeo. Müh. M. Avni TAPTIK
Borehole Geologist

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ
Controlling

MİTUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK 2

MİTUS ARAMA VE PROJE A.Ş.

PROJE ADI : (Project Name) ER3137103_Vigne Madencilik	**SONDAJ KOTU :** (Borehole Elevation) 235.2	**KUYU ADI** (Borehole Name)	**ADD-7A**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** (Borehole Depth) 125.0	**BAŞLAMA TARİHİ :** (Starting Date) 27.11.2023	**KOOR. SİSTEMİ :** (Coordinate System) ED-50_Zon36
LOKASYON : (Location) Adanaz Ceyhan (Gündoğan)	**EĞİM :** (Dip) 60	**BİTİŞ TARİHİ :** (Ending Date) 01.12.2023	**X (KUZEY) :** (X-Northing) 736137
MADENİN CİNSİ : (Type of Ore) Kalker	**EĞİM YÖNÜ :** (Dip direction) 230	**LOG ÖLÇEĞİ :** (Log Scale) 1/100	**Y (DOĞU) :** (Y-Easting) 4086326

Derinlik (m) Depth (m)	Sondaj Cinsi Core Caliber	Run No	Run Length (m)	Kuvvetli Yağışlar Sonrası Kuyu Hacmi (%) Well Volume after Heavy Rainfall	Kuvvetli TCR (%) Total Core Recovery	RQD (%) Rock Quality Designation	LİTOLOJİ Lithology	TANIMLAMA Description
0								0-5,25,2) Limestone: Beyazımsı taş rengi, sert ve kırık, kırıkları dolgu ve kalsit dolgulu.
1	HQ	1	2.00		100.0	64.0		
2	HQ	2	1.00		100.0	66.0		
3	HQ	3	1.00		100.0	78.0		
4	HQ	4	0.60		98.8	33.3		
5	HQ	5	1.30		92.3	46.2		
6	HQ	6	1.60		100.0	63.7		
7	HQ	7	2.60		98.7	77.0		
8	HQ	8	2.90		72.4	58.6		
9	HQ	9	2.90		93.1	63.7		
10	HQ	10	2.90		100.0	60.0		
11	HQ	11	1.50		100.0	63.3		
12	HQ	12	1.40		100.0	50.0		
13	HQ	13	2.90		58.6	55.2		
14	HQ	14	2.00		100.0	82.0		(25,2-36,7) Limestone: Beyazımsı taş rengi, sert ve kırık, kırıkları dolgu ve kalsit dolgulu, kalsit dolguları soyulmuş gri renkli.
15	HQ	15	2.90		100.0	79.0		
16	HQ	16	0.90		100.0	38.9		
17	HQ	17	2.90		100.0	54.1		
18	HQ	18	2.90		100.0	84.1		
19	HQ	19	2.90		100.0	79.7		
20	HQ	20	2.90		93.1	65.2		
21	HQ	21	2.90		100.0	60.7		
22	HQ	22	2.65		97.4	80.0		
23	HQ	23	2.90		89.7	55.1		
24	HQ	24	2.90		100.0	62.1		
25	HQ	25	2.90		100.0	80.0		
26	HQ	26	2.68		96.2	85.8		(36,7-68,7) Breccia: Kahverengimsi kırmızımsı, yer yer kalsit dolgulu, matriksi serpentinit olan kötü boylanmalı, köşeli kireçtaşı çakıllı, zayıf dayanımlı, süreksizlikler yalpa ve verev.
27	HQ	27	2.90		96.2	75.2		
28	HQ	28	2.90		100.0	95.2		
29	HQ	29	2.90		100.0	62.1		
30	HQ	30	2.00		100.0	0.0		(68,7-125,0) Serpentinite: Koyu yeşil, çok sert, masif, matriks çoğunlukla serpentinitlerden oluşan kireçtaşı çakılı ve blokları mevcut
31	HQ	31	2.90		93.1	10.0		
32	HQ	32	0.90		100.0	0.0		
33	HQ	33	1.00		100.0	0.0		
34	HQ	34	1.00		100.0	0.0		
35	HQ	35	0.90		100.0	0.0		
36	HQ	36	2.90		100.0	14.5		
37	HQ	37	2.80		96.5	20.0		
38	HQ	38	2.90		93.1	0.0		
39	HQ	39	2.90		100.0	20.0		
40	HQ	40	2.90		93.1	68.9		
41	HQ	41	1.30		96.2	60.0		
42	HQ	42	0.50		100.0	80.0		
43	HQ	43	0.50		100.0	0.0		
44	HQ	44	1.00		100.0	0.0		
45	HQ	45	0.90		100.0	90.0		
46	HQ	46	2.55		97.5	47.0		
47	HQ	47	1.10		90.9	0.0		
48	HQ	48	1.70		94.1	0.0		
49	HQ	49	1.80		94.4	0.0		
50	HQ	50	1.50		86.6	10.0		
51	HQ	51	2.30		78.3	3.1		
52	HQ	52	1.20		75.0	0.0		
53	HQ	53	0.50		100.0	0.0		
54	HQ	54	0.50		100.0	0.0		
55	HQ	55	1.00		100.0	0.0		
56	HQ	56	0.60		100.0	40.0		
57	HQ	57	2.90		100.0	30.0		
58	HQ	58	2.90		100.0	10.0		
59	HQ	59	2.90		100.0	0.0		
60	HQ	60	2.90		96.2	0.0		
61	HQ	61	2.80		71.4	13.9		

Min-Petrol XRD Analiz Sonuçları
Min-Petrol XRD Analysis Results

Derinlik (m) Depth (m)	Numune No. Sample No.	Tanımlama Description
64.90-64.70	17327	Pur: Dolomitleşmeye başlamış mikritik kireçtaşı parçaları içeren kataklastik (olu) breş

Kimyasal Analiz Sonuçları
Chemical Analysis Results

Derinlik (m) Depth (m)	Numune No. Sample No.	Al$_2$O$_3$ %	CaO %	SiO$_2$ %	Fe$_2$O$_3$ %	MnO%	Cr$_2$O$_3$ %	MgO%	TiO$_2$ %	A.Z%
0										
1										
2										
3	17418	0.05	55.31	0.13	0.03	<0.01	<0.01	0.24	<0.01	43.96
4										
5										
6										
7	17419	0.08	55.34	0.3	0.06	<0.01	<0.01	0.27	<0.01	43.96
8										
9										
10										
11	17420	0.08	55.5	0.23	0.03	<0.01	<0.01	0.22	<0.01	43.97
12										
13										
14										
15										
16	17421	0.06	55.53	0.16	0.04	<0.01	<0.01	0.27	<0.01	43.58
17										
18										
19										
20										
21	17422	0.03	55.50	0.06	0.03	<0.01	<0.01	0.19	<0.01	43.9
22										
23										
24										
25										
26	17423	0.11	55.54	0.29	0.08	<0.01	<0.01	0.25	<0.01	43.58
27										
28										
29										
30										
31										
32	17424	0.08	55.56	0.23	0.04	<0.01	<0.01	0.27	<0.01	43.58
33										
34										
35										
36										
37										
38	17425	0.06	55.56	0.2	0.03	<0.01	<0.01	0.2	<0.01	43.96
39										
40										
41										
42										
43										
44	17426	0.05	55.56	0.2	0.03	<0.01	<0.01	0.21	<0.01	43.96
45										
46										
47										
48										
49										
50	17427	0.07	55.54	0.25	0.04	<0.01	<0.01	0.25	<0.01	43.58
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										
61										
62	17428	1.01	54.51	3.32	0.45	<0.01	<0.01	0.72	<0.01	39.64
63										
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TARİH : *Date* 18.12.2023

SONDAJ JEOLOĞU : *Borehole Geologist* Jeo. Müh. M. Avni TAPTIK

KONTROL EDEN : *Controlling* Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 235.2	**KUYU ADI** *(Borehole Name)*	**ADD-7B**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 73.10	**BAŞLAMA TARİHİ :** *(Starting Date)* 5.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 60	**BİTİŞ TARİHİ :** *(Ending Date)* 13.12.2023	**X (KUZEY) :** *(X-Northing)* 736137
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 90	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086326

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manvra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm 3) *Intensity (gr/cm 3)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Litholigy*	TANIMLAMA *Description*
0								(0.0,63.3) Limestone: Açık bej, krli beyaz renkli, yer yer kırıklı ve parçalı, kırık yüzeyleri oksitli, bazı kısımlarında yer yer kalsit ve aragonit dolgulu, süreksizlikler yatay ve verev
1	HQ	2	2.00		100.0	40.0		
2								
3	HQ	1.95	2.00		97.5	70.5		
4	HQ	1.2	1.20		100.0	85.0		
5	HQ	2	2.00		100.0	68.5		
6								
7	HQ	1	1.00		100.0	66.0		
8								
9	HQ	2.9	2.90		100.0	93.8		
10								
11								
12	HQ	2.9	2.90		100.0	77.2		
13								
14								
15	HQ	2.9	2.90		100.0	86.2		
16								
17								
18	HQ	2.6	2.90	2.68	89.7	64.1		
19								
20	HQ	0.9	1.00		90.0	83.0		
21								
22	HQ	3	3.00		100.0	66.7		
23								
24								
25	HQ	3	3.00		100.0	83.3		
26								
27								
28	HQ	2.9	3.00		96.7	78.7		
29								
30								
31	HQ	2	2.00		100.0	60.0		
32								
33	HQ	2.2	2.30		95.7	58.7		
34								
35								
36	HQ	2.9	3.00		96.7	43.3		
37								
38								
39	HQ	2	2.20		90.9	32.3		
40	HQ	1.6	1.60		100.0	6.9		
41								
42	HQ	2	2.10		95.2	30.9		
43								
44	HQ	1.2	1.20		100.0	56.7		
45	HQ	1	1.00	2.68	100.0	75.0		
46								
47	HQ	1.95	2.00		97.5	65.0		
48								
49								
50	HQ	2.6	2.60		100.0	69.2		
51								
52	HQ	1.7	1.90		89.5	67.4		
53	HQ	1.15	1.20		95.8	81.7		
54	HQ	2	2.00		100.0	62.5		
55								
56								
57	HQ	2.9	3.00		96.7	91.7		
58								
59	HQ	2.25	2.30		97.8	60.9		
60								
61	HQ	2	2.00		100.0	20.0		
62								
63	HQ	0.95	1.10		86.4	63.6		
64	HQ	1.4	1.50		93.3	64.7		(63.3,67.8) Breccia: Yeşilimsi-beijmsi renkli, yer yer kalsit dolgulu, matriksi serpantinit olan köşeli kireçtaşı; serpantinit çakıllı, az pekişmiş, parçalı
65								
66	HQ	1.4	1.50		93.3	56.7		
67	HQ	1	1.00	2.67	100.0	82.0		
68	HQ	1.3	1.30		100.0	46.1		(67.8,73.1) Serpentinite: Yeşilimsi, grimsi renkli, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit ve peridotit çakılı, pekişmemiş
69								
70	HQ	1.7	1.70		100.0	0.0		
71	HQ	1	1.00		100.0	0.0		
72								
73	HQ	1.8	1.80		100.0	16.7		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5										
	17580	0.07	55.32	0.22	0.05	<0.01	<0.01	0.24	<0.01	44.01
	17581	0.04	55.5	0.12	0.03	<0.01	<0.01	0.22	<0.01	44
10										
	17582	0.03	55.62	0.14	0.02	<0.01	<0.01	0.23	<0.01	43.91
15										
	17583	0.06	55.37	0.16	0.04	<0.01	<0.01	0.25	<0.01	44.05
20										
	17584	0.04	55.8	0.1	0.02	<0.01	<0.01	0.23	<0.01	43.74
25										
	17585	0.02	55.08	0.05	0.02	<0.01	<0.01	0.21	<0.01	44.56
30										
	17586	0.1	55.73	0.57	0.04	<0.01	<0.01	0.21	<0.01	43.26
35										
	17587	0.03	55.4	0.11	0.03	<0.01	<0.01	0.23	<0.01	44.11
40										
	17588	0.01	55.76	0.04	0.02	<0.01	<0.01	0.2	<0.01	43.89
45										
	17589	0.04	55.49	0.14	0.04	<0.01	<0.01	0.2	<0.01	44
50										
	17590	0.05	55.19	0.39	0.06	<0.01	<0.01	0.22	<0.01	44.01
55										
	17591	0.02	55.68	0.11	0.03	<0.01	<0.01	0.2	<0.01	43.89
60										
	17592	0.09	55.12	0.34	0.1	<0.01	<0.01	0.25	<0.01	43.99
65										
	17593	3.19	47.26	13.3	1.27	0.07	<0.01	0.95	<0.01	32.9

TARİH : *Date*	28.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA VE PROJE A.Ş.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vigne Madencilik	**SONDAJ KOTU :** 210 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADD-8A**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 150.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 6.01.2024 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate System)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 70 *(Dip)*	**BİTİŞ TARİHİ :** 08.01.2024 *(Ending Date)*	**X (KUZEY) :** 736187 *(X-Northing)*
MADENİ CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 255 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086230 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Core Diameter	Numune Boyu (m) *Sample Length (m)*	Karot Birim *Core Recovery*	Yoğunluk (gr/cm³) *Density (gr/cm³)*	RQD (Core Recovery) *RQD (Core Recovery)*	Karot TCR (%) *Rock Quality Core*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*	Min-Petr/XRD Analiz Sonuçları *Min-Petr/XRD Analysis Results*			Kimyasal Analiz Sonuçları *Chemical Analysis Results*											
									Derinlik (m) *Depth (m)*	Numune No. *Sample No.*	Tanımlama *Description*	Derinlik (m) *Depth (m)*	Numune No. *Sample No.*	H_2O^- %	CO_2 %	SiO_2 %	Fe_2O_3 %	MnO%	CaO %	MgO%	TiO_2 %	Al_2O_3
0												0											
1	HQ	0.34	1		34.0	0.0		(0.0-3.0) Overburden: Kahverengimsi renkli, kırıntılı yıl dolgusu															
2	HQ	0.35	1		0.0	0.0																	
3	HQ	0.31	1		31.0	0.0		(3.0-8.1) Chert Limestone: Grimsi-beyazımsı renkli, sert-sert olmayan, yaşlımsı renkli, kil (zenginleşmiş serpantinit) seviyeler içermektedir.				3												
4	HQ	0.3	1		30.0	12.0																	
5	HQ	0.3	1		30.0	0.0																	
6	HQ	0.35	1		35.0	0.0																	
7	HQ	0.5	1		50.0	44.0							17679/ 17679	1.365	51.00	5.965	0.485	0.03	<0.01	0.815	0.065	39.335	
8	HQ	0.5	1		50.0	23.0																	
9	HQ	1	1.5		66.7	11.3		(8.1-11.0) Breccia: Yaşlımsı, grimsi renkli,ortalamalı, masif, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit ve kireçtaşı çakıllıdır.				10												
10	HQ	1.5	1.5	2.57	100.0	44.0																	
11	HQ	0.8	1		80.0	72.0		(11.0-16.6) Chert Limestone: Yaşlımsı, grimsi renkli,ortalamalı, masif, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit ve kireçtaşı çakıllıdır.	10.90-11.00	17547	Pet. Memer		17680	0.8	55.71	3.26	0.35	0.02	<0.01	0.56	0.05	38.69	
12	HQ	2	2		100.0	62.0																	
13	HQ	1.45	1.6		90.6	37.5						15											
14	HQ	1.4	1.4		100.0	41.4																	
15	HQ	1.5	1.5		100.0	52.7		(16.6-24.4) Breccia: Yaşlımsı, grimsi renkli,ortalamalı, masif, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit ve kireçtaşı çakıllıdır.					17681	4.93	39.81	34.45	1.59	0.04	<0.01	2.09	0.4	39.84	
16	HQ	1.5	1.5		100.0	38.0																	
17	HQ	1.5	1.6		93.8	80.6						20											
18	HQ	1.4	1.4		100.0	27.1							17682	3.98	41.94	12.41	1.16	0.03	<0.01	2.42	0.21	36.51	
19	HQ	2.9	3		96.7	93.7		(24.4-41.0) Chert Limestone: Gri- açık gri, masif, sert-orta dokulu, bol çatlaklı, çatlaklar kil ve limşik gömümlü, kireçtaşı.				25												
20	HQ	3	3		100.0	100.0							17683	0.85	55.9	2.37	0.23	<0.01	<0.01	1.15	0.05	39.02	
21	HQ	3	3		100.0	98.0						30											
22	HQ	3	3		100.0	98.0							17684	0.56	55.9	1.77	0.16	<0.01	<0.01	0.83	0.04	40.36	
23	HQ	3	3		100.0	90.0						35											
24	HQ	3	3		100.0	90.0							17685	0.75	53.05	2.07	0.17	<0.01	<0.01	0.91	0.03	42.29	
25	HQ	3	3		100.0	97.7																	
26	HQ	3	3		100.0	96.7		(41.0-47.4) Serpentinite: Koyu gri-gri, yer yer kahverengimsi, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit, kireçtaşı çakıllı, çoğunlukla kil, bol silisli çatlaklı.																
27	HQ	3	3		100.0	45.7																	
28	HQ	3	3		100.0	95.0		(47.4-72.6) Chert Limestone: Koyu gri-gri, yer yer grimsi renkli, yer yer eğlaz kaldı damarlı, çoğunlukla limşik gömümlü, sert-orta dokulu kireçtaşı.				47.4												
29	HQ	1.2	1.2		100.0	48.3																	
30	HQ	1.3	1.3		100.0	67.5							17686/ 17687	0.57	55.98	1.99	0.155	<0.01	<0.01	0.515	0.025	40.665	
31	HQ	3	3		100.0	97.7						55											
32	HQ	3	3		100.0	97.0							17688	0.5	55.71	1.22	0.13	<0.01	<0.01	1.36	0.02	40.59	
33	HQ	1	1		100.0	53.0																	
34	HQ	1.5	1.5		100.0	49.7						60											
35	HQ	1.4	1.5		93.9	14.0							17689	0.26	55.94	0.62	0.08	<0.01	<0.01	0.39	0.02	42.78	
36	HQ	2.5	2.5		100.0	59.0																	
37	HQ	1.5	1.5		100.0	81.7						65											
38	HQ	1	1		100.0	43.0							17690	0.42	55.9	1	0.13	<0.01	<0.01	0.39	0.01	41.78	
39	HQ	1.5	1.5		100.0	79.3																	
40	HQ	2	2		100.0	93.5																	
41	HQ	1.4	1.5		93.3	32.7																	
42	HQ	2.5	2.5		100.0	94.8		(72.6-83.0) Serpentinite: Koyu gri-gri, yer yer kahverengimsi, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit, kireçtaşı çakıllı, çoğunlukla kil, bol silisli çatlaklı.																
43	HQ	3	3		100.0	77.7																	
44	HQ	3	3		100.0	83.3																	
45	HQ	2	2		100.0	87.5																	
46	HQ	3	3		100.0	86.0		(83.0-94.0) Chert Limestone: Koyu gri-gri, yer yer grimsi renkli, yer yer eğlaz kaldı damarlı, çoğunlukla limşik gömümlü, sert-orta dokulu kireçtaşı.				83												
47	HQ	1.5	1.5		100.0	66.7							17691	0.43	55.78	1.01	0.14	<0.01	<0.01	0.36	0.02	41.98	
48	HQ	1.3	1.5		86.7	66.0						87											
49	HQ	1	1		100.0	73.0							17692	0.37	55.93	0.92	0.15	<0.01	<0.01	0.4	0.02	41.99	
50	HQ	2	2		100.0	79.0						91											
51	HQ	3	3		100.0	85.5							17693	0.4	55.71	1.24	0.13	<0.01	<0.01	0.37	0.01	41.96	
52	HQ	3	3		100.0	96.7		(94.0-98.0) Limestone: Yaşlımsı, grimsi renkli, kalsit dolgulu, breşik görünümlü, sert orta dokulu masif kireçtaşı.				95												
53	HQ	3	3		100.0	94.7		(98.0-107.0) Breccia: Yaşlımsı, grimsi renkli,ortalamalı, masif, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit ve kireçtaşı çakıllıdır.					17694	0.15	55.69	0.61	0.07	<0.01	<0.01	0.29	<0.01	43.02	
54	HQ	3	3		100.0	100.0						102.3											
55	HQ	3	3		100.0	98.0							17695	0.36	55.97	1.26	0.13	<0.01	<0.01	0.33	<0.01	41.98	
56	HQ	3	3		100.0	100.0		(107.0-122.5) Chert Limestone: Kahverengimsi, yer yer grimsi renkli, yer yer eğlaz kaldı dolgulu, yer yer breşik görünümlü, sert orta dokulu, ve masif kireçtaşı.				107												
57	HQ	3	3		100.0	97.0							17696	0.62	55.53	2.1	0.13	<0.01	<0.01	1.07	0.04	39.98	
58	HQ	3	3		100.0	97.0						112											
59	HQ	3	3		100.0	97.7							17697	1.09	55.75	2.47	0.22	<0.01	<0.01	1.56	0.07	39.12	
60	HQ	3	3		100.0	96.7						110.5											
61	HQ	3	3		100.0	100.0							17698	0.89	55.56	1.82	0.21	<0.01	<0.01	1.83	0.04	39.96	
62	HQ	3	3		100.0	97.0		(122.5-140.8) Breccia: Yaşlımsı, grimsi renkli,ortalamalı, masif, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit ve kireçtaşı çakıllıdır.																
63	HQ	3	3		100.0	94.7																	
64	HQ	3	3		100.0	98.0																	
65	HQ	3	3		100.0	99.3																	
66	HQ	3	3		100.0	98.0																	
67	HQ	3	3		100.0	69.0																	
68	HQ	3	3		100.0	69.0																	
69	HQ	3	3		100.0	80.3																	
70	HQ	3	3		100.0	79.0		(140.8-148.7) Limestone: Grimsi renkli, sert-orta dokulu, kalsit damarlı, masif kireçtaşı.				140.6												
71	HQ	3	3		100.0	79.7																	
72	HQ	3	3		100.0	76.0		(148.7-150.0) Serpentinite: Açık yeşilimsi-yeşil renkli, ara ara kireçtaşı seviyesi içeren serpantinit.					17699	0.19	55.57	0.33	0.08	0.03	<0.01	0.35	<0.01	43.25	
73	HQ	1	1		100.0	77.0																	

TARİH : 25.01.2024 *Date*

SONDAJ JEOLOGU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 173	**KUYU ADI** *(Borehole Name)*	**ADD-8B**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 100.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 8.01.2024	**KOOR. SİSTEMİ :** *(Coordinate Syrstem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündoğan)	**EĞİM :** *(Dip)* 70	**BİTİŞ TARİHİ :** *(Ending Date)* 10.01.2024	**X (KUZEY) :** *(X-Northing)* 736357
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 340	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086102

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (M) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm³) *Density (gr/cm³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Quality Dos*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0	HQ	0.5	1		50.0	0.0		(0.0,4.0) Overburden: Koyu kahverengi renkli, kil.
1	HQ	0.5	1		50.0	0.0		
2	HQ	0.55	1		55.0	0.0		
3	HQ	0.6	1		60.0	0.0		
4	HQ	1	1		100.0	62.0		(4.0,32.3) Serpentinite: Koyu gri- gri, yer yer kahverengimsi, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit ve gabro çakıllı, yer yer breşli yapılı, kalsit dolguludur.
4	HQ	2.2	2.5		88.0	66.4		
5	HQ	0.6	1		60.0	15.0		
6	HQ	1.1	1.5		73.3	21.3		
7	HQ	0.6	1		60.0	0.0		
8	HQ	0.47	1		47.0	12.0		
9	HQ	0.5	1		50.0	0.0		
10	HQ	0.4	1		40.0	0.0		
11	HQ	0.8	1		80.0	39.0		
12	HQ	0.8	1.5		53.3	0.0		
13	HQ	1.5	1.5		100.0	34.0		
14	HQ	1.5	1.5		100.0	53.3		
15	HQ	1	1		100.0	43.0		
16	HQ	1.5	1.5		100.0	46.0		
17	HQ	2.5	2.5		100.0	9.6		
18	HQ	1	1		100.0	0.0		
19	HQ	1.5	1.5		100.0	22.0		
20	HQ	1.5	1.5		100.0	19.3		
21	HQ	1.5	1.5		100.0	0.0		
22	HQ	1.5	1.5		100.0	53.0		
23	HQ	2	2	2.52	100.0	27.0		(32.3,51.3) Chert Limestone: Bejimsi-kahverenginmsi renkli, yer yer gözenekli, sönekszlik yüzeyleri boyunca mm-cm boyutunda kil-silt doğulu, orta-yüksek, çok parçalıdır.
24	HQ	1	1.5		66.7	20.0		
25	HQ	1.5	1.5		100.0	76.0		
26	HQ	2.5	2.5		100.0	74.8		
27	HQ	1.5	1.5		100.0	34.7		
28	HQ	1.5	1.5		100.0	20.7		
29	HQ	1.44	1.5		96.0	68.7		
30	HQ	1.5	1.5		100.0	37.3		
31	HQ	1.7	1.7	2.61	100.0	63.5		
32	HQ	1.3	1.3		100.0	50.8		
33	HQ	1.3	1.3		100.0	38.1		
34	HQ	1	1		100.0	51.0		
35	HQ	0.7	0.7		100.0	17.1		
36	HQ	0.9	1		90.0	32.0		(51.3,70.0) Chert Limestone: Koyu grimsi-gri, gri renkli, yer yer masif ve parçalı, sönekszlik yüzeyleri boyunca mm-cm boyutunda kil-silt doğulu olup, 62.00-68.00 m aralığı bol kalsit dolguludur.
37	HQ	1	1		100.0	68.0		
38	HQ	3	3	2.65	100.0	82.3		
39	HQ	3	3		100.0	83.7		
40	HQ	3	3		100.0	81.3		
41	HQ	3	3		100.0	93.0		
42	HQ	3	3		100.0	93.7		
43	HQ	3	3		100.0	85.7		
44	HQ	3	3		100.0	55.3		
45	HQ	2	2		100.0	32.5		
46	HQ	1	1		100.0	88.0		
47	HQ	1.8	1.8		100.0	70.0		
48	HQ	1.2	1.2		100.0	81.5		
49	HQ	2	2		100.0	90.5		
50	HQ	1	1		100.0	84.0		
51	HQ	1	1		100.0	44.0		
52	HQ	2	2		100.0	63.5		
53	HQ	2	2		100.0	82.5		
54	HQ	1	1		100.0	70.0		
55	HQ	2	2		100.0	86.0		
56	HQ	1	1		100.0	88.0		
57	HQ	2.9	3		96.7	91.3		
58	HQ	1.5	2		75.0	36.5		
59	HQ	2	2		100.0	54.5		
60	HQ	1	1		100.0	0.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*
32.3		
39.5		
45		
51.2		
56		
60		
65		
70		
75		
80		
85		
90		
95		

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	ΔZ%
32.3	17964	0.46	55.66	1.54	0.27	0.04	<0.01	0.21	<0.01	41.67
39.5	17965	0.85	55.01	2.97	0.46	0.06	<0.01	0.35	<0.01	40.01
45	17966/ 17967	0.94	53.95	4.105	0.415	0.04	<0.01	0.34	<0.01	39.96
51.2	17968	2.06	51.35	4.3	0.96	0.04	<0.01	0.66	0.15	39.51
56	17969	0.78	54.72	1.76	0.45	<0.01	<0.01	0.55	<0.01	41.39
60	17990	0.48	55.95	1.36	0.23	<0.01	<0.01	0.52	<0.01	41.22
65	17991	0.55	55.26	1.16	0.22	<0.01	<0.01	0.56	<0.01	41.98
70	17992	0.41	54.58	0.99	0.19	<0.01	<0.01	0.56	<0.01	42.98
75	17994	0.35	55.11	0.83	0.16	<0.01	<0.01	0.53	<0.01	42.87
80	17995	0.41	55.87	0.99	0.18	<0.01	<0.01	0.57	<0.01	41.78
85	17996	0.18	55.24	0.4	0.09	<0.01	<0.01	0.39	<0.01	43.58
90	17997	0.32	55.4	0.75	0.23	<0.01	0.27	0.69	<0.01	42.19
95	17998	0.15	55.31	0.34	0.07	<0.01	<0.01	0.35	<0.01	43.67

TARİH : *Date* 25.01.2024

SONDAJ JEOLOĞU : *Borehole Geologist* Jeo. Müh. M. Avni TAPTIK

KONTROL EDEN : *Controlling* Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 153	**KUYU ADI** *(Borehole Name)*	**ADD-9**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 80.50	**BAŞLAMA TARİHİ :** *(Starting Date)* 16.01.2024	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 18.01.2024	**X (KUZEY) :** *(X-Northing)* 736470
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4085991

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manvra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ³) *Intensity (gr/cm ³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Litholoigy*	TANIMLAMA *Description*
0								(0.0,1.1) Chert Limestone: Bej renkli , tamamı kırıklı birleşiği.
1	HQ	0.9	1.00		90.0	0.0		
2	HQ	2	2.00		100.0	54.0		(1.1,5.0) Chert Limestone: Bej renkli, sert sıkı dokulu, yer yer kırıklı, stilolit çatlaklı ve yer yer sürekisizlik yüzeylerinde oksitlenme görmektedir.
3								
4	HQ	2	2.00		100.0	50.0		
5								(5.0,23.5) Limestone: Bej renkli, sert sıkı dokulu, yer yer kırıklı, stilolit çatlaklı ve yer yer sürekisizlik yüzeylerinde oksitlenme görmektedir.
6	HQ	1.5	2.00		75.0	43.5		
7								
8	HQ	1	1.50		66.7	48.7		
9								
10	HQ	0.9	1.50		60.0	46.7		
11								
12	HQ	1.1	1.50		73.3	56.7		
13								
14	HQ	1.6	1.90	2.64	84.2	58.4		
15								
16	HQ	2.1	2.60		80.8	70.0		
17								
18	HQ	2.2	3.00		73.3	33.3		
19								
20	HQ	1.5	3.00		50.0	34.3		
21								
22	HQ	1.3	3.00		43.3	12.0		
23								(23.5,25.0) Karstic Gap
24								
25								(25.0,43.5) Limestone: Bej renkli, masif, yer yer kırıklı, 39.00-43.50 m aralığı parçalıdır Sürekisizlik yüzeylerinde oksitlenme ve kil-silt dolgusu görülmektedir.
26	HQ	1.1	1.20		91.7	50.8		
27	HQ	1.6	1.80		88.9	63.9		
28								
29	HQ	2.5	3.00		83.3	64.7		
30								
31								
32	HQ	3	3.00		100.0	96.0		
33								
34								
35	HQ	3	3.00		100.0	65.7		
36								
37								
38	HQ	2	2.00		100.0	61.5		
39	HQ	0.5	0.60		53.3	21.7		
40	HQ	0.75	0.80		93.8	13.8		
41	HQ	0.6	0.60		100.0	40.0		
42	HQ	0.7	0.70		100.0	0.0		
43	HQ	0.5	0.80		62.5	0.0		
44	HQ	1	2.50		40.0	4.8		(43.5,45.0) Karstic Gap
45								(45.0,45.5) Limestone: Bej renkli, parçalıdır.
46								(45.5,48.0) Karstic Gap
47	HQ	0.5	3.00		16.7	0.0		
48								(48.0,48.5) Limestone: Bej renkli, parçalıdır.
49	HQ	0.5	2.00		25.0	0.0		(48.5,50.0) Karstic Gap
50								(50.0,50.6) Limestone: Bej renkli, parçalıdır.
51								(50.6,53.0) Karstic Gap
52	HQ	0.7	3.00		23.3	14.7		
53								(53.0,54.0) Limestone: Bej renkli, parçalıdır.
54	HQ	1.1	3.00		36.7	0.0		(54.0,56.0) Karstic Gap
55								
56								(56.0,57.0) Limestone: Bej renkli, parçalıdır.
57	HQ	1	3.00		33.3	0.0		(57.0,59.0) Karstic Gap
58								
59								(59.0,62.3) Limestone: Bej renkli, parçalıdır.
60	HQ	0.6	2.00		30.0	0.0		
61	HQ	0.5	1.00		50.0	0.0		
62								(62.3,65.0) Karstic Gap
63	HQ	0.3	3.00		10.0	0.0		
64								
65								(65.0,65.5) Limestone: Bej renkli, parçalıdır.
66								(65.5,68.0) Karstic Gap
67	HQ	0.5	3.00		16.7	7.3		
68								(68.0,68.1) Limestone: Bej renkli, parçalıdır.
69								(68.1,71.0) Karstic Gap
70	HQ	0.1	3.00		3.3	0.0		
71								(71.0,73.0) Serpentinite: Koyu gri- grı, yer yer kahverengimsi, matriksi soğuntuklia serpantinitlerden oluşan, serpantinit çakıllıdır.
72	HQ	0.3	1.50		20.0	10.0		
73	HQ	1.2	1.50		80.0	40.0		(73.0,80.5) Limestone: Bej renkli, masif, yer yer kırıklı, 78.00-79.00 m aralığı parçalıdır Sürekisizlik yüzeylerinde oksitlenme ve kil-silt dolgusu görülmektedir.
74								
75	HQ	2	2.00		100.0	81.0		
76								
77	HQ	1.5	1.50	2.64	100.0	85.3		
78	HQ	0.9	1.50		60.0	24.0		
79								
80	HQ	1.5	1.50		100.0	88.7		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	18224	0.57	55.73	1.33	0.18	<0.01	<0.01	0.3	<0.01	41.73
10	18225	0.37	55.69	0.62	0.16	0.02	<0.01	0.3	<0.01	42.69
15	18226/ 18226	0.25	55.95	0.43	0.135	0.012 5	<0.01	0.25	<0.01	42.88
20	18228	0.38	55.08	0.63	0.12	<0.01	<0.01	0.29	<0.01	43.36
25	18229	0.15	55.96	0.3	0.14	<0.01	<0.01	0.18	<0.01	43.18
30	18230	0.15	55.83	0.27	0.16	<0.01	<0.01	0.17	<0.01	43.34
35	18231	0.19	55.53	0.37	0.11	<0.01	<0.01	0.22	<0.01	43.47
40	18232	0.27	55.54	0.54	0.15	<0.01	<0.01	0.25	<0.01	43.12
45	18233	0.23	55.36	0.45	0.1	0.03	<0.01	0.26	<0.01	43.45
48	18234	0.18	55.85	0.33	0.12	<0.01	<0.01	0.23	<0.01	43.18
50	18234	0.18	55.85	0.33	0.12	<0.01	<0.01	0.23	<0.01	43.18
53	18236	0.19	55.38	0.39	0.13	<0.01	<0.01	0.28	<0.01	43.5
56	18236	0.19	55.38	0.39	0.13	<0.01	<0.01	0.28	<0.01	43.5
59	18237	0.15	55.73	0.28	0.1	0.02	<0.01	0.23	<0.01	43.39
65	18238	0.14	55.58	0.24	0.14	<0.01	<0.01	0.14	<0.01	43.67
68	18238	0.14	55.68	0.24	0.14	<0.01	<0.01	0.14	<0.01	43.67
71	18239	0.13	55.6	0.24	0.07	<0.01	<0.01	0.2	<0.01	43.71
75	18240	0.11	55.46	0.2	0.08	<0.01	<0.01	0.19	<0.01	43.89
	18241	0.21	55.31	0.38	0.09	<0.01	<0.01	0.16	<0.01	43.76

TARİH : *Date*	25.01.2024
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK 2

MİTUS ARAMA VE PROJE A.Ş.

PROJE ADI : (Project Name) ERI3137103_Vigne Madencilik	**SONDAJ KOTU :** (Borehole Elevation) 142	**KUYU ADI** (Borehole Name)	**ADD-10A**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** (Borehole Depth) 151.00	**BAŞLAMA TARİHİ :** (Starting Date) 13.01.2024	**KOOR. SİSTEMİ :** (Coordinate System) ED-50_Zon36
LOKASYON : (Location) Adanar Ceyhan (Gündoğan)	**EĞİM :** (Dip) 60	**BİTİŞ TARİHİ :** (Ending Date) 15.01.2024	**X (KUZEY) :** (X-Northing) 736486
MADENİN CİNSİ : (Type of Ore) Kalker	**EĞİM YÖNÜ :** (Dip direction) 270	**LOG ÖLÇEĞİ :** (Log Scale) 1/100	**Y (DOĞU) :** (Y-Easting) 4085799

Derinlik (m) Depth (m)	Karot Çapları Core Calibre	Numune Boyu Sample Length (m)	Yığışımlı İlerleme (m) Cumulative Progress (m)	Karot Türü (%) Core Recovery	RQD (%) Rock Quality Designation	LİTOLOJİ Lithology	TANIMLAMA Description
0							
1	HQ	0.8	1	80.0	48.0		(0.0,18.1) Limestone: Beş renkli, masif, sonkesitte düzensiz, sonkesitte yüzeyleri boyunca mm- cm boyutunda kalsit dolgulu, seyrek çatlaklı.
2	HQ	0.9	1	90.0	70.0		
3	HQ	1.4	1.5	93.3	62.0	2.62	
4				94.0	80.4		
5	HQ	2.1	2.5				
6				96.7	96.7		
7	HQ	2.9	3				
8				100.0	100.0		
9	HQ	1	1	100.0	100.0		
10	HQ	1	1				
11				100.0	100.0		
12	HQ	3	3				
13				100.0	100.0		
14							
15	HQ	3	3	100.0	100.0		
16							
17	HQ	2.8	3	93.3	86.7		
18							
19	HQ	1	1	100.0	60.0	2.52	(19.1,70.6) Serpentinite: Beş renkli, masif, kahverengimsi, mattlıkli yoğunluklu, serpentinitlerden oluşan, serpantinit ve gabro çakıllı, yer yer limçak dişeri, kalsit dolgulular.
20	HQ	0.8	1	80.0	44.0		
21	HQ	0.8	1		60.0		
22				86.4	0.0		
23	HQ	0.95	1.1				
24				84.2	12.9		
25	HQ	1.6	1.9				
26				100.0	66.7		
27	HQ	1.5	1.5				
28				93.7	14.3		
29	HQ	1.2	1.4	91.7	22.9		
30							
31	HQ	1.6	1.6	100.0	93.1		
32				100.0	46.9		
33	HQ	1.5	1.5				
34				100.0	97.5		
35	HQ	2	2				
36				100.0	86.0		
37	HQ	2.5	2.5				
38				100.0	70.0		
39	HQ	1	1				
40				95.0	60.0		
41	HQ	1.9	2				
42				100.0	10.3		
43	HQ	1.2	1.2				
44				90.0	70.0		
45	HQ	1	1				
46				100.0	27.6		
47	HQ	1.8	1.8				
48				100.0	70.0		
49	HQ	2	2				
50				100.0	55.0		
51	HQ	2	2				
52				100.0	0.0		
53	HQ	1	1				
54				100.0	0.0		
55	HQ	2	2				
56				100.0	33.3		
57	HQ	1.5	1.5				
58				95.4	13.3		
59	HQ	1.9	2				
60				93.3	21.3		
61	HQ	1.4	1.5				
62				93.3	6.7		
63	HQ	1.4	1.5				
64				100.0	2.7		
65	HQ	1.5	1.5				
66				80.0	0.0		
67	HQ	0.6	1	60.0	0.0		
68	HQ	0.6	1	60.0	17.0		
69	HQ	0.4	1	33.3	0.0		
70	HQ	0.85	1				
71				33.3	0.0		
72	HQ	0.95	1				
73				33.3	0.0		
74	HQ	0.5	1				
75				40.0	0.0		
76	HQ	0.8	1	80.0	0.0		
77				80.0	0.0		
78	HQ	0.5	1				
79				100.0	45.0		
80	HQ	1	1				(70.6,75.5) Chert: Yeşilimsi, beş renkli, masif, sonkesitte düzensiz yüzeyleri boyunca mm- cm boyutunda kalsit dolgulular.
81				94.7	26.0		
82	HQ	2.9	3				
83				100.0	26.7		(75.5,115.0) Limestone: Beş renkli, masif, sonkesitte yüzeyleri boyunca mm- cm boyutunda kalsit dolgulular.
84	HQ	3	3				
85				100.0	62.0		
86	HQ	2	2				
87				100.0	94.0		
88	HQ	2	2				
89				100.0	97.0		
90	HQ	2	2				
91				100.0	94.0		
92	HQ	3	3				
93				100.0	100.0		
94	HQ	3	3			2.65	
95				100.0	100.0		
96	HQ	3	3				
97				100.0	97.0		
98	HQ	3	3				
99				100.0	80.0		
100	HQ	1.3	1.3				
101				100.0	73.5		
102	HQ	1.7	1.7				
103				100.0	93.3		
104	HQ	3	3				
105				100.0	97.3		
106	HQ	3	3				
107				100.0	96.0		
108	HQ	3	3				
109				100.0	93.3		
110	HQ	2	2				
111				100.0	100.0		
112	HQ	3	3				
113				100.0	100.0		
114							
115	HQ	3	3	100.0	88.3		
116							
117	HQ	2	2	100.0	95.0		(115.0,120.0) Limestone: Beş renkli, masif, sonkesitte yüzeyleri boyunca mm- cm boyutunda kalsit dolgulular.
118	HQ	2	2	100.0	88.0		
119							
120	HQ	3	3	100.0	93.3		(120.0,145.0) Limestone: Beş renkli, masif, sonkesitte yüzeyleri boyunca mm- cm boyutunda kalsit dolgulular.
121							
122	HQ	3	3	100.0	75.3		
123							
124	HQ	1.5	1.5	100.0	73.3		
125							
126	HQ	1.45	1.5	96.7	64.0		
127							
128	HQ	3	3	100.0	86.0		
129							
130	HQ	3	3	100.0	96.0		
131							
132	HQ	3	3	100.0	96.0		
133							
134	HQ	2	2	100.0	100.0		
135							
136	HQ	3	3	100.0	94.7		
137							
138	HQ	1.85	2	92.5	33.0		
139							
140	HQ	2.9	3	96.7	90.0		(145.0,151.0) Chert: Yeşilimsi, beş renkli, masif, sonkesitte düzensiz yüzeyleri boyunca mm- cm boyutunda kalsit dolgulular.
141							
142	HQ	2	2	100.0	75.0		
143							
144	HQ	1.95	2	97.5	79.0		
145							
146							
147							
148							
149							
150							
151							

Min-PetrXRD Analiz Sonuçları
Min-PetrXRD Analysis Results

Derinlik (m) Depth (m)	Numune No Sample No	Tanımlama Description

Kimyasal Analiz Sonuçları
Chemical Analysis Results

Derinlik (m) Depth (m)	Numune No Sample No	Al$_2$O$_3$ %	CaO %	BiO β_2 %	Fe$_2$O$_3$ %	MnO%	Cr$_2$O$_3$ %	MgO%	TiO$_2$%	A.Z%
0										
5	16201	0.35	55.47	0.69	0.17	<0.01	<0.01	0.35	<0.01	43.81
10	16202	0.18	55.56	0.37	0.07	<0.01	<0.01	0.41	<0.01	43.27
	16203	0.39	55.47	0.64	0.12	<0.01	<0.01	0.27	<0.01	42.98
15	16204	0.22	55.54	0.41	0.09	<0.01	<0.01	0.24	<0.01	43.06
70.6										
75	16206	0.96	52.79	1.81	0.36	<0.01	<0.01	0.53	<0.01	40.06
	16207	0.45	55.64	0.86	0.13	<0.01	<0.01	0.46	<0.01	42.26
80	16208	0.26	55.76	0.49	0.1	<0.01	<0.01	0.39	<0.01	42.67
85	16209	0.18	55.12	0.4	0.04	<0.01	<0.01	0.28	<0.01	43.87
90	16210/16211	0.245	54.75	0.525	0.095	<0.01	<0.01	0.36	<0.01	43.165
95	16212	0.42	55.81	0.97	0.16	<0.01	<0.01	0.4	<0.01	42.04
100	16213	0.17	55.96	0.4	0.08	<0.01	<0.01	0.33	<0.01	43.04
105	16214	0.11	55.46	0.2	0.05	<0.01	<0.01	0.31	<0.01	43.79
110	16215	0.34	55.54	0.66	0.13	<0.01	<0.01	0.39	<0.01	42.78
115	16216	0.67	53.67	1.36	0.25	<0.01	<0.01	0.48	<0.01	41.29
120	16217	0.47	55.04	0.9	0.18	<0.01	<0.01	0.5	<0.01	41.81
125	16218	0.31	55.9	0.58	0.16	<0.01	<0.01	0.25	<0.01	42.74
130	16220	0.11	55.9	0.2	0.04	<0.01	<0.01	0.29	<0.01	43.49
135	16221	0.19	56.01	0.36	0.07	<0.01	<0.01	0.37	<0.01	42.99
140	16222	0.4	55.1	0.88	0.16	<0.01	<0.01	0.49	<0.01	42.78
145	16223	1.52	54.55	2.67	0.54	<0.01	<0.01	0.51	<0.01	39.66

TARİH : (Date)	25.01.2024
SONDAJ JEOLOĞU : (Borehole Geologist)	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : (Controlling)	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 142	**KUYU ADI** *(Borehole Name)*	**ADD-10B**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 81.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 11.01.2021	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 80	**BİTİŞ TARİHİ :** *(Ending Date)* 12.01.2024	**X (KUZEY) :** *(X-Northing)* 736486
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 270	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4085799

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manvra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm 3) *Intensity (gr/cm 3)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Litholigy*	TANIMLAMA *Description*
0								
1	HQ	0.7	1.00		70.0	0.0		(0.0.3.0) Overburden; Kahverengimsi renkli, zemin niteliğinde, kireçtaşı çakıllıdır.
2	HQ	0.9	1.00		90.0	28.0		
3	HQ	0.9	1.00		90.0	19.0		
4	HQ	1	1.00		100.0	100.0		(3.0.14.0) Limestone; Bejimsi- kahverengimsi renkli, yer yer gözenekli, süreksizlik yüzeyleri boyunca mm-cm boyutunda kil dolgulu, verev çatlaklı, çok parçalıdır.
5	HQ	0.8	1.00	2.63	80.0	67.0		
6	HQ	2	2.00		100.0	87.0		
7	HQ	1	1.00		100.0	77.0		
8								
9	HQ	3	3.00		100.0	93.0		
10								
11								
12	HQ	3	3.00		100.0	90.7		
13								
14								
15	HQ	1.3	1.30		100.0	0.0		(14.0.81.0) Serpentinite; Koyu gri- grl, yer yer kahverengimsi, matriksi soğunluklia serpantinitlerden oluşan, serpantinil ve gabro çakıllı, yer yer breşik yapılı, kalsit dolguludur.
16	HQ	1.7	1.70		100.0	28.2		
17								
18	HQ	2	2.00		100.0	0.0		
19								
20	HQ	1	1.00		100.0	17.0		
21	HQ	1.3	1.50		86.7	38.7		
22								
23	HQ	1.21	1.50		80.7	18.7		
24								
25	HQ	1.27	1.50		84.7	0.0		
26								
27	HQ	1.4	1.50		93.3	0.0		
28	HQ	0.7	1.00		70.0	0.0		
29	HQ	0.66	1.00		66.0	0.0		
30	HQ	0.8	1.00		80.0	0.0		
31	HQ	0.8	1.00		80.0	0.0		
32	HQ	0.8	1.00		80.0	0.0		
33	HQ	0.8	1.00		80.0	12.0		
34	HQ	0.7	1.00		70.0	33.0		
35	HQ	0.6	0.90		66.7	26.7		
36	HQ	0.75	1.10		68.2	12.7		
37	HQ	0.9	1.00		90.0	0.0		
38	HQ	0.8	1.00		80.0	32.0		
39	HQ	0.7	1.00		70.0	14.0		
40	HQ	0.7	0.80		87.5	16.3		
41	HQ	1.2	1.20		100.0	0.0		
42	HQ	1	1.00		100.0	0.0		
43	HQ	1.5	1.50		100.0	14.7		
44	HQ	1.5	1.50		100.0	15.3		
45								
46	HQ	3	3.00		100.0	88.0		
47								
48	HQ	1	1.00		100.0	48.0		
49	HQ	1	1.00		100.0	12.0		
50	HQ	1.2	1.20		100.0	39.2		
51	HQ	1.8	1.80		100.0	84.4		
52								
53	HQ	2	2.00		100.0	98.0		
54								
55	HQ	3	3.00		100.0	83.7		
56								
57	HQ	2	2.00		100.0	54.5		
58								
59	HQ	3	3.00		100.0	80.0		
60								
61	HQ	1	1.00		100.0	83.0		
62								
63	HQ	3	3.00		100.0	98.3		
64								
65								
66	HQ	3	3.00		100.0	100.0		
67								
68	HQ	3	3.00		100.0	100.0		
69								
70								
71	HQ	3	3.00		100.0	98.0		
72								
73								
74	HQ	2	2.00		100.0	70.0		
75	HQ	1	1.00		100.0	71.0		
76	HQ	1.2	1.20		100.0	0.0		
77								
78	HQ	1.7	1.80		94.4	31.1		
79								
80								
81								

Min-Pet/XRD Analiz Sonuçları
Min-Pet/XRD Analysis Results

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları
Chemical Analysis Results

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
3										
	18095	0.29	55.71	0.59	0.13	<0.01	<0.01	0.28	<0.01	42.87
8.5										
	18097	0.28	55.75	0.56	0.17	<0.01	<0.01	0.23	<0.01	42.92

TARİH : *Date*	25.01.2024
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 275	**KUYU ADI** *(Borehole Name)*	**ADD-11A**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 102.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 1.01.2024	**KOOR. SİSTEMİ :** *(Coordinate Syrstem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündoğan)	**EĞİM :** *(Dip)* 80	**BİTİŞ TARİHİ :** *(Ending Date)* 03.01.2024	**X (KUZEY) :** *(X-Northing)* 736061
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 349	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086517

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (M) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm³) *Density (gr/cm³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*	Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results* Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*	Kimyasal Analiz Sonuçları *Chemical Analysis Results* Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	SiO₂ %	Fe_2O_3 %	MnO %	Cr_2O_3 %	MgO %	TiO_2 %	A.Z %
0	HQ	0.5	1		50.0	0.0		(0.00-18.00) Serpentinite: Yeşilimsi, grimsi renkli, masif, kırıklı, çatlaklı, dayanımlı, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit, peridotit (15.00-16.00 Lizardit mineralce) şekillidir.														
1	HQ	0.5	1		50.0	0.0															
2	HQ	0.6	1		60.0	0.0															
3	HQ	0.7	1		70.0	0.0															
4	HQ	0.7	1		70.0	0.0															
5	HQ	0.5	1		50.0	0.0															
6	HQ	0.5	1		50.0	0.0															
7	HQ	0.6	1		60.0	0.0															
8	HQ	0.4	1		40.0	0.0															
9	HQ	0.6	1		60.0	0.0															
10	HQ	0.4	1		40.0	0.0															
11	HQ	1	1		100.0	0.0															
12	HQ	0.7	1		70.0	0.0															
13	HQ	1.5	1.5		100.0	63.3															
14	HQ	1.5	1.5		100.0	16.7															
15	HQ	2	2		100.0	65.0															
16	HQ	2	2		100.0	75.0		(18.00-33.00) Breccia: Yeşilimsi, grimsi renkli,matriksi çoğunlukla serpantinitlerden oluşan, serpantinit, mikro gabro ve peridotit (18.00-19.00 ve 20 ve 22 Uncharted zones mineralojisinde serpantinit), sözeksiklikler verim ve paralel olup, yer yer 1-4 cm arasında değişen çatlaklı, dolgulu, 75-80-83-10 m aralığı masif.														
17	HQ	2	2		100.0	95.0															
18	HQ	2	2		100.0	95.0															
19	HQ	3	3		100.0	98.3															
20	HQ	2	2		100.0	90.0															
21	HQ	2	2		100.0	47.5															
22	HQ	1.4	1.5		93.3	50.0															
23	HQ	1.4	1.5		93.3	0.0		(33.00-80.10) Serpentinite: Yeşilimsi, grimsi renkli, matriksi çoğunlukla serpantinitlerden oluşan, serpantinit, mikro gabro ve peridotit (33.00-34.00 ve per 42 Uncharted zones mineralojisinde serpantinit), sözeksiklikler verim ve paralel olup, yer yer 1-4 cm arasında değişen çatlaklı, dolgulu, 75-80-83-10 m aralığı masif.														
24	HQ	1	1		100.0	0.0															
25	HQ	0.8	1		80.0	0.0															
26	HQ	0.9	1		90.0	0.0															
27	HQ	1.3	1.5		86.7	0.0															
28	HQ	1.5	1.5		100.0	33.3															
29	HQ	2	2		100.0	0.0															
30	HQ	1	1		100.0	0.0															
31	HQ	1.4	1.5		93.3	13.3															
32	HQ	1.4	1.5		93.3	33.3															
33	HQ	2	2		100.0	35.0															
34	HQ	1	1		100.0	50.0															
35	HQ	2	2		100.0	10.0															
36	HQ	1	1		100.0	24.0															
37	HQ	2	2		100.0	67.5															
38	HQ	1	1		100.0	90.0															
39	HQ	2	2		100.0	72.5															
40	HQ	1	1		100.0	85.0															
41	HQ	3	3		100.0	80.0															
42	HQ	2.3	3		76.7	20.0															
43	HQ	1.3	1.3		100.0	53.9															
44	HQ	1.7	1.7		100.0	29.4															
45	HQ	1.4	1.4		100.0	64.3															
46	HQ	1.6	1.6		100.0	40.6															
47	HQ	3	3		100.0	14.3															
48	HQ	3	3		100.0	26.7															
49	HQ	3	3		100.0	97.3															
50	HQ	3	3	2.66	100.0	91.0		(80.10-102.00) Limestone: Bej renkli, masif, kırıklı, sözeksizlikler paralel, yer yer intraklastlı mitritik kireçtaşı.				80.2	17794	0.08	55.18	0.29	0.06	<0.01	<0.01	0.27	<0.01	43.03
51	HQ	3	3		100.0	96.7						85										
52	HQ	2.6	3		86.7	81.7							17795	0.10	55.56	0.25	0.04	<0.01	<0.01	0.52	<0.01	43.19
53	HQ	3	3		100.0	96.7						90										
54	HQ	3	3		100.0	94.0							17796	0.10	55.01	0.21	0.03	<0.01	<0.01	0.31	<0.01	43.01
55	HQ	3	3		100.0	81.7						95										
56	HQ	3	3		100.0	98.3							17797/ 17798	0.13	55.53	0.25	0.03	<0.01	<0.01	0.28	<0.01	43.11
57	HQ	1	1		100.0	100.0																

TARİH : *Date* 25.01.2024

SONDAJ JEOLOĞU : *Borehole Geologist* Jeo. Müh. M. Avni TAPTIK

KONTROL EDEN : *Controlling* Jeo.Yük. Müh. Deniz GÖÇ

MITUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK 2

MITUS ARAMA VE PROJE A.Ş.

PROJE ADI : *(Project Name)* ER3137103_Vigne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 275	**KUYU ADI** *(Borehole Name)*	**ADD-11B**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 158.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 16.12.2023	**KOOR. SİSTEMİ :** *(Coordinate System)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündoğan)	**EĞİM :** *(Dip)* 60	**BİTİŞ TARİHİ :** *(Ending Date)* 04.01.2024	**X (KUZEY) :** *(N Northing)* 736061
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 349	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y Easting)* 4086517

Derinlik (m) *Depth (m)*	Core Kutusu *Core Number*	Core Recovery *Core Recovery (%)*	Yoğunluk (gr/cm³) *Density (gr/cm³)*	Karot TCR (%) *Karot Total Core Recovery*	RQD (%) *Rock Quality Des.*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*	Min-PetXRD Analiz Sonuçları *Min-PetXRD Analysis Results*			Kimyasal Analiz Sonuçları *Chemical Analysis Results*																	
								Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*	Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO %	MgO %	TiO_2 %	$A.Z$ %								
0	HQ	1	1				(0.0-14.0) Serpantinite: Yeşilimsi, grimsi renkli, mikrokristalenlik, masif, oluşumlu, matriks çoğunlukta serpantinleşmiş olupen, serpantinit, peridotit (0.00-7.00 =) yanın metaglenetz çakıltaşı																		
1	HQ	1	1																								
2	HQ	0.8	1																								
3	HQ	1.5	1.5																								
4	HQ	1.5	1.5																								
5	HQ	1.5	1.5																								
6	HQ	1.4	1.5																								
7	HQ	0.85	1																								
8	HQ	0.8	1																								
9	HQ	1	1																								
10	HQ	1.5	1.5				(14.0-21.0) Breccia: Yeşilimsi, grimsi renkli,mikrokristalenlik, masif, kireçtaşı çakıltaşı.																		
11	HQ	1.5	1.5																								
12	HQ	3	3	2.62																							
13	HQ	3	3																								
14	HQ	3	3																								
15	HQ	3	3																								
16	HQ	3	3					27.80-27.93	17541	Pet: Dolomitli parçalar içeren kalsitlerenik (cto) bireç																
17	HQ	3	3																								
18	HQ	2	2.5																								
19	HQ	1.5	2.5				(21.0-44.1) Serpantinite: Yeşilimsi, grimsi renkli, mavimsi çoğunlukta serpantinleşmiş olupen, serpantinit, mikro gabro (21.00-28.00 =) yanın metaglenetz çakıltaşı (28.00-44.10 =) ve arakiçi mayıl.																		
20	HQ	1	1.5																								
21	HQ	1.1	1.5																								
22	HQ	1.5	1.5																								
23	HQ	0.5	1.5																								
24	HQ	2.5	3																								
25	HQ	1	1																								
26	HQ	3	3				(44.1-101.8) Limestone: Yeşilimsi, grimsi renkli,mikrokristalenlik, masif, kireçtaşı çakıltaşı.																		
27	HQ	3	3																								
28	HQ	3	3																								
29	HQ	3	3					57.80-57.93	17542	Pet: Mikritik kireçtaşı																
30	HQ	3	3																								
31	HQ	3	3																								
32	HQ	3	3																								
33	HQ	3	3																								
34	HQ	3	3																								
35	HQ	3	3																								
36	HQ	3	3																								
37	HQ	3	3																								
38	HQ	3	3																								
39	HQ	3	3																								
40	HQ	3	3																								
41	HQ	3	3																								
42	HQ	3	3																								
43	HQ	3	3																								
44	HQ	3	3																								
45	HQ	3	3																								
46	HQ	3	3																								
47	HQ	3	3																								
48	HQ	3	3																								
49	HQ	3	3																								
50	HQ	3	3																								
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65	HQ	3	3																								
66	HQ	3	3																								
67	HQ	3	3																								
68	HQ	3	3																								
69	HQ	3	3																								
70	HQ	3	3																								
71	HQ	3	3																								
72	HQ	3	3																								
73	HQ	3	3																								
74	HQ	3	3																								
75	HQ	3	3																								
76	HQ	3	3																								
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120	HQ	2.9	3																								
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130	HQ	3	3																								
131	HQ	3	3																								
132	HQ	3	3																								
133	HQ	3	3																								
133.8	HQ	3	3	2.69			(131.8-158.0) Breccia: Yeşilimsi, grimsi renkli,mikrokristalenlik, masif, kireçtaşı çakıltaşı.																		
134	HQ	3	3																								
135	HQ	3	3																								
136	HQ	3	3																								
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154	HQ	3	3																								
155	HQ	3	3																								
156	HQ	3	3																								
157	HQ	3	3					158.00-157.93	17543	Pet: Mikritik kireçtaşı																
158	HQ	3	3																								

TARİH : *Date*	25.01.2024
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUŞ ARAMA

EK 2

SONDAJ LOGU
BOREHOLE LOG

MİTUŞ ARAMA VE PROJE A.Ş.

PROJE ADI : (Project Name) ER3137103_Yigma Madencilik	**SONDAJ KOTU :** (Borehole Elevation) 281	**KUYU ADI** (Borehole Name)	**ADD-12A**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** (Borehole Depth) 152.00	**BAŞLAMA TARİHİ :** (Starting Date) 25.12.2023	**KOOR. SİSTEMİ :** (Coordinate System) ED-50_Zon36
LOKASYON : (Location) Adanar Ceyhan (Gündogan)	**EĞİM :** (Dip) 60	**BİTİŞ TARİHİ :** (Ending Date) 30.12.2023	**X (KUZEY) :** (X-Northing) 736178
MADENİN CİNSİ : (Type of Ore) Kalker	**EĞİM YÖNÜ :** (Dip direction) 336	**LOG ÖLÇEĞİ :** (Log Scale) 1/100	**Y (DOĞU) :** (Y-Easting) 4086563

Derinlik (m) Depth (m)	Karot Çapı Core Caliber	Ilerleme (m) Advance (m)	Yığışımlı Uzunluk (m) Cumulative Length (m)	Karot Boyu Core Length (m)	Karot % (TCR) Core Recovery	RQD (%) Rock Quality Designation (RQD)	LİTOLOJİ Lithology	TANIMLAMA Description
0								
1	HQ	0.78	1.00	78.0	0.0			(0.0-52.3) Serpentinite; dark green, fine to medium grained, massive, matrix supported, moderately to highly weathered in upper, serpentinit, peridotit ve kireçtaşı çakılı, zayıf çimentolu, 0.0-2.0 m arasında, matrix supported, aşırı ayrışmış, çok yumuşak, 2.0-52.3 m arasında, matrix supported, orta sert kayaç.
2	HQ	0.82	1.00	82.0	0.0			
3	HQ	0.8	1.00	80.0	0.0			
4	HQ	0.8	1.00	80.0	0.0			
5	HQ	0.8	1.00	80.0	0.0			
6	HQ	1.1	1.50	73.3	0.0			
7	HQ	1.1	1.50	73.3	0.0			
8	HQ	1.1	1.50	73.3	0.0			
9	HQ	1.2	1.30	92.3	0.0			
10	HQ	0.7	0.70	100.0	42.9			
11	HQ	1	1.00	100.0	0.0			
12	HQ	2	2.00	100.0	0.0			
13	HQ	1	1.00	100.0	0.0			
14	HQ	1.7	1.70	100.0	58.2			
15	HQ	1.3	1.30	100.0	38.5			
16	HQ	1.2	1.20	100.0	0.0			
17	HQ	1.75	1.80	97.2	0.0			
18	HQ	1.8	1.80	100.0	0.0			
19	HQ	1.2	1.20	100.0	29.2			
20	HQ	1.4	1.50	93.3	70.0			
21	HQ	1.3	1.50	86.7	20.0			
22	HQ	0.7	1.00	70.0	0.0			
23	HQ	1.7	2.00	85.0	0.0			
24	HQ	0.8	1.00	80.0	0.0			
25	HQ	0.83	1.00	83.0	21.0			
26	HQ	0.7	1.00	70.0	0.0			
27	HQ	0.7	1.00	70.0	13.0			
28	HQ	1	1.00	100.0	17.0			
29	HQ	1.4	1.50	93.3	21.0			
30	HQ	1.7	1.70	100.0	64.7			
31	HQ	1.4	1.40	100.0	91.5			
32	HQ	1.5	1.50	100.0	64.3			
33	HQ	2.7	2.70	100.0	85.0			
34	HQ	1.2	1.30	92.3	88.5			
35	HQ	2	2.00	100.0	0.0			
36	HQ	3	3.00	100.0	27.5			
37	HQ	2.5	3.00	83.3	85.0			
38	HQ	2	2.00	100.0	73.5			
39	HQ	1	1.00	100.0	100.0			(52.3-139.5) Limestone (lst); white, fine grained, sukkroidiket parasit, yer yer mineralizeli mitrik kireçtaşı.
40	HQ	2.6	2.60	100.0	85.0			
41	HQ	3	3.00	100.0	88.5			
42	HQ	2.4	2.40	100.0	93.0			
43	HQ	1	1.00	100.0	72.5			
44	HQ	3	3.00	100.0	100.0			
45	HQ	3	3.00	100.0	95.0			
46	HQ	1	1.00	100.0	100.0			
47	HQ	2	2.00	100.0	100.0			
48	HQ	3	3.00	100.0	100.0			
49	HQ	2.5	3.00	83.3	93.3			
50	HQ	3	3.00	100.0	93.3			
51	HQ	3	3.00	100.0	100.0			
52	HQ	3	3.00	100.0	96.7			
53	HQ	3	3.00	100.0	93.3			
54	HQ	3	3.00	100.0	100.0			
55	HQ	3	3.00	100.0	96.7			
56	HQ	3	3.00	100.0	96.0			
57	HQ	3	3.00	100.0	96.7			
58	HQ	3	3.00	100.0	95.0			
59	HQ	3	3.00	100.0	97.3			
60	HQ	3	3.00	100.0	96.7			
61	HQ	3	3.00	100.0	100.0			
62	HQ	3	3.00	100.0	100.0			
63	HQ	3	3.00	100.0	96.7			
64	HQ	2.9	3.00	96.7	90.0			
65	HQ	3	3.00	100.0	96.7			
66	HQ	3	3.00	100.0	96.7			
67	HQ	1.2	1.20	100.0	58.3			
68	HQ	1.6	1.60	100.0	86.6			
69	HQ	2	2.00	100.0	95.0			
70	HQ	3	3.00	100.0	86.7			
71	HQ	3	3.00	100.0	100.0			(139.5-148.4) Breccia; Yellowish brown, fine grained, sert, matrix supported, kısmen kireçtaşı çakıllıdır.
72	HQ	3	3.00	100.0	76.7			
73	HQ	3	3.00	100.0	96.7			
74	HQ	3	3.00	100.0	96.7			
75	HQ	3	3.00	100.0	96.7			
76	HQ	3	3.00	100.0	96.7			
77	HQ	3	3.00	100.0	96.7			
78	HQ	3	3.00	100.0	96.7			
79	HQ	3	3.00	100.0	96.7			
80	HQ	3	3.00	100.0	96.7			
81	HQ	3	3.00	100.0	96.7			
82	HQ	3	3.00	100.0	96.7			
83	HQ	3	3.00	100.0	96.7			
84	HQ	3	3.00	100.0	96.7			
85	HQ	3	3.00	100.0	96.7			
86	HQ	3	3.00	100.0	96.7			
87	HQ	3	3.00	100.0	96.7			
88	HQ	3	3.00	100.0	96.7			
89	HQ	3	3.00	100.0	96.7			
90	HQ	3	3.00	100.0	96.7			
91	HQ	3	3.00	100.0	96.7			
92	HQ	3	3.00	100.0	96.7			
93	HQ	3	3.00	100.0	96.7			
94	HQ	3	3.00	100.0	96.7			
95	HQ	3	3.00	100.0	96.7			
96	HQ	3	3.00	100.0	96.7			
97	HQ	3	3.00	100.0	96.7			
98	HQ	3	3.00	100.0	96.7			
99	HQ	3	3.00	100.0	96.7			
100	HQ	3	3.00	100.0	96.7			
101	HQ	3	3.00	100.0	96.7			
102	HQ	3	3.00	100.0	96.7			
103	HQ	3	3.00	100.0	96.7			
104	HQ	3	3.00	100.0	96.7			
105	HQ	3	3.00	100.0	96.7			
106	HQ	3	3.00	100.0	96.7			
107	HQ	3	3.00	100.0	96.7			
108	HQ	3	3.00	100.0	96.7			
109	HQ	3	3.00	100.0	96.7			
110	HQ	3	3.00	100.0	96.7			
111	HQ	3	3.00	100.0	96.7			
112	HQ	3	3.00	100.0	96.7			
113	HQ	3	3.00	100.0	96.7			
114	HQ	3	3.00	100.0	96.7			
115	HQ	3	3.00	100.0	96.7			
116	HQ	3	3.00	100.0	96.7			
117	HQ	3	3.00	100.0	96.7			
118	HQ	3	3.00	100.0	96.7			
119	HQ	3	3.00	100.0	96.7			
120	HQ	3	3.00	100.0	96.7			
121	HQ	3	3.00	100.0	96.7			
122	HQ	3	3.00	100.0	96.7			
123	HQ	3	3.00	100.0	96.7			
124	HQ	3	3.00	100.0	96.7			
125	HQ	3	3.00	100.0	96.7			
126	HQ	3	3.00	100.0	96.7			
127	HQ	3	3.00	100.0	96.7			
128	HQ	3	3.00	100.0	96.7			
129	HQ	3	3.00	100.0	96.7			
130	HQ	3	3.00	100.0	96.7			
131	HQ	3	3.00	100.0	96.7			
132	HQ	3	3.00	100.0	96.7			
133	HQ	3	3.00	100.0	96.7			
134	HQ	3	3.00	100.0	96.7			
135	HQ	3	3.00	100.0	96.7			
136	HQ	3	3.00	100.0	96.7			
137	HQ	3	3.00	100.0	96.7			
138	HQ	3	3.00	100.0	96.7			
139	HQ	3	3.00	100.0	96.7			
140	HQ	3	3.00	100.0	96.7			
141	HQ	3	3.00	100.0	96.7			
142	HQ	3	3.00	100.0	96.7			
143	HQ	3	3.00	100.0	96.7			
144	HQ	3	3.00	100.0	96.7			
145	HQ	3	3.00	100.0	96.7			
146	HQ	3	3.00	100.0	96.7			
147	HQ	3	3.00	100.0	96.7			
148	HQ	3	3.00	100.0	96.7			
149	HQ	3	3.00	100.0	96.7			
150	HQ	3	3.00	100.0	96.7			
151	HQ	3	3.00	100.0	96.7			
152	HQ	3	3.00	100.0	96.7			

Min-PetXRD Analiz Sonuçları
Min-PetXRD Analysis Results

Derinlik (m) Depth (m)	Numune No Sample No	Tanımlama Description
52.2		
60		
65		
70		
75		
80		
85		
90		
95		
100		
105	105.00-105.80	17539 Perl. Mikritik kireçtaşı
110		
115		
120		
125		
130		
135		
140	139.70-139.80	17540 Perl. Kalsitli ve dolomitli hasaç parçaları içeren kalsitsiest (oto breş)
145		
150		

Kimyasal Analiz Sonuçları
Chemical Analysis Results

Derinlik (m) Depth (m)	Numune No Sample No	Al$_2$O$_3$ %	CaO %	BaO %	Fe$_2$O$_3$ %	MnO%	Cr$_2$O$_3$ %	MgO%	TiO$_2$%	A.Z%
52.2										
60										
65										
70										
75										
80										
85										
90										
95										
100										
105										
110										
115										
120										
125										
130										
135										
140										
145										
150										
	17766-17769	0.13	55.97	0.305	0.05	<0.01	<0.01	0.34	<0.01	43.135
	17770	0.1	55.53	0.29	0.04	<0.01	<0.01	0.27	<0.01	43.56
	17771	<0.01	55.99	0.07	0.02	<0.01	<0.01	0.23	<0.01	43.94
	17772	0.05	55.84	0.08	0.01	<0.01	<0.01	0.22	<0.01	43.69
	17773	0.04	55.72	0.09	0.01	<0.01	<0.01	0.26	<0.01	43.78
	17774	<0.01	55.84	0.07	0.01	<0.01	<0.01	0.28	<0.01	43.69
	17775	0.14	55.71	0.34	0.06	<0.01	<0.01	0.36	<0.01	43.25
	17776	0.03	55.74	0.05	0.01	<0.01	<0.01	0.26	<0.01	43.78
	17777	0.04	55.47	0.11	0.02	<0.01	<0.01	0.25	<0.01	43.56
	17778	0.14	55.51	0.22	0.04	<0.01	<0.01	0.27	<0.01	43.55
	17779	0.18	55.61	0.28	0.04	<0.01	<0.01	0.33	<0.01	43.36
	17780	0.07	55.52	0.16	0.02	<0.01	<0.01	0.36	<0.01	43.69
	17781	0.09	55.71	0.15	0.03	<0.01	<0.01	0.35	<0.01	43.52
	17782	0.15	55.38	0.26	0.04	<0.01	<0.01	0.34	<0.01	43.48
	17783	0.09	55.64	0.12	0.04	<0.01	<0.01	0.37	<0.01	43.58
	17784	0.08	55.54	0.39	0.05	<0.01	<0.01	0.19	<0.01	43.61
	17785	0.1	55.09	0.2	0.03	<0.01	<0.01	0.16	<0.01	43.43
	17786	0.31	55.77	0.7	0.09	<0.01	<0.01	0.58	<0.01	42.26
	17787	0.25	55.68	0.45	0.04	<0.01	<0.01	0.42	<0.01	42.96

TARİH : (Date) 25.01.2024

SONDAJ JEOLOĞU : (Borehole Geologist) Jeo. Müh. M. Avni TAPTIK

KONTROL EDEN : (Controlling) Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

SONDAJ LOGU
BOREHOLE LOG

EK

MİTUS ARAMA VE PROJE AŞ.

PROJE ADI : (Project Name) ER3137103_Vişne Madencilik	**SONDAJ KOTU :** (Borehole Elevation) 281	**KUYU ADI** (Borehole Name)	**ADD-12B**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** (Borehole Depth) 110.00	**BAŞLAMA TARİHİ :** (Starting Date) 30.12.2023	**KOOR. SİSTEMİ :** (Coordinate Sysytem) ED-50_Zon36
LOKASYON : (Location) Adana/ Ceyhan (Gündogan)	**EĞİM :** (Dip) 80	**BİTİŞ TARİHİ :** (Ending Date) 01.01.2024	**X (KUZEY) :** (X-Northing) 736178
MADENİN CİNSİ : (Type of Ore) Kalker	**EĞİM YÖNÜ :** (Dip direction) 336	**LOG ÖLÇEĞİ :** (Log Scale) 1/100	**Y (DOĞU) :** (Y-Easting) 4086563

Derinlik (m) Depth (m)	Karot Çap. Core Diameter	Karot Boyu Core Length (m)	Run Length (m)	Karot Boyu Core Length (m)	Recovered Length (m)	Core Recovery (%)	Karot TCR (%)	RQD Core Recovery (%)	Rock Quality Desc	LİTOLOJİ Lithology	TANIMLAMA Description
0	HQ	0.8	1				80.0	0.0			(0.5,98.0) Serpentinite Yeşilimsu, grimsi renkli, 0.00-23.00 m aralığında parçalı çok zayıf dayanımlı, 23.00-75.40 m aralığında zayıf dayanımlı, 74.00-98.00 m aralığı orta derecedee sağlam dayanımlı matriks yoğunluklu serpantinitlerden oluşan, serpantinit, 47.00-48.00 m, 56.40-57.50 m, 69.40-74.10 m peridotit, mikro gabro ve kireçtaşı dokanak ve dike (mutlemel zemin niteliğinde peridotit), süreksizlikler verev ve paralel olup, yer yer 1-4 mm kalınlığında kalsit dolgulu.
1	HQ	0.8	1				80.0	0.0			
2	HQ	0.9	1				90.0	0.0			
3	HQ	0.6	1				60.0	0.0			
4	HQ	0.45	1				45.0	0.0			
5	HQ	0.55	1				55.0	0.0			
6	HQ	0.55	1				55.0	0.0			
7	HQ	0.45	1				45.0	0.0			
8	HQ	0.4	1				40.0	0.0			
9	HQ	0.6	1				60.0	0.0			
10	HQ	0.5	1				50.0	0.0			
11	HQ	0.5	1				50.0	0.0			
12	HQ	0.55	1				55.0	0.0			
13	HQ	0.45	1				45.0	0.0			
14	HQ	1.4	1.5				93.3	0.0			
15	HQ	1.4	1.5				93.3	21.3			
16	HQ	1.2	1.2				100.0	37.5			
17	HQ	0.7	0.8				87.5	0.0			
18	HQ	1	1				100.0	0.0			
19	HQ	1.5	1.5				100.0	10.0			
20	HQ	1.5	1.5				100.0	36.7			
21	HQ	2	2				100.0	72.5			
22	HQ	1	1				100.0	65.0			
23	HQ	1.5	1.5				100.0	73.3			
24	HQ	1.5	1.5				100.0	50.0			
25	HQ	2	2				100.0	75.0			
26	HQ	1	1				100.0	40.0			
27	HQ	2.9	3				96.7	66.7			
28	HQ	1.2	1.2				100.0	37.5			
29	HQ	1.65	1.8				91.7	0.0			
30	HQ	2	2				100.0	47.5			
31	HQ	1	1				100.0	70.0			
32	HQ	3	3				100.0	95.0			
33	HQ	3	3				100.0	86.7			
34	HQ	3	3				100.0	85.0			
35	HQ	3	3				100.0	90.0			
36	HQ	3	3				100.0	93.3			
37	HQ	2	2				100.0	65.0			
38	HQ	1	1				100.0	80.0			
39	HQ	3	3				100.0	66.7			
40	HQ	2	2				100.0	35.0			
41	HQ	1.5	1.5				100.0	0.0			
42	HQ	2.5	2.5				100.0	60.0			
43	HQ	3	3				100.0	66.7			
44	HQ	3	3				100.0	83.3			
45	HQ	3	3				100.0	96.7			
46	HQ	3	3				100.0	66.7			
47	HQ	3	3				100.0	95.0			
48	HQ	3	3				100.0	99.3			
49	HQ	3	3				100.0	100.0			
50	HQ	3	3				100.0	98.3			
51	HQ	3	3				100.0	96.7			
52	HQ	3	3				100.0	98.3			
53	HQ	3	3				100.0	100.0			
54	HQ	3	3				100.0	96.7			
55	HQ	3	3				100.0	98.3			
56	HQ	3	3				100.0	98.0			
57					2.65						(98.0,110.0) Limestone: Bej renkli, masif, kırıklı, süreksizlikleri paralel, yer yer intraklastlı mitrtik kireçtaşı.

Derinlik (m) Depth (m)	Numune No Sample No	Al2O3 %	CaO %	SiO2 %	Fe2O3 %	MnO%	Cr2O3 %	MgO%	TiO2%	A.Z%
98	17789	0.05	55.79	0.58	0.03	<0.01	<0.01	0.31	<0.01	43.1
102	17790/ 17791	0.06	56.01	0.255	0.02	<0.01	<0.01	0.335	<0.01	43.095
106	17792	0.06	55.84	0.3	0.02	<0.01	<0.01	0.3	<0.01	43.04

Min-Pet/XRD Analiz Sonuçları
Min-Pet/XRD Analysis Results

Kimyasal Analiz Sonuçları
Chemical Analysis Results

TARİH : *Date*	25.01.2024
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 506.4	**KUYU ADI** *(Borehole Name)*	**ADH-1**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 4.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 06.12.2023	**X (KUZEY) :** *(X-Northing)* 736235
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4087052

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	BQ	0.9	1		90.0	94.0		(0.0,30.0) Limestone: Bej-pembemsi bej renkli, masif, intraklastlı, sparitik dokulu, yer yer parçalı ve yer yer yoğun kalsit dolgulu, süreksizlik yüzeyleri boyunca oksitlenme ve erime boşlukarında kil görülmektedir. Süreksizlikler yatay.
2	BQ	0.9	1		90.0	69.0		
3	BQ	0.9	1		90.0	74.0		
4	BQ	0.9	1		90.0	83.0		
5	BQ	0.85	1		85.0	94.0		
6	BQ	0.75	1		75.0	13.0		
7	BQ	0.9	1		90.0	63.0		
8	BQ	0.9	1		90.0	18.0		
9	BQ	1	1		100.0	16.0		
10	BQ	0.9	1		90.0	82.0		
11	BQ	0.6	1		60.0	69.0		
12	BQ	0.9	1		90.0	47.0		
13	BQ	0.9	1		90.0	56.0		
14	BQ	1	1	2.67	100.0	43.0		
15	BQ	0.7	1		70.0	70.0		
16	BQ	0.8	1		80.0	80.0		
17	BQ	0.8	1		80.0	60.0		
18	BQ	0.85	1		85.0	95.0		
19	BQ	1	1		100.0	88.0		
20	BQ	0.8	1		80.0	70.0		
21	BQ	0.9	1		90.0	86.0		
22	BQ	0.9	1		90.0	50.0		
23	BQ	0.9	1		90.0	80.0		
24	BQ	0.6	1		60.0	59.0		
25	BQ	0.9	1		90.0	90.0		
26	BQ	0.8	1		80.0	83.0		
27	BQ	0.9	1		90.0	52.0		
28	BQ	1	1		100.0	60.0		
29	BQ	1	1		100.0	89.0		
30								

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*
6.70-6.80	17530	Pet: Mikritik kireçtaşı

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17477	0.08	55.67	0.14	0.02	<0.01	<0.01	0.22	<0.01	43.82
10	17478	0.24	55.52	0.34	0.07	<0.01	<0.01	0.32	<0.01	43.4
15	17479	0.13	55.62	0.22	0.03	<0.01	<0.01	0.27	<0.01	43.64
20	17480	0.08	55.62	0.15	0.02	<0.01	<0.01	0.31	<0.01	43.77
25	17481	0.11	55.55	0.22	0.04	<0.01	<0.01	0.31	<0.01	43.71
	17482	0.08	55.61	0.17	0.04	<0.01	<0.01	0.24	<0.01	43.78

TARİH : *Date*	18.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 493.0	**KUYU ADI** *(Borehole Name)*	**ADH-2**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 29.11.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 30.11.2023	**X (KUZEY) :** *(X-Northing)* 736463
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4087079

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0,30.0) Limestone: Bej-pembemsi bej renkli, masif, intraklastlı, sparitik dokulu, yer yer kalsit dolgulu, süreksizlikler yatay ve yer yer oksitlenmiş olup, yer yer kil- silt dolgulu
1	BQ	0.8	1		80.0	40.0		
2	BQ	0.9	1		90.0	90.0		
3	BQ	0.5	1		50.0	50.0		
4	BQ	0.7	1		70.0	94.0		
5	BQ	0.7	1		70.0	33.0		
6	BQ	0.3	1		30.0	30.0		
7	BQ	0.8	1		80.0	95.0		
8	BQ	0.7	1		70.0	92.0		
9	BQ	0.4	1		40.0	95.0		
10	BQ	1	1		100.0	86.0		
11	BQ	0.9	1		90.0	78.0		
12	BQ	0.9	1		90.0	62.0		
13	BQ	1	1		100.0	86.0		
14	BQ	0.8	1		80.0	79.0		
15	BQ	0.3	1		30.0	99.0		
16	BQ	0.4	1		40.0	99.0		
17	BQ	0.6	1		60.0	50.0		
18	BQ	1	1		100.0	92.0		
19	BQ	1	1		100.0	83.0		
20	BQ	0.9	1		90.0	91.0		
21	BQ	0.8	1		80.0	67.0		
22	BQ	0.5	1		50.0	80.0		
23	BQ	0.6	1		60.0	93.0		
24	BQ	0.8	1		80.0	97.0		
25	BQ	1	1		100.0	93.0		
26	BQ	0.8	1		80.0	56.0		
27	BQ	0.9	1		90.0	98.0		
28	BQ	0.9	1		90.0	30.0		
29	BQ	1	1		100.0	88.0		
30	BQ	0.8	1		80.0	96.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17483	0.04	55.54	0.1	<0.01	<0.01	<0.01	0.26	<0.01	43.98
10	17484	0.04	55.69	0.07	<0.01	<0.01	<0.01	0.24	<0.01	43.89
15	17485	<0.01	55.67	0.06	<0.01	<0.01	<0.01	0.24	<0.01	43.97
20	17486	0.03	55.53	0.62	<0.01	<0.01	<0.01	0.24	<0.01	43.52
25	17487	0.02	55.96	0.04	<0.01	<0.01	<0.01	0.24	<0.01	43.68
	17488	0.03	55.59	0.46	<0.01	<0.01	<0.01	0.24	<0.01	43.62

TARİH : *Date*	18.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 516.8	**KUYU ADI** *(Borehole Name)*	**ADH-3**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 31.60	**BAŞLAMA TARİHİ :** *(Starting Date)* 2.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 03.12.2023	**X (KUZEY) :** *(X-Northing)* 736334
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4087084

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0,31.6) Limestone: Bej-pembemsi bej renkli, masif, intraklastlı, sparitik dokulu, yer yer kalsit dolgulu, süreksizlikler yatay ve yer yer oksitlenmiş olup, yer yer kil- silt dolgulu
1	BQ	0.9	1		90.0	87.0		
2	BQ	0.8	1		80.0	76.0		
3	BQ	0.8	1		80.0	53.0		
4	BQ	1	1		100.0	82.0		
5	BQ	0.9	1		90.0	88.0		
6	BQ	0.9	1		90.0	66.0		
7	BQ	0.7	1		70.0	29.0		
8	BQ	0.8	1		80.0	93.0		
9	BQ	0.6	1		60.0	52.0		
10	BQ	1	1		100.0	60.0		
11	BQ	0.7	1		70.0	42.0		
12	BQ	0.8	1		80.0	49.0		
13	BQ	0.7	1		70.0	72.0		
14	BQ	0.6	1		60.0	29.0		
15	BQ	0.6	1		60.0	20.0		
16	BQ	0.9	1		90.0	49.0		
17	BQ	0.7	1		70.0	88.0		
18	BQ	0.7	1		70.0	68.0		
19	BQ	0.7	1		70.0	83.0		
20	BQ	0.7	1		70.0	74.0		
21	BQ	0.5	1		50.0	42.0		
22	BQ	0.8	1		80.0	38.0		
23	BQ	1	1		100.0	77.0		
24	BQ	0.3	1		30.0	0.0		
25	BQ	0.8	1		80.0	86.0		
26	BQ	0.8	1		80.0	57.0		
27	BQ	0.8	1		80.0	96.0		
28	BQ	0.75	1		75.0	88.0		
29	BQ	0.9	1		90.0	69.0		
30	BQ	1	1		100.0	97.0		
31	BQ	0.5	0.6		83.3	36.7		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17489	0.11	55.96	0.19	0.03	<0.01	<0.01	0.32	<0.01	43.31
10	17490	0.05	55.99	0.09	<0.01	<0.01	<0.01	0.23	<0.01	43.58
15	17491	0.03	55.9	0.05	0.02	<0.01	<0.01	0.17	<0.01	43.78
20	17492	0.11	55.9	0.16	0.03	<0.01	<0.01	0.32	<0.01	43.39
25	17493	0.04	55.99	0.1	0.01	<0.01	<0.01	0.27	<0.01	43.52
	17494	0.06	55.51	0.13	0.02	<0.01	<0.01	0.27	<0.01	43.94

TARİH : *Date*	18.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 511.0	**KUYU ADI** *(Borehole Name)*	**ADH-4**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 23.11.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 27.11.2023	**X (KUZEY) :** *(X-Northing)* 736465
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4087118

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	BQ	0.5	1		50.0	10.0		(0.0,21.1) Limestone: Açık bej renkli, yer yer kırıklı, sert sıkı dokulu, yer yer beyazımsı grimsi kalsit dolgulu, 17.90-18.20 m arası kırmızımsı kahverengimsi kil kesilmiş olup; masif
2	BQ	0.8	1		80.0	50.0		
3	BQ	0.8	1		80.0	78.0		
4	BQ	0.4	1		40.0	12.0		
5	BQ	0.4	1		40.0	20.0		
6	BQ	0.4	1		40.0	23.0		
7	BQ	0.9	1		90.0	78.0		
8	BQ	0.8	1		80.0	55.0		
9	BQ	1	1		100.0	100.0		
10	BQ	1	1	2.67	100.0	95.0		
11	BQ	1	1		100.0	100.0		
12	BQ	1	1		100.0	100.0		
13	BQ	1	1		100.0	85.0		
14	BQ	1	1		100.0	100.0		
15	BQ	0.9	1		90.0	85.0		
16	BQ	0.9	1		90.0	15.0		
17	BQ	0.6	1		60.0	0.0		
18	BQ	0.6	1		60.0	50.0		
19	BQ	0.45	1		45.0	20.0		
20	BQ	0.9	1		90.0	90.0		
21	BQ	0.85	1		85.0	70.0		
22	BQ	0.3	1		30.0	10.0		(21.1,30.0) Karstic Gap: Kahverengimsi renkli, yer yer kireçtaşı blokları içeren ve karot kaybının çok olduğu seviye
23	BQ	0.67	1		67.0	11.0		
24	BQ	0.24	1		24.0	0.0		
25	BQ	0.27	1		27.0	0.0		
26	BQ	0.33	1		33.0	0.0		
27	BQ	0.43	1		43.0	0.0		
28	BQ	0.2	1		20.0	0.0		
29	BQ	0.32	1		32.0	13.0		
30	BQ	0.67	1		67.0	30.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17565	<0.01	55.95	0.03	<0.01	<0.01	<0.01	0.22	<0.01	43.72
10	17566	0.02	55.78	0.05	0.01	<0.01	<0.01	0.23	<0.01	43.85
15	17567	<0.01	55.69	0.03	<0.01	<0.01	<0.01	0.22	<0.01	43.99
20	17568	0.01	55.67	0.03	<0.01	<0.01	<0.01	0.19	<0.01	44.05
	17569	0.02	55.36	0.04	0.01	<0.01	<0.01	0.21	<0.01	44.28

TARİH : *Date*	28.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 498.1	**KUYU ADI** *(Borehole Name)*	**ADH-5**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 7.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 11.12.2023	**X (KUZEY) :** *(X-Northing)* 736248
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4087017

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0,30.0) Limestone: Bej renkli, intraklastlı, masif, yer yer kalsit ve kil dolgulu, süreksizlikleri paralel olup, süreksizlik yüzeyleri boyunca yer yer oksitlenme görülmektedir.
1	BQ	0.95	1		95.0	95.0		
2	BQ	0.75	1		75.0	75.0		
3	BQ	0.6	1		60.0	40.0		
4	BQ	0.6	1		60.0	26.0		
5	BQ	0.85	1		85.0	70.0		
6	BQ	0.93	1		93.0	70.0		
7	BQ	0.9	1		90.0	85.0		
8	BQ	0.55	1		55.0	55.0		
9	BQ	0.65	1		65.0	65.0		
10	BQ	0.9	1		90.0	80.0		
11	BQ	0.9	1		90.0	90.0		
12	BQ	0.9	1		90.0	70.0		
13	BQ	0.85	1		85.0	85.0		
14	BQ	0.55	1		55.0	37.0		
15	BQ	1	1	2.63	100.0	80.0		
16	BQ	0.5	1		50.0	40.0		
17	BQ	0.8	1		80.0	70.0		
18	BQ	0.75	1		75.0	26.0		
19	BQ	0.8	1		80.0	54.0		
20	BQ	0.95	1		95.0	95.0		
21	BQ	0.85	1		85.0	85.0		
22	BQ	1	1		100.0	100.0		
23	BQ	0.75	1		75.0	25.0		
24	BQ	0.85	1		85.0	77.0		
25	BQ	0.85	1		85.0	67.0		
26	BQ	0.65	1		65.0	65.0		
27	BQ	0.65	1		65.0	49.0		
28	BQ	0.63	1		63.0	52.0		
29	BQ	0.52	1		52.0	27.0		
30	BQ	0.44	1		44.0	44.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	18524	0.16	55.03	0.32	0.06	<0.01	<0.01	0.31	<0.01	44.02
10	18525	0.05	55.56	0.09	0.03	<0.01	<0.01	0.26	<0.01	43.95
15	18526	0.03	55.48	0.07	0.03	<0.01	<0.01	0.3	<0.01	44.02
20	18527	0.14	55.22	0.21	0.04	<0.01	<0.01	0.26	<0.01	44.05
25	18528	0.06	55.49	0.16	0.04	<0.01	<0.01	0.3	<0.01	43.87
	18529	0.07	55.41	0.12	0.03	<0.01	<0.01	0.21	<0.01	44.1

TARİH : *Date*	30.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 490.3	**KUYU ADI** *(Borehole Name)*	**ADH-6**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 12.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 13.12.2023	**X (KUZEY) :** *(X-Northing)* 736209
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086904

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0,30.0) Limestone: Bej renkli, intraklastlı, masif, yer yer kalsit ve 3.0- 5.50 m aralığı kil dolgulu, süreksizlikleri paralel olup, süreksizlik yüzeyleri boyunca yer yer oksitlenme görülmektedir.
1	BQ	0.72	1		72.0	64.0		
2	BQ	0.8	1		80.0	80.0		
3	BQ	0.7	1		70.0	70.0		
4	BQ	0.44	1		44.0	26.0		
5	BQ	0.44	1		44.0	20.0		
6	BQ	0.42	1		42.0	15.0		
7	BQ	0.7	1		70.0	43.0		
8	BQ	0.67	1		67.0	55.0		
9	BQ	0.65	1		65.0	57.0		
10	BQ	0.78	1		78.0	78.0		
11	BQ	0.85	1		85.0	85.0		
12	BQ	0.7	1		70.0	65.0		
13	BQ	0.67	1		67.0	67.0		
14	BQ	0.68	1		68.0	68.0		
15	BQ	0.73	1		73.0	73.0		
16	BQ	0.45	1		45.0	40.0		
17	BQ	0.65	1		65.0	65.0		
18	BQ	0.6	1		60.0	60.0		
19	BQ	0.85	1		85.0	85.0		
20	BQ	0.66	1		66.0	46.0		
21	BQ	0.73	1		73.0	73.0		
22	BQ	0.68	1		68.0	68.0		
23	BQ	0.47	1		47.0	47.0		
24	BQ	0.9	1		90.0	90.0		
25	BQ	0.8	1		80.0	80.0		
26	BQ	0.8	1	2.67	80.0	80.0		
27	BQ	0.59	1		59.0	59.0		
28	BQ	0.75	1		75.0	75.0		
29	BQ	0.75	1		75.0	75.0		
30	BQ	0.95	1		95.0	90.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0	18536	0.07	55.68	0.18	0.04	<0.01	<0.01	0.31	<0.01	43.66
5	18537	0.07	55.86	0.1	0.03	<0.01	<0.01	0.28	<0.01	43.56
10	18538	0.07	55.9	0.11	0.03	<0.01	<0.01	0.31	<0.01	43.45
15	18539	0.07	55.62	0.11	0.03	<0.01	<0.01	0.31	<0.01	43.75
20	18540	0.05	55.38	0.12	0.02	<0.01	<0.01	0.33	<0.01	44.02
25	18541	0.12	55.62	0.19	0.07	<0.01	<0.01	0.35	<0.01	43.56

TARİH : *Date*	30.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 468.5	**KUYU ADI** *(Borehole Name)*	**ADH-7**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 15.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 17.12.2023	**X (KUZEY) :** *(X-Northing)* 736115
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086795

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	BQ	0.68	1		68.0	20.0		(0.00-30.00) Limestone: Koyu bej renkli, masif, yer yer koyu gri mm-cm boyutunda kalsit, nadiren aragonit dolgulu, yer yer küçük erime boşlukludur.
2	BQ	0.74	1		74.0	50.0		
3	BQ	0.7	1		70.0	65.0		
4	BQ	0.68	1		68.0	50.0		
5	BQ	0.74	1		74.0	74.0		
6	BQ	0.56	1		56.0	34.0		
7	BQ	0.74	1		74.0	60.0		
8	BQ	0.83	1		83.0	63.0		
9	BQ	0.86	1		86.0	80.0		
10	BQ	0.73	1		73.0	73.0		
11	BQ	0.76	1		76.0	31.0		
12	BQ	0.73	1		73.0	36.0		
13	BQ	0.82	1		82.0	24.0		
14	BQ	0.75	1		75.0	40.0		
15	BQ	0.53	1		53.0	20.0		
16	BQ	0.65	1		65.0	30.0		
17	BQ	0.72	1		72.0	68.0		
18	BQ	0.74	1		74.0	74.0		
19	BQ	0.56	1		56.0	51.0		
20	BQ	0.78	1		78.0	40.0		
21	BQ	0.77	1	2.60	77.0	71.0		
22	BQ	0.6	1		60.0	32.0		
23	BQ	0.71	1		71.0	25.0		
24	BQ	0.7	1		70.0	30.0		
25	BQ	0.56	1		56.0	20.0		
26	BQ	0.65	1		65.0	59.0		
27	BQ	0.59	1		59.0	50.0		
28	BQ	0.66	1		66.0	66.0		
29	BQ	0.64	1		64.0	54.0		
30	BQ	0.59	1		59.0	44.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17693/ 17694	0.04	55.765	0.095	0.0125	<0.01	<0.01	0.395	<0.01	43.085
10	17695	0.04	55.83	0.07	0.02	<0.01	<0.01	0.34	<0.01	43.09
	17696	0.06	55.83	0.13	0.03	<0.01	<0.01	0.34	<0.01	43.25
15										
	17697	0.05	55.36	0.1	0.02	<0.01	<0.01	0.36	<0.01	43.53
20										
	17698	0.03	55.43	0.09	0.02	<0.01	<0.01	0.36	<0.01	43.64
25										
	17699	0.06	55.86	0.12	0.03	<0.01	<0.01	0.42	<0.01	42.56

TARİH : *Date*	10.01.2024
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 382.7	**KUYU ADI** *(Borehole Name)*	**ADH-9**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 18.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 19.12.2023	**X (KUZEY) :** *(X-Northing)* 736220
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086741

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0,30.0) Limestone: Açık bej renkli, sert - sıkı dokulu, intraklastlı, yer yer kırık çatlaklı, süreksizlik yüzeyleri oksitli, 18.80-19.00 m arası kil dolgulu masif kireçtaşı.
1	BQ	0.78	1		78.0	65.0		
2	BQ	0.83	1		83.0	73.0		
3	BQ	0.83	1		83.0	74.0		
4	BQ	0.83	1		83.0	75.0		
5	BQ	0.73	1		73.0	64.0		
6	BQ	0.82	1		82.0	60.0		
7	BQ	0.75	1		75.0	65.0		
8	BQ	0.88	1		88.0	65.0		
9	BQ	0.55	1		55.0	50.0		
10	BQ	0.89	1		89.0	58.0		
11	BQ	0.75	1		75.0	66.0		
12	BQ	0.8	1		80.0	80.0		
13	BQ	0.74	1		74.0	34.0		
14	BQ	0.82	1		82.0	72.0		
15	BQ	0.9	1		90.0	90.0		
16	BQ	0.95	1		95.0	80.0		
17	BQ	1	1		100.0	100.0		
18	BQ	0.95	1		95.0	64.0		
19	BQ	0.88	1		88.0	56.0		
20	BQ	0.97	1		97.0	91.0		
21	BQ	0.22	1		22.0	16.0		
22	BQ	0.72	1		72.0	72.0		
23	BQ	0.8	1		80.0	52.0		
24	BQ	0.92	1		92.0	88.0		
25	BQ	0.98	1		98.0	70.0		
26	BQ	0.95	1		95.0	36.0		
27	BQ	0.93	1		93.0	37.0		
28	BQ	0.97	1		97.0	80.0		
29	BQ	0.92	1		92.0	92.0		
30	BQ	0.95	1		95.0	87.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5										
10										
15										
20										
25										
	17651	0.02	55.58	0.08	<0.01	<0.01	<0.01	0.32	<0.01	43.93
	17652	0.02	55.66	0.05	<0.01	<0.01	<0.01	0.27	<0.01	43.94
	17653	0.02	55.63	0.06	<0.01	<0.01	<0.01	0.24	<0.01	43.99
	17654	0.02	55.97	0.05	0.02	<0.01	<0.01	0.29	<0.01	43.6
	17655	0.03	56.02	0.06	<0.01	<0.01	<0.01	0.28	<0.01	43.54
	17656	0.02	56.03	0.05	<0.01	<0.01	<0.01	0.25	<0.01	43.6

TARİH : *Date*	10.01.2024
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 393.2 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-10**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 61.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 15.12.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 18.12.2023 *(Ending Date)*	**X (KUZEY) :** 736341 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086836 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ^{3}) *Intensity (gr/cm ^{3})*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0.61.0) Limestone: Bej renkli, intraklastlı, yer yer kırıklı ve milimetrik kalsit dolgulu, sitilolit çatlakları gözle görülmekte olup, süreksizlik yüzeyleri boyunca yer yer oksitlenme görülmektedir. Yer yer tabakalanmaya dik 2- 3 mm beyaz kalsit damarları da gözlenmektedir.
1	NQ	0.90	1.50		63.3	63.3		
2	NQ	0.90	1.50		66.7	66.7		
3	NQ	0.90	1.50		66.7	66.7		
4	NQ	0.90	1.50		66.7	66.7		
5	NQ	0.85	1.00		95.0	90.0		
6	NQ	0.75	1.00		95.0	95.0		
7	NQ	0.90	1.50		36.7	36.7		
8	NQ	0.90	1.50		26.7	26.7		
9	NQ	1.00	1.50		28.7	9.3		
10	NQ	0.90	1.50		46.7	46.7		
11	NQ	0.60	1.00		90.0	90.0		
12	NQ	0.90	1.50		98.0	98.0		
13	NQ	0.90	1.00		90.0	90.0		
14	NQ	1.00	2.00		98.0	98.0		
15	NQ	0.70	2.00		98.0	98.0		
16	NQ	0.80	1.50		66.7	40.0		
17	NQ	0.80	1.50		51.3	51.3		
18	NQ	0.85	1.50		83.3	54.0		
19	NQ	1.00	1.50		50.0	50.0		
20	NQ	0.80	1.50		82.0	78.7		
21	NQ	0.90	1.50		40.0	40.0		
22	NQ	0.90	1.50		90.0	80.0		
23	NQ	0.90	1.50		82.0	73.3		
24	NQ	0.80	1.50		73.3	73.3		
25	NQ	0.90	1.50		90.0	81.3		
26	NQ	0.60	1.50		100.0	70.0		
27	NQ	0.90	1.50		80.0	73.0		
28	NQ	0.80	1.50		66.7	53.3		
29	NQ	0.90	1.50		90.0	76.0		
30	NQ	0.90	1.50		90.0	75.0		
31	NQ	0.80	1.50		90.0	90.0		
32	NQ	0.85	1.50		100.0	100.0		
33	NQ	1.00	1.50	2.67	93.3	93.3		
34	NQ	0.80	1.50		100.0	90.0		
35	NQ	0.90	1.50		82.0	82.0		
36	NQ	0.90	1.50		90.0	90.0		
37	NQ	1.00	1.50		46.0	46.0		
38	NQ	1.00	0.80		75.0	75.0		
39	NQ		0.20		42.0	42.0		
40	NQ		1.00		30.0	30.0		
41	NQ		1.00		16.7	9.3		
42	NQ		1.00		28.7	18.7		
43	NQ		1.00		41.3	41.3		
44	NQ		1.00		32.0	14.7		
45	NQ		1.00		73.3	54.0		
46	NQ		1.00		96.7	86.7		
47	NQ		1.00		84.0	84.0		
48	NQ		1.00		76.7	76.7		
49	NQ		1.00		100.0	95.0		
50	NQ		1.00		95.0	95.0		
51	NQ	2	2.00		100.0	90.0		
52	NQ	0.82	1.00		82.0	82.0		
53	NQ	0.9	1.00		90.0	90.0		
54	NQ	0.46	1.00		46.0	46.0		
55	NQ	0.75	1.00		75.0	75.0		
56	NQ	0.42	1.00		42.0	42.0		
57	NQ	0.45	1.50		30.0	30.0		
58	NQ	0.25	1.50		16.7	9.3		
59	NQ	0.43	1.50		28.7	18.7		
60	NQ	0.62	1.50		41.3	41.3		
61	NQ	0.48	1.50		32.0	14.7		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3%	CaO %	SiO_2%	Fe_2O_3%	MnO%	Cr_2O_3%	MgO%	TiO_2%	A.Z%
0	17267	0.12	55.9	0.25	0.04	<0.01	<0.01	0.31	<0.01	43.25
5	17268	0.11	55.69	0.17	0.03	<0.01	<0.01	0.31	<0.01	43.58
10	17269	0.15	55.44	0.25	0.06	<0.01	<0.01	0.33	<0.01	43.66
15	17270	0.03	55.66	0.04	0.02	<0.01	<0.01	0.2	<0.01	44
20	17271	0.02	55.8	0.04	0.02	<0.01	<0.01	0.23	<0.01	43.85
25	17272	0.02	55.57	0.05	<0.01	<0.01	<0.01	0.27	<0.01	44.03
30	17273	<0.01	55.62	0.04	<0.01	<0.01	<0.01	0.23	<0.01	44.06
35	17274	0.02	55.86	0.03	0.02	<0.01	<0.01	0.22	<0.01	43.8
40	17275	0.02	55.56	0.05	<0.01	<0.01	<0.01	0.31	<0.01	44.01
45	17276	<0.01	55.63	0.04	<0.01	<0.01	<0.01	0.26	<0.01	44
50	17277	0.03	55.8	0.04	<0.01	<0.01	<0.01	0.23	<0.01	43.85
55	17278	0.05	55.54	0.08	0.02	<0.01	<0.01	0.29	<0.01	43.96

TARİH : 30.12.2023 *Date*

SONDAJ JEOLOĞU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 385.3 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-11**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 52.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 21.11.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 23.11.2023 *(Ending Date)*	**X (KUZEY) :** 736635 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4087043 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ³) *Intensity (gr/cm ³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0.52.0) Limestone: Bej-pembemsi bej renkli, masif, yer yer yoğun kalsit dolgulu, süreksizlik yüzeyleri boyunca oksitlenme görülen ve yer yer erime boşluklu. Süreksizlikler yatay.
1	NQ	1.5	3.00		50.0	50.0		
2								
3								
4	NQ	1.9	3.00		63.3	58.3		
5								
6								
7	NQ	0.8	1.50		53.3	77.3		
8	NQ	1	1.00		100.0	94.0		
9	NQ	1	1.00		100.0	93.0		
10	NQ	1	1.00		100.0	88.0		
11	NQ	1	1.00		100.0	95.0		
12								
13	NQ	2	2.00		100.0	97.0		
14								
15	NQ	1	1.50		66.7	66.7		
16	NQ	0.9	1.00		90.0	90.0		
17	NQ	0.7	1.00		70.0	70.0		
18	NQ	0.3	1.00		30.0	30.0		
19	NQ	1	1.00		100.0	99.0		
20	NQ	1	1.00		100.0	94.0		
21	NQ	0.9	1.00		90.0	89.0		
22	NQ	0.95	1.00		95.0	99.0		
23	NQ	0.6	0.60		100.0	100.0		
24	NQ	1.6	1.60		100.0	100.0		
25	NQ	0.8	0.80		100.0	80.0		
26								
27	NQ	2.5	3.50		71.4	71.4		
28								
29	NQ	1.1	1.50		73.3	69.3		
30	NQ	1.5	1.50		100.0	59.3		
31	NQ	1	1.00		100.0	93.0		
32								
33	NQ	1.95	2.00		97.5	97.0		
34				2.68				
35	NQ	2	2.00		100.0	99.0		
36								
37	NQ	1.9	2.00		95.0	95.0		
38								
39								
40	NQ	2.5	2.50		100.0	96.0		
41	NQ	0.5	0.50		100.0	50.0		
42	NQ	2	2.00		100.0	99.0		
43								
44								
45	NQ	3	3.50		85.7	85.1		
46								
47								
48	NQ	0.3	1.50		20.0	20.0		
49	NQ	1.5	1.50		100.0	92.0		
50								
51	NQ	1.4	2.00		70.0	66.0		
52								

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3%	CaO %	SiO_2%	Fe_2O_3%	MnO%	Cr_2O_3%	MgO%	TiO_2%	A.Z%
0										
5										
10										
15										
20										
25										
30										
35										
40										
45										
	17367	0.14	55.54	0.62	0.08	<0.01	<0.01	0.35	<0.01	43.12
	17368	0.06	55.75	0.27	0.03	<0.01	<0.01	0.22	<0.01	43.56
	17369	0.08	55.82	0.14	0.02	<0.01	<0.01	0.26	<0.01	43.55
	17370	0.05	55.84	0.13	0.02	<0.01	<0.01	0.25	<0.01	43.56
	17371	0.03	55.6	0.05	<0.01	<0.01	<0.01	0.2	<0.01	43.96
	17372	0.04	55.83	0.23	0.01	<0.01	<0.01	0.21	<0.01	43.56
	17373	0.04	55.9	0.34	0.03	<0.01	<0.01	0.22	<0.01	43.32
	17374	0.03	55.98	0.12	0.01	<0.01	<0.01	0.21	<0.01	43.53
	17375	0.06	55.85	0.09	0.02	<0.01	<0.01	0.2	<0.01	43.65
	17376	0.11	55.92	0.21	0.04	<0.01	<0.01	0.32	0.03	43.25

TARİH : *Date*	10.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 469.5	**KUYU ADI** *(Borehole Name)*	**ADH-12**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 11.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 12.12.2023	**X (KUZEY) :** *(X-Northing)* 736274
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086946

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	BQ	1	1		100.0	100.0		(0.0,30.0) Limestone: Açık bej renkli, intraklastlı, sert-sıkı dokulu, masif , yer yer koyu grimsi gri breşik seviyeler içermektedir.
2	BQ	0.66	1		66.0	66.0		
3	BQ	0.86	1		86.0	86.0		
4	BQ	0.77	1		0.8	77.0		
5	BQ	0.83	1		83.0	83.0		
6	BQ	0.9	1	2.65	90.0	77.0		
7	BQ	0.6	1		60.0	60.0		
8	BQ	0.74	1		74.0	67.0		
9	BQ	0.75	1		75.0	75.0		
10	BQ	0.84	1		84.0	84.0		
11	BQ	0.65	1		65.0	65.0		
12	BQ	0.76	1		76.0	60.0		
13	BQ	0.76	1		76.0	76.0		
14	BQ	0.85	1		85.0	85.0		
15	BQ	0.85	1		85.0	85.0		
16	BQ	0.67	1		67.0	67.0		
17	BQ	0.68	1		68.0	68.0		
18	BQ	0.72	1		72.0	67.0		
19	BQ	0.9	1		90.0	90.0		
20	BQ	0.65	1		65.0	65.0		
21	BQ	0.68	1		68.0	68.0		
22	BQ	0.6	1		60.0	55.0		
23	BQ	0.7	1		70.0	70.0		
24	BQ	0.7	1		70.0	70.0		
25	BQ	0.7	1		70.0	70.0		
26	BQ	0.68	1		68.0	68.0		
27	BQ	0.4	1		40.0	35.0		
28	BQ	0.5	1		50.0	50.0		
29	BQ	1	1		100.0	100.0		
30	BQ	1	1		100.0	100.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5										
10										
15										
20										
25										
	18542	0.09	55.41	0.17	0.03	<0.01	<0.01	0.31	<0.01	43.89
	18543	0.25	55.73	0.51	0.1	<0.01	<0.01	1.37	<0.01	41.9
	18544	0.26	55.47	0.46	0.08	<0.01	<0.01	0.62	<0.01	42.98
	18545	0.11	56	0.21	0.05	<0.01	<0.01	0.53	<0.01	42.99
	18546	0.11	55.11	0.22	0.04	<0.01	<0.01	0.41	<0.01	44.01
	18547	0.11	55.34	0.17	0.03	<0.01	<0.01	0.32	<0.01	43.95

TARİH : *Date*	30.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 364.3 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-13A**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 60.50 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 29.11.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 03.12.2023 *(Ending Date)*	**X (KUZEY) :** 736545 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086973 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ³) *Intensity (gr/cm ³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	NQ	1	1.5		66.7	66.7		(0.0.60.5) Limestone: Bej-pembemsi bej renkli, masif, intraklastlı, spartik dokulu, yer yer kalsit dolgulu, süreksizlikler yatay ve dik
2	NQ	0.25	1.5		16.7	0.0		
3	NQ	0.7	1.5		46.7	46.7		
4	NQ	1.05	1.5		70.0	70.0		
5	NQ	0.9	1.5		60.0	60.0		
6	NQ	1	1.5		66.7	66.7		
7	NQ	1.5	1.5		100.0	92.0		
8	NQ	0.5	0.5		100.0	50.0		
9	NQ	1	1		100.0	89.0		
10	NQ	1	1		100.0	94.0		
11	NQ	1	1		100.0	96.0		
12	NQ	1.5	1.5		100.0	97.3		
13	NQ	1	1.5		66.7	66.7		
14	NQ	1.5	1.5		100.0	98.0		
15	NQ	1	1		100.0	90.0		
16	NQ	1	1		100.0	93.0		
17	NQ	1	1		100.0	96.0		
18	NQ	0.8	1		80.0	91.0		
19	NQ	1.2	2		60.0	60.0		
20	NQ	1	1		100.0	94.0		
21	NQ	1	1		100.0	92.0		
22	NQ	1	1		100.0	94.0		
23	NQ	2	2		100.0	95.0		
24	NQ	1	1		100.0	100.0		
25	NQ	0.6	1.5		40.0	40.0		
26	NQ	1.5	1.5		100.0	90.0		
27	NQ	0.95	1.5		63.3	63.3		
28	NQ	1	1.5		66.7	66.7		
29	NQ	1	1		100.0	99.8		
30	NQ	1.5	1.5		100.0	96.0		
31	NQ	1.5	1.5		100.0	95.3		
32	NQ	1.5	1.5		100.0	100.0		
33	NQ	1	1		100.0	87.0		
34	NQ	0.8	1.5		53.3	53.3		
35	NQ	1.5	1.5		100.0	93.3		
36	NQ	1.5	1.5		100.0	75.3		
37	NQ	1	1.5		66.7	66.7		
38	NQ	0.7	1.5		46.7	46.7		
39	NQ	1.3	1.5		86.7	60.0		
40	NQ	1	1		100.0	92.0		
41	NQ	1	1.5		66.7	61.3		
42	NQ	0.5	1		50.0	50.0		
43	NQ	0.5	1.5		33.3	33.3		
44	NQ	1	1		100.0	94.0		
45	NQ	1	1		100.0	91.0		
46	NQ	1.5	1.5		100.0	59.9		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17465	0.04	55.67	0.05	<0.01	<0.01	<0.01	0.21	<0.01	43.98
10	17466	0.03	56.02	0.06	0.03	<0.01	<0.01	0.27	<0.01	43.73
15	17467	0.02	55.64	0.07	0.02	<0.01	<0.01	0.32	<0.01	43.87
20	17468	0.04	55.67	0.09	0.04	<0.01	<0.01	0.39	<0.01	43.71
25	17469	0.02	55.77	0.06	<0.01	<0.01	<0.01	0.31	<0.01	43.78
30	17470	<0.01	55.96	0.04	<0.01	<0.01	<0.01	0.26	<0.01	43.67
35	17471	0.02	55.93	0.04	<0.01	<0.01	<0.01	0.24	<0.01	43.71
40	17472	0.03	55.94	0.07	<0.01	<0.01	<0.01	0.32	<0.01	43.57
45	17473	0.02	55.96	0.03	<0.01	<0.01	<0.01	0.23	<0.01	43.71
50	17474	0.02	55.86	0.03	<0.01	<0.01	<0.01	0.21	<0.01	43.82
55	17475	<0.01	55.69	0.03	0.02	<0.01	<0.01	0.23	<0.01	43.98
	17476	<0.01	55.96	0.04	<0.01	<0.01	<0.01	0.2	<0.01	43.74

TARİH : 18.12.2023 *Date*	
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 382.4 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-13B**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 60.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 5.12.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 11.12.2023 *(Ending Date)*	**X (KUZEY) :** 736468 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086955 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm 3) *Intensity (gr/cm 3)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0.60.0) Limestone: Bej renkli, intraklastlı, yer yer kırıklı - parçalı, ve milimetrik kalsit dolgulu, stilolit çatlakları ve süreksizlikleri paralel olup, süreksizlik yüzeyleri boyunca yer yer oksitlenme görülmektedir.
1	NQ	0.56	1.5		37.3	19.3		
2	NQ	0.65	1.5		43.3	27.3		
3	NQ	1.28	1.5		85.3	76.7		
4	NQ	0.35	0.5		70.0	60.0		
5	NQ	0.93	1		93.0	93.0		
6	NQ	0.97	1		97.0	93.0		
7	NQ	0.48	1.5		32.0	32.0		
8	NQ	0.46	1.5		30.7	18.7		
9	NQ	0.9	1.5		60.0	48.7		
10	NQ	0.66	1.5		44.0	44.0		
11	NQ	1.31	1.5		87.3	87.3		
12	NQ	1	1.5		66.7	66.7		
13	NQ	0.9	1.5		60.0	60.0		
14	NQ	1.4	2		70.0	70.0		
15	NQ	0.7	1.5		46.7	28.7		
16	NQ	0.76	1.5		50.7	36.7		
17	NQ	0.35	1.5		23.3	23.3		
18	NQ	0.56	1.5		37.3	6.7		
19	NQ	1.5	1.5		100.0	100.0		
20	NQ	1.05	1.5		70.0	63.3		
21	NQ	1.4	1.5		93.3	86.7		
22	NQ	0.95	1.5		63.3	60.0		
23	NQ	1.6	3		53.3	46.7		
24	NQ	1.1	1.5		73.3	68.0		
25	NQ	0.65	1.5		43.3	20.0		
26	NQ	0.5	1.5		33.3	13.3		
27	NQ	0.5	1.5		33.3	33.3		
28	NQ	1.4	1.5	2.67	93.3	93.3		
29	NQ	0.38	1.5		25.3	23.3		
30	NQ	1.35	1.5		90.0	83.3		
31	NQ	1.2	1.5		80.0	80.0		
32	NQ	0.65	1.5		43.3	53.3		
33	NQ	1	1.5		66.7	66.7		
34	NQ	1	1.5		66.7	66.7		
35	NQ	0.43	1		43.0	43.0		
36	NQ	0.86	1.5		57.3	57.3		
37	NQ	1.5	1.5		100.0	100.0		
38	NQ	0.7	1		70.0	40.0		
39	NQ	0.2	1.5		13.3	0.0		
40	NQ	0.93	1		93.0	93.0		
41	NQ	1.5	1.5	2.65	100.0	82.7		
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5										
10										
15										
20										
25										
30										
35										
40										
45										
50										
55										
	17255	<0.01	55.52	0.07	<0.01	<0.01	<0.01	0.34	<0.01	44
	17256	0.03	55.58	1.71	0.02	<0.01	<0.01	0.31	<0.01	42.26
	17257	0.28	55.76	0.49	0.08	<0.01	<0.01	0.6	<0.01	42.65
	17258	0.1	55.25	0.22	0.06	<0.01	<0.01	0.63	<0.01	43.65
	17259	0.1	55.49	0.24	0.05	<0.01	<0.01	0.3	<0.01	43.72
	17260	0.1	55.95	0.18	0.03	<0.01	<0.01	0.39	<0.01	43.25
	17261	<0.01	55.62	0.05	<0.01	<0.01	<0.01	0.27	<0.01	43.99
	17262	0.03	55.1	1.69	<0.01	<0.01	<0.01	0.29	<0.01	42.82
	17263	<0.01	55.56	0.04	<0.01	<0.01	<0.01	0.32	<0.01	44.03
	17264	0.02	55.6	0.04	0.02	<0.01	<0.01	0.25	<0.01	44.02
	17265	0.02	55.75	0.05	<0.01	<0.01	<0.01	0.26	<0.01	43.86
	17266	<0.01	55.64	0.04	<0.01	<0.01	<0.01	0.26	<0.01	44.01

TARİH : 30.12.2023 *Date*

SONDAJ JEOLOĞU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 371.1 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-13**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 60.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 24.11.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 28.11.2023 *(Ending Date)*	**X (KUZEY) :** 736564 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4087007 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm 3) *Intensity (gr/cm 3)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0.60.0) Limestone: Bej-pembemsi bej renkli, masif, yer yer kalsit dolgulu, süreksizlik yüzeyleri boyunca oksitlenme görülen ve yer yer erime boşluklu. Süreksizlikler yatay.
1	NQ	1.5	3		50.0	50.0		
2								
3								
4	NQ	1	1.5		66.7	66.7		
5								
6	NQ	0.5	1.5		33.3	89.3		
7	NQ	0.6	1.5		40.0	40.0		
8	NQ	0.4	1.5		26.7	26.7		
9								
10	NQ	3	3		100.0	93.0		
11								
12	NQ	0.83	1		83.0	77.0		
13	NQ	0.6	1.5		40.0	40.0		
14								
15	NQ	2.5	2.5		100.0	84.0		
16								
17	NQ	1	1		100.0	94.0		
18	NQ	2	2		100.0	88.0		
19								
20	NQ	1	1		100.0	96.0		
21	NQ	2	2		100.0	92.0		
22								
23	NQ	1	1		100.0	97.0		
24	NQ	1	1		100.0	78.0		
25	NQ	0.8	1		80.0	95.0		
26	NQ	1	1		100.0	98.0		
27	NQ	1	1		100.0	87.0		
28	NQ	0.9	1		90.0	81.0		
29								
30	NQ	1.9	2		95.0	76.0		
31	NQ	0.95	1	2.67	95.0	93.0		
32	NQ	1	1		100.0	98.0		
33	NQ	1	1		100.0	99.0		
34	NQ	1	1		100.0	95.0		
35	NQ	1	1		100.0	90.0		
36	NQ	1	1		100.0	90.0		
37								
38	NQ	1	1.5		66.7	66.7		
39	NQ	0.8	1.5		53.3	53.3		
40	NQ	1.1	1.5		73.3	73.3		
41								
42	NQ	1	1		100.0	92.0		
43	NQ	1	1		100.0	91.0		
44	NQ	1	1		100.0	98.0		
45								
46	NQ	2.9	3		96.7	70.0		
47								
48	NQ	1	1		100.0	92.0		
49	NQ	1	1		100.0	88.0		
50	NQ	1	1		100.0	82.0		
51								
52	NQ	2	2		100.0	90.0		
53	NQ	0.5	1.5		33.3	33.3		
54	NQ	0.1	1		10.0	0.0		
55	NQ	0.25	1		25.0	0.0		
56	NQ	1	1		100.0	87.0		
57	NQ	1	1		100.0	90.0		
58	NQ	1	1		100.0	93.0		
59	NQ	1	1		100.0	98.0		
60								

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3%	CaO %	SiO_2%	Fe_2O_3%	MnO%	Cr_2O_3%	MgO%	TiO_2%	A.Z%
0										
5										
10										
15										
20										
25										
30										
35										
40										
45										
50										
55										
	17406	0.04	55.61	0.11	<0.01	<0.01	<0.01	0.29	<0.01	43.87
	17407	0.04	56	0.08	<0.01	<0.01	<0.01	0.24	<0.01	43.6
	17408	0.04	55.85	0.12	<0.01	<0.01	<0.01	0.18	<0.01	43.75
	17409	0.04	55.52	0.09	0.02	<0.01	<0.01	0.29	<0.01	43.98
	17410	0.07	55.62	0.17	0.02	<0.01	<0.01	0.36	<0.01	43.67
	17411	<0.01	55.72	0.06	<0.01	<0.01	<0.01	0.28	<0.01	43.87
	17412	0.02	55.64	0.04	<0.01	<0.01	<0.01	0.26	<0.01	43.98
	17413	0.05	55.86	0.1	0.02	<0.01	<0.01	0.24	<0.01	43.67
	17414	0.04	55.59	0.08	0.02	<0.01	<0.01	0.3	<0.01	43.89
	17415	0.05	55.66	0.1	0.02	<0.01	<0.01	0.3	<0.01	43.79
	17416	0.08	55.78	0.2	0.03	<0.01	<0.01	0.26	<0.01	43.58
	17417	0.03	55.74	0.08	0.03	<0.01	<0.01	0.22	<0.01	43.85

TARİH : 18.12.2023 *Date*

SONDAJ JEOLOĞU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 346.6 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-14**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 61.50 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 19.12.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 21.12.2023 *(Ending Date)*	**X (KUZEY) :** 736414 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086780 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ³) *Intensity (gr/cm ³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	NQ	1.00	2.00		50.0	50.0		(0.00-45.00) Limestone: Bej renkli, sert- sıkı dokulu, masif, yer yer süreksizlik yüzeylerinde oksitlenme görülen, yer yer aragonit dolguludur.
2								
3	NQ	1.00	1.50		66.7	63.3		
4								
5	NQ	1.00	1.50		66.7	66.7		
6	NQ	1.00	1.50		66.7	64.0		
7								
8	NQ	1.00	1.50		66.7	53.3		
9	NQ	1.00	1.50		66.7	59.3		
10								
11	NQ	1.00	1.50		66.7	60.0		
12	NQ	1.00	1.50		66.7	63.3		
13								
14	NQ	1.00	1.50		66.7	62.0		
15	NQ	1.00	1.50		66.7	52.7		
16								
17	NQ	1.00	1.50	2.65	66.7	62.0		
18	NQ	1.00	1.50		66.7	60.0		
19								
20	NQ	1.10	1.50		73.3	66.7		
21	NQ	1.18	1.50		78.7	73.3		
22								
23	NQ	0.65	1.00		65.0	65.0		
24	NQ	0.32	1.50		21.3	0.0		
25								
26	NQ	0.60	1.50		40.0	33.3		
27	NQ	1.37	1.50		91.3	86.7		
28								
29	NQ	1.00	1.50		66.7	61.3		
30	NQ	1.40	1.50		93.3	90.0		
31								
32	NQ	1.00	1.50		66.7	62.0		
33	NQ	1.00	1.50		66.7	66.7		
34								
35	NQ	0.87	1.50		58.0	32.7		
36	NQ	0.94	1.50		62.7	46.0		
37								
38	NQ	0.90	1.50		60.0	54.7		
39	NQ	1.00	1.50		66.7	50.0		
40								
41	NQ	1.00	1.50		66.7	60.0		
42	NQ	1.00	1.50		66.7	55.3		
43								
44	NQ	1.00	1.50		66.7	64.0		
45	NQ	1.00	1.50		66.7	64.7		
46								(45.00-49.00) Karstic Gap
47	NQ	0.30	4.00		7.5	0.0		
48								
49	NQ	1.05	1.50		70.0	64.7		(49.00-61.50) Limestone: Bej renkli, sert-sıkı dokulu, masif, süreksizlik yüzeylerinde oksitlenme görmektedir.
50	NQ	1.20	1.50		80.0	53.3		
51								
52	NQ	1.20	1.50		80.0	74.7		
53	NQ	0.60	1.00		60.0	40.0		
54	NQ	0.35	1.00		35.0	14.0		
55								
56	NQ	1.00	1.50		66.7	66.7		
57	NQ	1.50	1.50		100.0	94.7		
58								
59	NQ	1.15	1.50		76.7	62.0		
60								
61	NQ	1.30	1.50		86.7	73.3		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17679	0.02	55.7	0.04	<0.01	<0.01	<0.01	0.32	<0.01	43.39
10	17680	0.11	55.32	0.47	0.06	<0.01	<0.01	0.31	<0.01	43.48
15	17681	<0.01	55.72	0.04	<0.01	<0.01	<0.01	0.35	<0.01	42.94
20	17682	0.02	55.85	0.04	<0.01	<0.01	<0.01	0.33	<0.01	42.94
25	17683	0.08	55.17	0.3	0.03	<0.01	<0.01	0.3	<0.01	43.85
30	17684	<0.01	55.81	0.05	<0.01	<0.01	<0.01	0.32	<0.01	43.04
35	17685	<0.01	55.55	0.07	0.03	<0.01	<0.01	0.3	<0.01	43.02
40	17686	<0.01	55.48	0.06	<0.01	<0.01	<0.01	0.38	<0.01	43.49
45	17687	0.04	55.14	0.1	0.02	<0.01	<0.01	0.44	<0.01	43.29
49	17688	<0.01	55.07	0.05	<0.01	<0.01	<0.01	0.37	<0.01	43.91
50										
55	17689	<0.01	55.81	0.08	0.02	<0.01	<0.01	0.33	<0.01	42.76
	17690/ 17691	0.012 5	55.67 5	0.035	<0.01	<0.01	<0.01	0.385	<0.01	42.9

TARİH : 10.01.2024 *Date*

SONDAJ JEOLOĞU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 436.1	**KUYU ADI** *(Borehole Name)*	**ADH-16**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 13.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 14.12.2023	**X (KUZEY) :** *(X-Northing)* 736255
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086846

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0,30.0) Limestone: Bej renkli, intraklastlı, masif, yer yer kalsit dolgulu, süreksizlikleri paralel olup, süreksizlik yüzeyleri boyunca yer yer oksitlenme görülmektedir.
1	BQ	0.85	1		85.0	85.0		
2	BQ	0.5	1		50.0	35.0		
3	BQ	0.9	1		90.0	70.0		
4	BQ	0.87	1		87.0	73.0		
5	BQ	0.84	1		84.0	77.0		
6	BQ	0.7	1		70.0	70.0		
7	BQ	0.7	1		70.0	44.0		
8	BQ	0.5	1		50.0	30.0		
9	BQ	0.73	1		73.0	60.0		
10	BQ	0.8	1		80.0	67.0		
11	BQ	0.65	1		65.0	30.0		
12	BQ	0.9	1		90.0	80.0		
13	BQ	0.83	1		83.0	73.0		
14	BQ	0.78	1		78.0	78.0		
15	BQ	1	1		100.0	100.0		
16	BQ	0.8	1		80.0	80.0		
17	BQ	0.7	1		70.0	70.0		
18	BQ	0.68	1		68.0	62.0		
19	BQ	0.68	1		68.0	67.0		
20	BQ	0.68	1		68.0	68.0		
21	BQ	0.85	1		85.0	73.0		
22	BQ	0.85	1		85.0	78.0		
23	BQ	0.8	1		80.0	53.0		
24	BQ	0.74	1		74.0	50.0		
25	BQ	0.65	1	2.67	65.0	62.0		
26	BQ	0.73	1		73.0	66.0		
27	BQ	0.95	1		95.0	82.0		
28	BQ	0.75	1		75.0	60.0		
29	BQ	0.8	1		80.0	80.0		
30	BQ	0.95	1		95.0	80.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	18530	0.15	55.45	0.32	0.09	<0.01	<0.01	0.35	<0.01	43.45
10	18531	0.12	55.03	0.25	0.05	<0.01	<0.01	0.35	<0.01	44.05
15	18532	0.12	55.53	0.25	0.05	<0.01	<0.01	0.38	<0.01	43.53
20	18533	0.16	55.64	0.28	0.06	<0.01	<0.01	0.4	<0.01	43.3
25	18534	0.13	55.31	0.2	0.05	<0.01	<0.01	0.32	<0.01	43.85
	18535	0.13	55.33	0.24	0.05	<0.01	<0.01	0.35	<0.01	43.77

TARİH : *Date*	30.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 391.0 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-17**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 52.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 12.11.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 16.11.2023 *(Ending Date)*	**X (KUZEY) :** 736647 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4087051 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ³) *Intensity (gr/cm ³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0.52.0) Limestone: Bej-pembemsi bej renkli, masif, intraklastlı, yer yer 1-3 cm kalınlığında kalsit dolgulu, süreksizlikler yatay ve yer yer oksitlenmiş
1	NQ	2.2	3		73.3	71.3		
2								
3								
4	NQ	1.1	1.5		73.3	54.7		
5	NQ	1.5	1.5		100.0	96.7		
6	NQ	1	1		100.0	85.0		
7	NQ	1	1		100.0	80.0		
8	NQ	1	1		100.0	82.0		
9	NQ	1	1		100.0	92.0		
10								
11	NQ	0.8	2		40.0	27.5		
12								
13	NQ	2	2		100.0	98.0		
14								
15	NQ	0.85	1.5		56.7	53.3		
16	NQ	1	1		100.0	97.0		
17	NQ	0.7	1		70.0	66.0		
18	NQ	1	1		100.0	89.0		
19	NQ	1	1		100.0	95.0		
20	NQ	1	1		100.0	93.0		
21	NQ	1	1		100.0	95.0		
22	NQ	1	1		100.0	95.0		
23	NQ	1	1		100.0	97.0		
24	NQ	1	1		100.0	93.0		
25	NQ	1	1		100.0	94.0		
26	NQ	1	1		100.0	89.0		
27	NQ	1	1		100.0	96.0		
28	NQ	1	1		100.0	93.0		
29	NQ	1	1		100.0	88.0		
30								
31	NQ	0.2	2		10.0	10.0		
32	NQ	0.8	1		80.0	70.0		
33	NQ	1	1		100.0	98.0		
34	NQ	1	1		100.0	95.0		
35	NQ	0.95	1		95.0	80.0		
36	NQ	0.75	1		75.0	73.0		
37	NQ	1	1		100.0	95.0		
38	NQ	0.95	1		95.0	87.0		
39	NQ	0.9	1		90.0	89.0		
40	NQ	1	1		100.0	87.0		
41	NQ	0.8	1		80.0	73.0		
42	NQ	0.8	1		80.0	80.0		
43	NQ	1	1	2.68	100.0	90.0		
44	NQ	1	1		100.0	96.0		
45	NQ	0.98	1		98.0	93.0		
46	NQ	0.95	1		95.0	90.0		
47	NQ	1	1		100.0	98.0		
48	NQ	1	1		100.0	92.0		
49	NQ	1	1		100.0	91.0		
50	NQ	1	1	2.67	100.0	94.0		
51	NQ	1	1		100.0	80.0		
52	NQ	0.5	0.5		100.0	100.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*
33.30-33.50	17532	Pet: Yoğun şekilde kalsit damarcıklarıyla ağsal olarak kesilmiş mikritik kireçtaşı

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3%	CaO %	SiO_2%	Fe_2O_3%	MnO%	Cr_2O_3%	MgO%	TiO_2%	A.Z%
0										
5										
10										
15										
20										
25										
30										
35										
40										
45										
	17570	<0.01	55.57	0.03	<0.01	<0.01	<0.01	0.25	<0.01	44.05
	17571	0.01	55.47	0.04	0.01	<0.01	<0.01	0.3	<0.01	44.05
	17572	0.01	55.47	0.03	0.01	<0.01	<0.01	0.3	<0.01	44.08
	17573	0.01	55.57	0.03	0.01	<0.01	<0.01	0.33	<0.01	43.95
	17574	0.01	55.74	0.04	0.02	<0.01	<0.01	0.36	<0.01	43.72
	17575	0.01	55.61	0.03	<0.01	<0.01	<0.01	0.34	<0.01	43.88
	17576	0.02	55	0.03	0.01	<0.01	<0.01	0.32	<0.01	44.5
	17577	0.04	55.91	0.05	0.01	<0.01	<0.01	0.29	<0.01	43.56
	17578	0.04	56.02	0.07	0.02	<0.01	<0.01	0.28	<0.01	43.46
	17579	0.01	56.01	0.03	<0.01	<0.01	<0.01	0.24	<0.01	43.59

TARİH : *Date*	28.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 393.3 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-18**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 60.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 12.12.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 15.12.2023 *(Ending Date)*	**X (KUZEY) :** 736395 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086916 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm 3) *Intensity (gr/cm 3)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								(0.0.60.0) Limestone: Bej renkli, intraklastlı, masif, yer yer 1-4 mm kalsit dolgulu, süreksizlikleri paralel olup, süreksizlik yüzeyleri boyunca yer yer oksitlenme görülmektedir.
1	NQ	1.85	2		92.5	91.0		
2								
3	NQ	1	1.5		66.7	66.7		
4								
5	NQ	0.4	1.5		26.7	26.7		
6	NQ	0.85	1.5		56.7	41.3		
7	NQ	1.38	1.5		92.0	86.7		
8								
9	NQ	1.5	1.5		100.0	100.0		
10	NQ	1.4	1.5		93.3	93.3		
11								
12	NQ	2.5	2.5		100.0	80.0		
13				2.67				
14								
15	NQ	1.3	2		65.0	65.0		
16								
17	NQ	1.45	1.5		96.7	96.7		
18	NQ	1.35	1.5		90.0	80.0		
19	NQ	1.5	1.5		100.0	100.0		
20	NQ	1	1		100.0	100.0		
21								
22	NQ	0.85	1.5		56.7	56.7		
23	NQ	1.5	1.5		100.0	100.0		
24								
25								
26	NQ	2.3	3		76.7	71.7		
27								
28								
29	NQ	2	3		66.7	63.3		
30								
31								
32	NQ	1.55	2.5		62.0	56.0		
33	NQ	1	1.5		66.7	66.7		
34								
35	NQ	1	1.5	2.66	66.7	66.7		
36	NQ	1	1.5		66.7	63.3		
37								
38	NQ	0.95	1.5		63.3	63.3		
39	NQ	1	1.5		66.7	63.3		
40								
41	NQ	1.25	1.5		83.3	83.3		
42								
43	NQ	1.4	2.5		56.0	56.0		
44								
45	NQ	1.3	1.5		86.7	86.7		
46								
47	NQ	1	1.5		66.7	63.3		
48	NQ	1	1.5		66.7	66.7		
49								
50	NQ	1	1.5		66.7	60.0		
51	NQ	1	1.5		66.7	66.7		
52								
53	NQ	1	1.5		66.7	66.7		
54	NQ	1	1.5		66.7	66.7		
55								
56	NQ	0.95	1.5		63.3	63.3		
57	NQ	1	1.5	2.68	66.7	66.7		
58								
59	NQ	1	1.5		66.7	66.7		
60	NQ	1	1		100.0	100.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5										
10										
15										
20										
25										
30										
35										
40										
45										
50										
55										
	17594	0.1	55.82	0.24	0.1	<0.01	<0.01	0.29	<0.01	43.08
	17595	0.1	55.9	0.16	0.08	<0.01	<0.01	0.32	<0.01	43.14
	17596	0.12	55.84	0.24	0.05	<0.01	<0.01	0.34	<0.01	43.25
	17597	0.08	55.93	0.22	0.03	<0.01	<0.01	0.32	<0.01	43.32
	17598	0.03	55.99	0.1	<0.01	<0.01	<0.01	0.21	<0.01	43.6
	17599	<0.01	55.66	0.04	<0.01	<0.01	<0.01	0.23	<0.01	44.02
	17600	0.03	55.53	0.15	0.01	<0.01	<0.01	0.22	<0.01	44
	18519	0.02	55.46	0.08	<0.01	<0.01	<0.01	0.29	<0.01	44.09
	18520	<0.01	55.7	0.03	<0.01	<0.01	<0.01	0.21	<0.01	43.99
	18521	0.02	55.88	0.04	<0.01	<0.01	<0.01	0.26	<0.01	43.75
	18522	0.02	55.74	0.04	<0.01	<0.01	<0.01	0.33	<0.01	43.81
	18523	0.02	55.58	0.04	0.01	<0.01	<0.01	0.28	<0.01	44

TARİH : 30.12.2023 *Date*

SONDAJ JEOLOĞU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 338.4 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-19**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 30.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 20.12.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 21.12.2023 *(Ending Date)*	**X (KUZEY) :** 736096 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086625 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	BQ	0.83	1		83.0	83.0		(0.00-30.00) Limestone: Açık bej renkli, sert-sıkı dokulu, intraklastlı, süreksizlik yüzeylerinde oksitlenme ve yer yer koyu gri kalsit ile 18.80-19.00 m arasında kil dolgusu görülmektedir.
2	BQ	0.87	1		87.0	67.0		
3	BQ	1	1		100.0	100.0		
4	BQ	0.83	1		83.0	63.0		
5	BQ	0.9	1		90.0	83.0		
6	BQ	0.92	1		92.0	92.0		
7	BQ	0.92	1		92.0	78.0		
8	BQ	0.86	1		86.0	66.0		
9	BQ	0.95	1		95.0	76.0		
10	BQ	0.9	1		90.0	45.0		
11	BQ	0.86	1		86.0	76.0		
12	BQ	0.8	1		80.0	76.0		
13	BQ	0.88	1		88.0	80.0		
14	BQ	0.8	1		80.0	50.0		
15	BQ	0.73	1		73.0	53.0		
16	BQ	0.66	1		66.0	58.0		
17	BQ	0.82	1		82.0	68.0		
18	BQ	0.87	1		87.0	80.0		
19	BQ	0.94	1		94.0	90.0		
20	BQ	0.6	1		60.0	42.0		
21	BQ	0.8	1		80.0	55.0		
22	BQ	0.85	1		85.0	60.0		
23	BQ	0.73	1		73.0	73.0		
24	BQ	0.9	1		90.0	78.0		
25	BQ	0.8	1		80.0	62.0		
26	BQ	1	1		100.0	100.0		
27	BQ	1	1	2.60	100.0	95.0		
28	BQ	1	1		100.0	96.0		
29	BQ	0.9	1		90.0	90.0		
30	BQ	0.97	1		97.0	97.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
	17701/ 17702	0.045	55.42	0.09	<0.01	<0.01	<0.01	0.3	<0.01	43.42
5										
	17703	<0.01	55.67	0.09	0.02	<0.01	<0.01	0.3	<0.01	43.05
10										
	17704	0.04	55.35	0.07	0.02	<0.01	<0.01	0.27	<0.01	43.45
15										
	17705	0.06	55.43	0.09	0.02	<0.01	<0.01	0.26	<0.01	43.18
20										
	17706	0.03	55.58	0.06	0.02	<0.01	<0.01	0.26	<0.01	43.11
25										
	17707	0.06	55.38	0.25	0.12	<0.01	<0.01	0.32	<0.01	42.87

TARİH : *Date*	10.01.2024
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 326.4 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-21**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 60.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 24.12.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 25.12.2023 *(Ending Date)*	**X (KUZEY) :** 736406 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086413 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ³) *Intensity (gr/cm ³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	NQ	1	1		100.0	93.0		(0.00-30.30) Limestone: Bej renkli, intraklastlı, masif, kırık-çatlaklı, yer yer gözenekli, süreksizlik yüzeyleri oksitlenmeli, açıklıkları kil, kalsit ve yer yer aragonit dolgulu mitritik kireçtaşıdır. 28.50-30.30 m aralığında parçalı, aşırı derecede ayrışmış kireçtaşı seviyesi mevcuttur.
2	NQ	0.24	2		12.0	6.0		
3								
4	NQ	0.76	1.5		50.7	50.7		
5	NQ	1	1		100.0	100.0		
6	NQ	1	1		100.0	100.0		
7	NQ	0.95	1		95.0	95.0		
8	NQ	0.47	1.5		31.3	16.7		
9								
10	NQ	0.25	1.5		16.7	12.7		
11	NQ	0.55	1.5		36.7	26.7		
12								
13	NQ	0.6	1.5	2.63	40.0	26.7		
14	NQ	1.4	1.5		93.3	93.3		
15								
16	NQ	1.5	1.5		100.0	95.3		
17								
18	NQ	1.16	1.5		77.3	77.3		
19	NQ	0.45	1.5		30.0	10.0		
20								
21	NQ	0.24	1.5		16.0	0.0		
22	NQ	0.67	1.5		44.7	33.3		
23								
24	NQ	0.3	1.5		20.0	0.0		
25	NQ	0.37	1.5		24.7	0.0		
26								
27	NQ	0.28	1.5		18.7	0.0		
28	NQ	0.7	1.5		46.7	40.0		
29	NQ	0.12	1.5		8.0	0.0		
30								
31	NQ	0.17	1.5		11.3	0.0		(30.30-33.00) Serpentinite: Koyu yeşilimsi- koyu gri renkli, tamamen ayrışmış, parçalı, çok kötü kaya kalitelidir.
32	NQ	0.24	1.5		16.0	0.0		
33								
34	NQ	0.7	1.5		46.7	46.7		(33.00-36.00) Limestone: Bej renkli, masif, kırıklı, sağlam dayanımlı kireçtaşıdır.
35	NQ	0.75	1.5		50.0	46.7		
36								
37	NQ	0.25	1.5		16.7	0.0		(36.00-60.00) Serpentinite: Koyu yeşilimsi- koyu gri renkli, tamamen ayrışmış, parçalı, çok kötü kaya kalitelidir.
38								
39	NQ	0.3	1.5		20.0	0.0		
40	NQ	0.13	1.5		8.7	0.0		
41								
42	NQ	0.3	1.5		20.0	0.0		
43	NQ	0.2	1.5		13.3	0.0		
44								
45	NQ	0.16	1.5		10.7	0.0		
46	NQ	0.4	1.5		26.7	0.0		
47								
48	NQ	0.4	1.5		26.7	0.0		
49	NQ	0.2	1.5		13.3	0.0		
50								
51	NQ	0.2	1.5		13.3	0.0		
52	NQ	0.26	1.5		17.3	0.0		
53								
54	NQ	0.26	1.5		17.3	0.0		
55	NQ	0.36	1.5		24.0	0.0		
56								
57	NQ	0.31	1.5		20.7	0.0		
58	NQ	0.23	1.5		15.3	0.0		
59								
60	NQ	0.25	1.5		16.7	0.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3%	CaO %	SiO_2%	Fe_2O_3%	MnO%	Cr_2O_3%	MgO%	TiO_2%	A.Z%
0										
5										
10										
15										
20										
25										
33	17742/ 17743	0.0125	55.815	0.08	0.03	<0.01	<0.01	0.25	<0.01	43.025
	17744	0.03	56.01	0.07	<0.01	<0.01	<0.01	0.22	<0.01	43.53
	17745	0.03	55.94	0.1	0.02	<0.01	<0.01	0.26	<0.01	43.2
	17746	0.03	54.86	0.1	0.05	<0.01	<0.01	0.2	<0.01	43.71
	17747	0.08	55.72	0.22	0.08	<0.01	<0.01	0.28	<0.01	43.44
	17748	0.13	55.79	0.39	0.09	<0.01	<0.01	0.27	<0.01	43.24
	17749	0.06	55.91	0.2	0.12	<0.01	<0.01	0.22	<0.01	43.06

TARİH : 10.01.2024 *Date*

SONDAJ JEOLOĞU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 285.5 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-22**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 60.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 25.12.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 27.12.2023 *(Ending Date)*	**X (KUZEY) :** 736298 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086358 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ³) *Intensity (gr/cm ³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	NQ	1.75	2		87.5	80.0		(0.00-9.00) Limestone: Bej renkli, intraklastlı, masif, nadiren mangan dendritli, süreksizlikleri paralel olan mitritik kireçtaşı.
2								
3	NQ	0.52	1		52.0	18.0		
4	NQ	0.6	1.5		40.0	36.0		
5								
6	NQ	0.7	1.5		46.7	46.7		
7	NQ	1.25	1.5	2.61	83.3	66.7		
8								
9	NQ	1.4	1.5		93.3	85.3		(9.00-60.00) Serpentinite: Açık kahve renkli, aşırı derecede zayıf dayanımlı, aşırı derecede bozunmuş, zemin niteliğindedir.
10	NQ	0.6	1.5		40.0	0.0		
11	NQ	0.6	1.5		40.0	0.0		
12								
13	NQ	0.4	1.5		26.7	0.0		
14								
15	NQ	0.4	2		20.0	0.0		
16	NQ	0.6	1.5		40.0	0.0		
17								
18	NQ	0.2	1.5		13.3	0.0		
19	NQ	0.25	1.5		16.7	0.0		
20								
21	NQ	0.2	1.5		13.3	0.0		
22	NQ	0.25	1.5		16.7	0.0		
23								
24	NQ	0.3	1.5		20.0	0.0		
25								
26	NQ	0.2	1.5		13.3	0.0		
27	NQ	0.45	1.5		30.0	0.0		
28								
29	NQ	0.4	1.5		26.7	0.0		
30	NQ	0.4	1.5		26.7	0.0		
31	NQ	0.2	0.5		40.0	0.0		
32	NQ	0.3	1.5		20.0	0.0		
33								
34	NQ	0.3	1.5		20.0	0.0		
35	NQ	0.35	1.5		23.3	0.0		
36								
37	NQ	0.22	1.5		14.7	8.7		
38	NQ	0.22	1.5		14.7	0.0		
39								
40	NQ	0.27	1.5		18.0	0.0		
41	NQ	0.26	1.5		17.3	0.0		
42								
43	NQ	0.27	1.5		18.0	0.0		
44	NQ	0.3	1.5		20.0	0.0		
45								
46	NQ	0.35	1.5		23.3	0.0		
47	NQ	0.36	1.5		24.0	0.0		
48								
49	NQ	0.31	1.5		20.7	0.0		
50	NQ	0.27	1.5		18.0	0.0		
51								
52	NQ	0.28	1.5		18.7	0.0		
53	NQ	0.62	1.5		41.3	0.0		
54								
55	NQ	0.34	1.5		22.7	0.0		
56	NQ	0.64	1.5		42.7	0.0		
57								
58	NQ	0.58	1.5		38.7	0.0		
59	NQ	1.03	1.5		68.7	0.0		
60	NQ	0.45	0.5		90.0	0.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*
8.20-8.30	17537	Pet: Mikritik kireçtaşı

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17751/ 17752	0.025	55.825	0.095	0.035	<0.01	<0.01	0.245	<0.01	43.36
	17753	0.05	55.94	0.16	0.05	<0.01	<0.01	0.25	<0.01	43.32

TARİH : 10.01.2024 *Date*

SONDAJ JEOLOĞU : Jeo. Müh. M. Avni TAPTIK *Borehole Geologist*

KONTROL EDEN : Jeo.Yük. Müh. Deniz GÖÇ *Controlling*

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : ER3137103_Vişne Madencilik *(Project Name)*	**SONDAJ KOTU :** 308.2 *(Borehole Elevation)*	**KUYU ADI** *(Borehole Name)*	**ADH-26**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** 60.00 *(Borehole Depth)*	**BAŞLAMA TARİHİ :** 30.12.2023 *(Starting Date)*	**KOOR. SİSTEMİ :** ED-50_Zon36 *(Coordinate Sysytem)*
LOKASYON : Adana/ Ceyhan (Gündogan) *(Location)*	**EĞİM :** 90 *(Dip)*	**BİTİŞ TARİHİ :** 01.01.2024 *(Ending Date)*	**X (KUZEY) :** 736006 *(X-Northing)*
MADENİN CİNSİ : Kalker *(Type of Ore)*	**EĞİM YÖNÜ :** 0 *(Dip direction)*	**LOG ÖLÇEĞİ :** 1/100 *(Log Scale)*	**Y (DOĞU) :** 4086162 *(Y-Easting)*

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm ³) *Intensity (gr/cm ³)*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	NQ	1.46	1.5		97.3	97.3		(0.00-58.30) Limestone: Açık grimsi- gri renkli, yer yer mm-cm boyutuda kalsit ve kil dolgulu, stilolit çatlaklı, masif, kırıklı, süreksizlik yüzeyleri boyunca oksitlenme görülmetedir.
2	NQ	1.1	1.5		73.3	62.7		
3	NQ	0.35	1.5		23.3	14.7		
4	NQ	0.9	1.5		60.0	53.3		
5	NQ	0.1	1.5		6.7	0.0		
6	NQ	0.33	1.5		22.0	22.0		
7	NQ	0.5	1.5		33.3	8.7		
8	NQ	1.17	1.5		78.0	69.3		
9	NQ	0.97	1.5		64.7	51.3		
10	NQ	0.6	1.5		40.0	40.0		
11	NQ	0.4	1.5		26.7	20.0		
12	NQ	0.65	1.5		43.3	40.0		
13	NQ	0.37	1.5		24.7	24.7		
14	NQ	0.42	1.5		28.0	24.7		
15	NQ	0.9	1.5		60.0	60.0		
16	NQ	0.55	1.5		36.7	27.3		
17	NQ	0.32	1.5		21.3	10.0		
18	NQ	0.68	1.5		45.3	36.0		
19	NQ	1	1.5		66.7	53.3		
20	NQ	1.04	1.5		69.3	69.3		
21	NQ	0.3	1.5	2.68	20.0	14.7		
22	NQ	1.3	1.5		86.7	35.3		
23	NQ	0.73	1.5		48.7	26.7		
24	NQ	1.05	1.5		70.0	58.0		
25	NQ	0.75	1.5		50.0	36.7		
26	NQ	0.5	1.5		33.3	23.3		
27	NQ	0.73	1.5		48.7	37.3		
28	NQ	0.55	1.5		36.7	15.3		
29	NQ	0.43	1.5		28.7	22.0		
30	NQ	1.3	1.5		86.7	60.0		
31	NQ	1.2	1.5		80.0	66.7		
32	NQ	0.75	1.5		50.0	41.3		
33	NQ	0.45	1.5		30.0	13.3		
34	NQ	0.9	1.5		60.0	16.7		
35	NQ	0.88	1.5		58.7	40.7		
36	NQ	0.9	1.5		60.0	43.3		
37	NQ	1.1	1.5		73.3	41.3		
38	NQ	1.3	1.5		86.7	80.7		
39	NQ	1	1		100.0	75.0		
40	NQ	1	1		100.0	30.0		
41	NQ	0.78	1		78.0	0.0		
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								(58.30-60.00) Serpentinite: Koyu yeşilimsi, parçalı, tamamen ayrışmış, artık zemin niteliğinde, serpantin
60								

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*
38.10-38.20	17538	Pet: Mikritik kireçtaşı

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%
0										
5	17755/ 17756	0.035	55.73	0.115	0.03	<0.01	<0.01	0.245	<0.01	43.225
10	17757	0.13	54.95	0.3	0.07	<0.01	<0.01	0.23	<0.01	43.38
15	17758	<0.01	55.76	0.1	0.01	<0.01	<0.01	0.21	<0.01	43.27
20	17759	0.02	55.63	0.07	0.03	<0.01	<0.01	0.22	<0.01	43.89
25	17760	0.03	55.83	0.07	0.02	<0.01	<0.01	0.27	<0.01	43.22
30	17761	0.02	55.97	0.07	0.02	<0.01	<0.01	0.26	<0.01	43.02
35	17762	0.02	55.86	0.08	<0.01	<0.01	<0.01	0.29	<0.01	43.5
40	17763	<0.01	55.74	0.12	0.02	<0.01	<0.01	0.26	<0.01	43.38
45	17764	0.02	55.92	0.08	<0.01	<0.01	<0.01	0.23	<0.01	43.51
50	17765	0.02	55.73	0.07	<0.01	<0.01	<0.01	0.28	<0.01	43.52
55	17766	0.06	55.71	0.15	0.03	<0.01	<0.01	0.38	<0.01	43.11
60										

TARİH : *Date*	10.01.2024
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

MİTUS ARAMA VE PROJE AŞ.

SONDAJ LOGU
BOREHOLE LOG

EK 2

PROJE ADI : *(Project Name)* ER3137103_Vişne Madencilik	**SONDAJ KOTU :** *(Borehole Elevation)* 219.9	**KUYU ADI** *(Borehole Name)*	**ADH-29**
ER NO : 3137103	**SONDAJ DERİNLİĞİ :** *(Borehole Depth)* 30.00	**BAŞLAMA TARİHİ :** *(Starting Date)* 23.12.2023	**KOOR. SİSTEMİ :** *(Coordinate Sysytem)* ED-50_Zon36
LOKASYON : *(Location)* Adana/ Ceyhan (Gündogan)	**EĞİM :** *(Dip)* 90	**BİTİŞ TARİHİ :** *(Ending Date)* 24.12.2023	**X (KUZEY) :** *(X-Northing)* 736223
MADENİN CİNSİ : *(Type of Ore)* Kalker	**EĞİM YÖNÜ :** *(Dip direction)* 0	**LOG ÖLÇEĞİ :** *(Log Scale)* 1/100	**Y (DOĞU) :** *(Y-Easting)* 4086101

Derinlik (m) *Depth (m)*	Karot Çapı *Core Diameter*	Manevra Boyu (m) *Run Length (m)*	Karot Boyu *Core Length (m)*	Yoğunluk (gr/cm)3 *İntensity (gr/cm)3*	Karot TCR (%) *Total Core Recovery*	RQD (%) *Rock Quality Des*	LİTOLOJİ *Lithology*	TANIMLAMA *Description*
0								
1	NQ	0.35	1		35.0	0.0		(0.0,1.0) Overburden: Koyu kahverengimsi, dağılgan nebati toprak ve çamur.
2	NQ	0.4	1		40.0	0.0		(1.0,3.5) Limestone: Açık kahverengimsi renkli, aşırı derecede zayıf dayanımlı, zemin niteliğinde, tamamen ayrışmış, 3 m'den sonra 30 cm kadar blokludur.
3	NQ	0.5	1		50.0	0.0		
4	NQ	0.53	1		53.0	14.0		(3.5,30.0) Serpentinite: Koyu yeşilimsi- koyu gri renkli, tamamen ayrışmış, parçalı, çok kötü kaya kalitelidir.
5	NQ	0.45	1		45.0	0.0		
6	NQ	0	1		0.0	0.0		
7	NQ	0.34	1		34.0	0.0		
8	NQ	0.3	1		30.0	0.0		
9	NQ	0.3	1		30.0	0.0		
10	NQ	0.35	1		35.0	0.0		
11	NQ	0.36	1		36.0	0.0		
12	NQ	0.31	1		31.0	0.0		
13	NQ	0.6	1		60.0	0.0		
14	NQ	0.28	1		28.0	0.0		
15	NQ	0.37	1		37.0	0.0		
16	NQ	0.25	1		25.0	0.0		
17	NQ	0.3	1		30.0	0.0		
18	NQ	0.4	1		40.0	0.0		
19	NQ	0.3	1		30.0	0.0		
20	NQ	0.35	1		35.0	0.0		
21	NQ	0.35	1		35.0	0.0		
22	NQ	0.3	1		30.0	0.0		
23	NQ	0.33	1		33.0	0.0		
24	NQ	0.33	1		33.0	0.0		
25	NQ	0.27	1		27.0	0.0		
26	NQ	0.34	1		34.0	0.0		
27	NQ	0.34	1		34.0	0.0		
28	NQ	0.3	1		30.0	0.0		
29	NQ	0.34	1		34.0	0.0		
30	NQ	0.32	1		32.0	0.0		

Min-Pet/XRD Analiz Sonuçları *Min-Pet/XRD Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Tanımlama *Description*

Kimyasal Analiz Sonuçları *Chemical Analysis Results*

Derinlik (m) *Depth (m)*	Numune No *Sample No*	Al_2O_3 %	CaO %	SiO_2 %	Fe_2O_3 %	MnO%	Cr_2O_3 %	MgO%	TiO_2 %	A.Z%

TARİH : *Date*	26.12.2023
SONDAJ JEOLOĞU : *Borehole Geologist*	Jeo. Müh. M. Avni TAPTIK
KONTROL EDEN : *Controlling*	Jeo.Yük. Müh. Deniz GÖÇ

MİTUS ARAMA

KAROT
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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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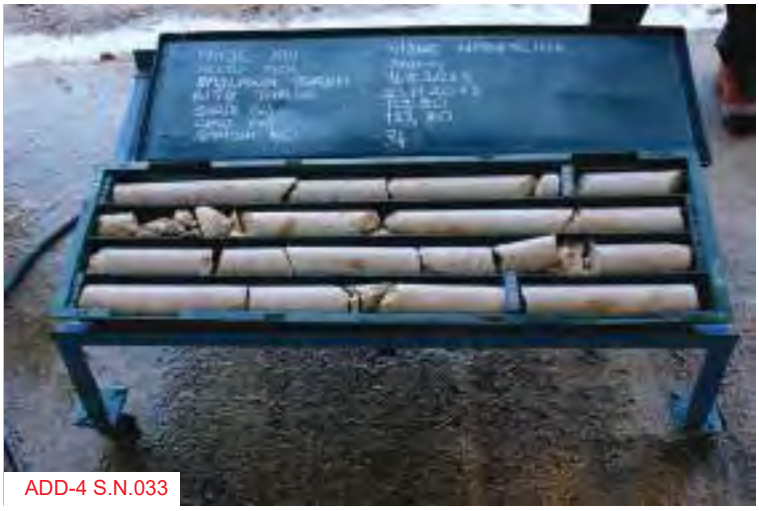

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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MİTUS ARAMA

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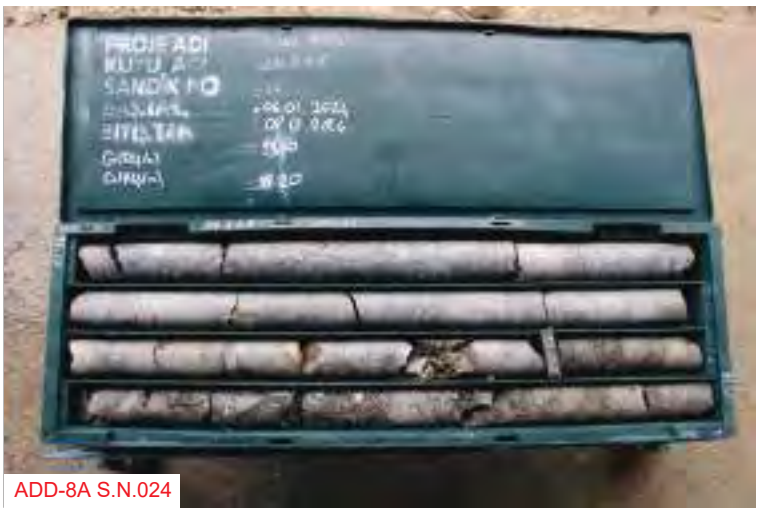

ADD-8A S.N.024

MİTUS ARAMA

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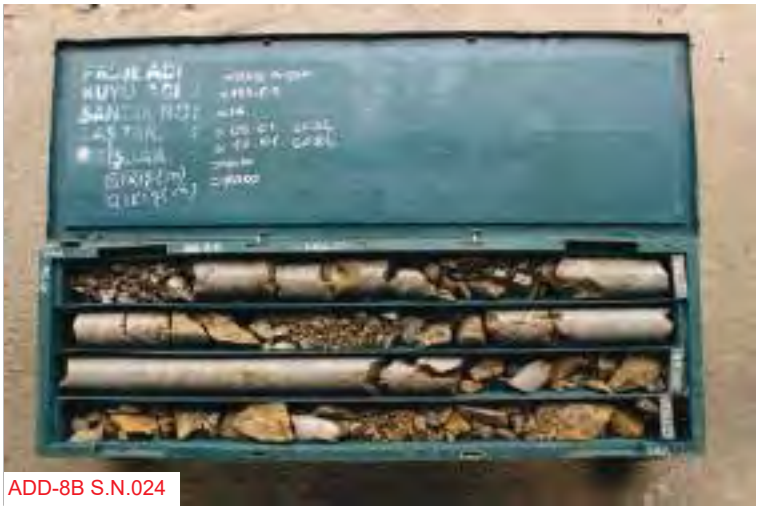

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MİTUS ARAMA