

ADD-10A



ADD-10A S.N.009



ADD-10A S.N.010



ADD-10A S.N.011



ADD-10A S.N.012



ADD-10A S.N.013



ADD-10A S.N.014



ADD-10A S.N.015



ADD-10A S.N.016



ADD-10A S.N.017



ADD-10A S.N.018



ADD-10A S.N.019



ADD-10A S.N.020



ADD-10A S.N.021



ADD-10A S.N.022



ADD-10A S.N.023



ADD-10A S.N.024

ADD-10A



ADD-10A S.N.025



ADD-10A S.N.026



ADD-10A S.N.027



ADD-10A S.N.028



ADD-10A S.N.029



ADD-10A S.N.030



ADD-10A S.N.031



ADD-10A S.N.032



ADD-10A S.N.033



ADD-10A S.N.034



ADD-10A S.N.035



ADD-10A S.N.036



ADD-10A S.N.037

ADD-10B



ADD-10B S.N.001



ADD-10B S.N.002



ADD-10B S.N.003



ADD-10B S.N.004



ADD-10B S.N.005



ADD-10B S.N.006



ADD-10B S.N.007



ADD-10B S.N.008

ADD-10B



ADD-10B S.N.009



ADD-10B S.N.010



ADD-10B S.N.011



ADD-10B S.N.012



ADD-10B S.N.013



ADD-10B S.N.014



ADD-10B S.N.015



ADD-10B S.N.016

ADD-10B



ADD-10B S.N.017



ADD-10B S.N.018



ADD-10B S.N.019



ADD-10B S.N.020



ADD-11A S.N.001



ADD-11A S.N.002



ADD-11A S.N.003



ADD-11A S.N.004



ADD-11A S.N.005



ADD-11A S.N.006



ADD-11A S.N.007



ADD-11A S.N.008



ADD-11A S.N.009



ADD-11A S.N.010



ADD-11A S.N.011



ADD-11A S.N.012



ADD-11A S.N.013



ADD-11A S.N.014



ADD-11A S.N.015



ADD-11A S.N.016



ADD-11A S.N.017



ADD-11A S.N.018



ADD-11A S.N.019



ADD-11A S.N.020



ADD-11A S.N.021



ADD-11A S.N.022



ADD-11A S.N.023



ADD-11A S.N.024

ADD-11A



ADD-11A S.N.025

ADD-11B



ADD-11B S.N.001



ADD-11B S.N.002



ADD-11B S.N.003



ADD-11B S.N.004



ADD-11B S.N.005



ADD-11B S.N.006



ADD-11B S.N.007



ADD-11B S.N.008

ADD-11B



ADD-11B S.N.009



ADD-11B S.N.010



ADD-11B S.N.011



ADD-11B S.N.012



ADD-11B S.N.013



ADD-11B S.N.014



ADD-11B S.N.015



ADD-11B S.N.016

ADD-11B



ADD-11B



ADD-11B S.N.025



ADD-11B S.N.026



ADD-11B S.N.027



ADD-11B S.N.028



ADD-11B S.N.029



ADD-11B S.N.030



ADD-11B S.N.031



ADD-11B S.N.032

ADD-11B



ADD-11B S.N.033



ADD-11B S.N.034



ADD-11B S.N.035



ADD-11B S.N.036



ADD-11B S.N.037



ADD-11B S.N.038



ADD-11B S.N.039



ADD-11B S.N.040

ADD-12A



ADD-12A S.N.001



ADD-12A S.N.002



ADD-12A S.N.003



ADD-12A S.N.004



ADD-12A S.N.005



ADD-12A S.N.006



ADD-12A S.N.007



ADD-12A S.N.008

ADD-12A





ADD-12A S.N.017



ADD-12A S.N.018



ADD-12A S.N.019



ADD-12A S.N.020



ADD-12A S.N.021



ADD-12A S.N.022



ADD-12A S.N.023



ADD-12A S.N.024

ADD-12A



ADD-12A S.N.025



ADD-12A S.N.026



ADD-12A S.N.027



ADD-12A S.N.028



ADD-12A S.N.029



ADD-12A S.N.030



ADD-12A S.N.031



ADD-12A S.N.032



ADD-12A S.N.033



ADD-12A S.N.034



ADD-12A S.N.035



ADD-12A S.N.036



ADD-12A S.N.037



ADD-12A S.N.038



ADD-12A S.N.039

ADD-12B



ADD-12B



ADD-12B S.N.009



ADD-12B S.N.010



ADD-12B S.N.011



ADD-12B S.N.012



ADD-12B S.N.013



ADD-12B S.N.014



ADD-12B S.N.015



ADD-12B S.N.016

ADD-12B



ADD-12B



ADD-12B S.N.025



ADD-12B S.N.026



ADD-12B S.N.027



ADD-12B S.N.028

ADH-1



ADH-1 S.N.001



ADH-1 S.N.002



ADH-1 S.N.003



ADH-1 S.N.004



ADH-1 S.N.005

ADH-2



ADH-2 S.N.001



ADH-2 S.N.002



ADH-2 S.N.003



ADH-2 S.N.004

ADH-3



ADH-4



ADH-5



ADH-6



ADH-7



ADH-7 S.N.001



ADH-7 S.N.002



ADH-7 S.N.003



ADH-7 S.N.004

ADH-9



ADH-9 S.N.001



ADH-9 S.N.002



ADH-9 S.N.003



ADH-9 S.N.004



ADH-9 S.N.005

ADH-10





ADH-10 S.N.009

ADH-11



ADH-11



ADH-11 S.N.009

ADH-12



ADH-12 S.N.001



ADH-12 S.N.002



ADH-12 S.N.003



ADH-12 S.N.004

ADH-13



ADH-13 S.N.001



ADH-13 S.N.002



ADH-13 S.N.003



ADH-13 S.N.004



ADH-13 S.N.005



ADH-13 S.N.006



ADH-13 S.N.007



ADH-13 S.N.008

ADH-13



ADH-13 S.N.009



ADH-13 S.N.010

ADH-13A



ADH-13A



ADH-13A S.N.009



ADH-13A S.N.010

ADH-13B



ADH-14



ADH-14 S.N.001



ADH-14 S.N.002



ADH-14 S.N.003



ADH-14 S.N.004



ADH-14 S.N.005



ADH-14 S.N.006

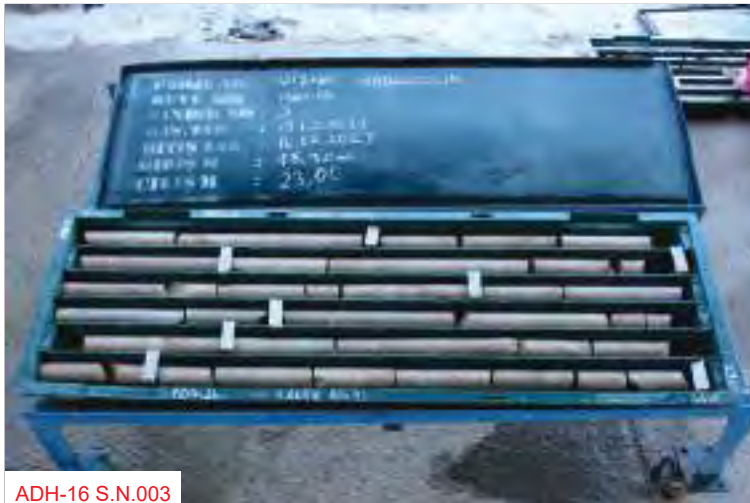


ADH-14 S.N.007

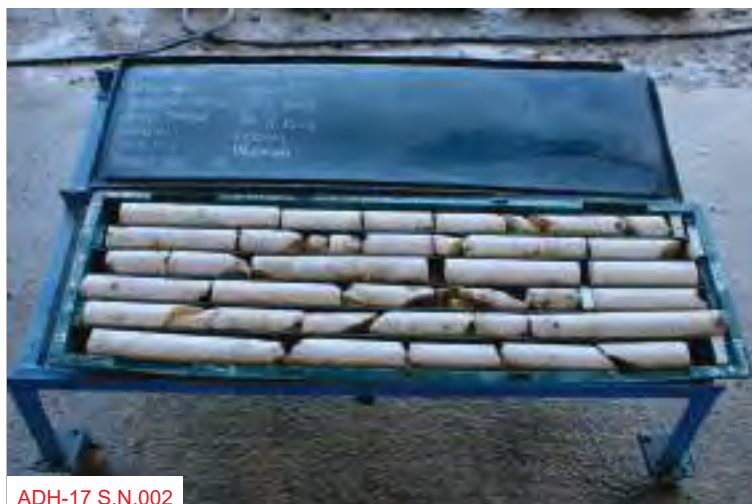


ADH-14 S.N.008

ADH-16



ADH-17



ADH-18



ADH-19



ADH-19 S.N.001



ADH-19 S.N.002



ADH-19 S.N.003



ADH-19 S.N.004



ADH-19 S.N.005

ADH-21



ADH-21 S.N.001



ADH-21 S.N.002



ADH-21 S.N.003



ADH-21 S.N.004



ADH-21 S.N.005





ADH-26 S.N.001



ADH-26 S.N.002



ADH-26 S.N.003



ADH-26 S.N.004



ADH-26 S.N.005



ADH-26 S.N.006



ADH-26 S.N.007





SONDAJ LOKASYON FOTOĞRAFLARI

SONDAJ LOKASYONLARI



SONDAJ LOKASYONLARI



SONDAJ LOKASYONLARI



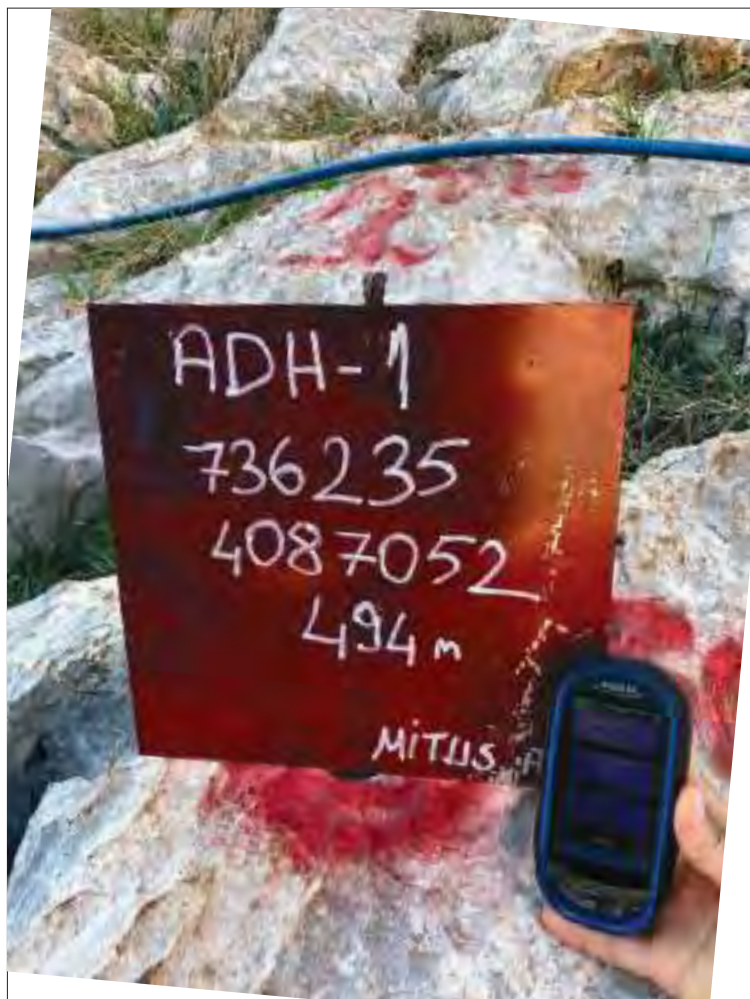
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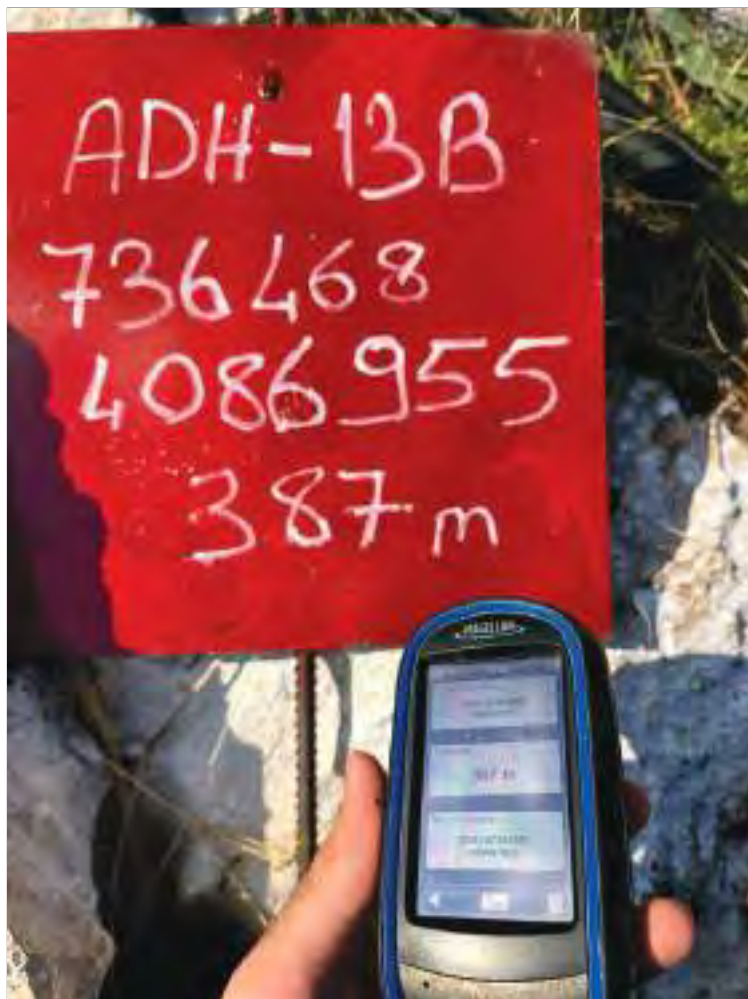
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XRF ANALİZ SONUÇLARI

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330281

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 04.12.2023
İş Numarası / Job Number	: AGT2330281
Numune Sayısı / Number of Sample	: 11
Proje Adı / Project	: 3137103 (Batch No: 3137103-0009)
Rapor Tarihi / Reported Date	: 11.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma anlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330281

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
18039	ROCK	1.73	0.04	55.91	0.05	<0.01	<0.01	<0.01	0.15	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.56
18040	ROCK	1.77	0.06	55.82	0.05	<0.01	<0.01	0.02	0.20	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.56
18501	ROCK	2.51	0.34	55.97	0.03	<0.01	<0.01	0.02	5.37	0.50	0.02	<0.01	0.30	0.02	0.02	0.10	37.25
18502	ROCK	3.35	0.02	55.89	0.06	<0.01	<0.01	0.02	0.19	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.52
18503	ROCK	3.45	0.10	55.01	0.07	<0.01	<0.01	0.02	10.23	0.07	<0.01	<0.01	0.24	0.01	<0.01	<0.01	34.18
18504	ROCK	2.7	<0.01	55.92	0.05	<0.01	<0.01	0.01	0.10	0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.65
18505	ROCK	2.33	0.08	55.84	0.07	<0.01	<0.01	0.09	0.65	0.03	<0.01	<0.01	0.37	<0.01	<0.01	0.02	42.82
18507	ROCK	3.08	0.02	55.94	0.07	<0.01	<0.01	0.02	0.05	<0.01	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.65
18508	ROCK	2.45	0.26	55.98	0.03	<0.01	<0.01	0.01	1.52	0.15	0.01	<0.01	0.26	0.01	<0.01	0.09	41.63
18510	ROCK	2.45	0.18	55.92	0.04	<0.01	<0.01	0.01	0.43	0.07	<0.01	<0.01	0.36	<0.01	0.02	0.07	42.85
18511	ROCK	2.88	0.22	55.99	0.04	<0.01	<0.01	0.02	0.54	0.06	<0.01	<0.01	0.38	<0.01	<0.01	0.06	42.63

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240075

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 04.01.2024
İş Numarası / Job Number	: AGT240075
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103 (Batch No: 3137103-0025)
Rapor Tarihi / Reported Date	: 10.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT240075

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17651	DRILL CORE	2.19	0.02	55.58	0.02	<0.01	<0.01	0.05	0.08	<0.01	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	43.93
17652	DRILL CORE	2.19	0.02	55.66	0.02	<0.01	<0.01	0.03	0.05	<0.01	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.94
17653	DRILL CORE	2.31	0.02	55.63	0.02	<0.01	<0.01	0.03	0.06	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.99
17654	DRILL CORE	2.58	0.02	55.97	0.02	<0.01	<0.01	0.03	0.05	0.02	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.60
17655	DRILL CORE	1.8	0.03	56.02	0.02	<0.01	<0.01	0.04	0.06	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.54
17656	DRILL CORE	2.3	0.02	56.03	0.02	<0.01	<0.01	0.02	0.05	<0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	43.60

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240076R

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240076R
Numune Sayısı / Number of Sample	: 14
Proje Adı / Project	: 3137103 (Batch No: 3137103-0026)
Rapor Tarihi / Reported Date	: 26.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

Türk Akkreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akkreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akkreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports.

Laboratuvarımız TÜRK AKKREDİTASYON KURUMU tarafından akredite edilmiştir. Akkreditasyon kapsamındaki analizler "*" ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Deney raporunda yer alan analiz sonuçları müşteri tarafından getirilen numuneye aittir ve Argetest temsil özelliğinden sorumlu değildir. Analizler kuru bazda ve 25 ± 3 °C'de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY. This report shall not be reproduced other than in full except with permission of the laboratory. Testing reports without signature and seal are not valid. The analysis results included in the test report belong to the sample brought by the customer and Argetest is not responsible for its representativeness. Analyses were made at 25 ± 3 °C.

İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240076R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17679	DRILL CORE	2.77	0.02	55.70	0.03	<0.01	<0.01	0.05	0.04	<0.01	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	43.39
17680	DRILL CORE	3.38	0.11	55.32	0.03	<0.01	<0.01	0.04	0.47	0.06	<0.01	<0.01	0.31	0.02	<0.01	0.02	43.48
17681	DRILL CORE	2.76	<0.01	55.72	0.04	<0.01	<0.01	0.05	0.04	<0.01	<0.01	<0.01	0.35	<0.01	<0.01	<0.01	42.94
17682	DRILL CORE	3.2	0.02	55.85	0.04	<0.01	<0.01	0.05	0.04	<0.01	<0.01	<0.01	0.33	<0.01	<0.01	<0.01	42.94
17683	DRILL CORE	1.19	0.08	55.17	0.03	<0.01	<0.01	0.05	0.30	0.03	<0.01	<0.01	0.30	0.01	<0.01	0.01	43.85
17684	DRILL CORE	4.07	<0.01	55.81	0.03	<0.01	<0.01	0.04	0.05	<0.01	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	43.04
17685	DRILL CORE	2.99	<0.01	55.55	0.03	<0.01	<0.01	0.04	0.07	0.03	<0.01	<0.01	0.30	<0.01	<0.01	<0.01	43.02
17686	DRILL CORE	2.88	<0.01	55.48	0.03	<0.01	<0.01	0.06	0.06	<0.01	<0.01	<0.01	0.38	<0.01	<0.01	<0.01	43.49
17687	DRILL CORE	3.27	0.04	55.14	0.02	<0.01	<0.01	0.07	0.10	0.02	<0.01	<0.01	0.44	<0.01	<0.01	<0.01	43.29
17688	DRILL CORE	1.13	<0.01	55.07	0.03	<0.01	<0.01	0.06	0.05	<0.01	<0.01	<0.01	0.37	<0.01	<0.01	<0.01	43.91
17689	DRILL CORE	3.22	<0.01	55.81	0.03	<0.01	<0.01	0.06	0.08	0.02	<0.01	<0.01	0.33	<0.01	<0.01	<0.01	42.76
17690	DRILL CORE	2.48	0.02	55.77	0.03	<0.01	<0.01	0.06	0.03	<0.01	<0.01	<0.01	0.38	<0.01	<0.01	<0.01	42.83
17691	DRILL CORE	2.39	<0.01	55.58	0.02	<0.01	<0.01	0.06	0.04	<0.01	<0.01	<0.01	0.39	<0.01	<0.01	<0.01	42.97
17692	PULP	0.08	0.42	36.81	<0.01	<0.01	<0.01	0.82	3.72	2.71	0.83	<0.01	15.04	0.03	<0.01	0.11	32.87

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240077R

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240077R
Numune Sayısı / Number of Sample	: 8
Proje Adı / Project	: 3137103 (Batch No: 3137103-0027)
Rapor Tarihi / Reported Date	: 26.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports.

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İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240077R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17693	DRILL CORE	0.85	0.04	55.81	0.02	<0.01	<0.01	0.08	0.09	<0.01	<0.01	<0.01	0.41	<0.01	<0.01	0.01	42.95
17694	DRILL CORE	0.95	0.04	55.72	0.02	<0.01	<0.01	0.08	0.10	0.02	<0.01	<0.01	0.38	<0.01	<0.01	<0.01	43.22
17695	DRILL CORE	1.76	0.04	55.83	0.02	<0.01	<0.01	0.07	0.07	0.02	<0.01	<0.01	0.34	<0.01	<0.01	<0.01	43.09
17696	DRILL CORE	1.85	0.06	55.83	0.02	<0.01	<0.01	0.10	0.13	0.03	<0.01	<0.01	0.34	<0.01	<0.01	0.01	43.25
17697	DRILL CORE	1.93	0.05	55.36	0.02	<0.01	<0.01	0.08	0.10	0.02	<0.01	<0.01	0.36	0.01	<0.01	<0.01	43.53
17698	DRILL CORE	1.48	0.03	55.43	0.02	<0.01	<0.01	0.08	0.09	0.02	<0.01	<0.01	0.36	<0.01	<0.01	<0.01	43.64
17699	DRILL CORE	1.37	0.06	55.86	0.02	<0.01	<0.01	0.09	0.12	0.03	<0.01	<0.01	0.42	<0.01	<0.01	<0.01	42.56
17700	PULP	0.08	0.41	36.72	<0.01	<0.01	<0.01	0.79	3.76	2.89	0.79	<0.01	14.03	0.03	<0.01	0.11	32.97

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240078R

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240078R
Numune Sayısı / Number of Sample	: 8
Proje Adı / Project	: 3137103 (Batch No: 3137103-0028)
Rapor Tarihi / Reported Date	: 26.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

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Laboratuvarımız TÜRK AKKREDİTASYON KURUMU tarafından akredite edilmiştir. Akkreditasyon kapsamındaki analizler "*" ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir. Deney raporunda yer alan analiz sonuçları müşteri tarafından getirilen numuneye aittir ve Argetest temsil özelliğinden sorumlu değildir. Analizler kuru bazda ve 25 ± 3 °C'de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY. This report shall not be reproduced other than in full except with permission of the laboratory. Testing reports without signature and seal are not valid. The analysis results included in the test report belong to the sample brought by the customer and Argetest is not responsible for its representativeness. Analyses were made at 25 ± 3 °C.

İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvardan talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240078R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17701	DRILL CORE	1.01	0.04	55.43	0.02	<0.01	<0.01	0.05	0.10	<0.01	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	43.19
17702	DRILL CORE	1.08	0.05	55.41	0.02	<0.01	<0.01	0.05	0.08	<0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.65
17703	DRILL CORE	2.39	<0.01	55.67	0.02	<0.01	<0.01	0.04	0.09	0.02	<0.01	<0.01	0.30	0.01	<0.01	<0.01	43.05
17704	DRILL CORE	1.31	0.04	55.35	0.02	<0.01	<0.01	0.03	0.07	0.02	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.45
17705	DRILL CORE	1.92	0.06	55.43	0.02	<0.01	<0.01	0.05	0.09	0.02	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.18
17706	DRILL CORE	2.26	0.03	55.58	0.02	<0.01	<0.01	0.04	0.06	0.02	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.11
17707	DRILL CORE	2.25	0.06	55.38	0.02	<0.01	<0.01	0.05	0.25	0.12	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	42.87
17708	PULP	0.08	0.38	36.67	<0.01	<0.01	<0.01	0.83	3.74	2.65	0.83	<0.01	14.53	0.03	<0.01	0.11	33.73

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240079R

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240079R
Numune Sayısı / Number of Sample	: 9
Proje Adı / Project	: 3137103 (Batch No: 3137103-0029)
Rapor Tarihi / Reported Date	: 26.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



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Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports.

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İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240079R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17742	DRILL CORE	1.46	<0.01	55.84	0.02	<0.01	<0.01	0.02	0.06	0.02	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	42.96
17743	DRILL CORE	1	0.02	55.79	0.02	<0.01	<0.01	0.02	0.10	0.04	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.09
17744	DRILL CORE	2.79	0.03	56.01	0.02	<0.01	<0.01	0.03	0.07	<0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.53
17745	DRILL CORE	2.54	0.03	55.94	0.02	<0.01	<0.01	0.02	0.10	0.02	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.20
17746	DRILL CORE	3.05	0.03	54.86	0.02	<0.01	<0.01	0.02	0.10	0.05	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.71
17747	DRILL CORE	0.9	0.08	55.72	0.02	<0.01	<0.01	0.02	0.22	0.08	<0.01	<0.01	0.28	0.01	<0.01	0.01	43.44
17748	DRILL CORE	0.87	0.13	55.79	0.02	<0.01	<0.01	0.02	0.39	0.09	<0.01	<0.01	0.27	0.01	<0.01	0.03	43.24
17749	DRILL CORE	1.45	0.06	55.91	0.03	<0.01	<0.01	0.01	0.20	0.12	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.06
17750	PULP	0.08	0.43	35.99	<0.01	<0.01	<0.01	0.80	3.80	2.89	0.80	<0.01	13.90	0.04	<0.01	0.11	33.41

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240080R

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240080R
Numune Sayısı / Number of Sample	: 4
Proje Adı / Project	: 3137103 (Batch No: 3137103-0030)
Rapor Tarihi / Reported Date	: 26.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

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İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240080R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17751	DRILL CORE	1.42	0.02	55.70	0.02	<0.01	<0.01	0.02	0.10	0.03	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.46
17752	DRILL CORE	1.73	0.03	55.95	0.02	<0.01	<0.01	0.02	0.09	0.04	<0.01	<0.01	0.23	0.01	<0.01	<0.01	43.26
17753	DRILL CORE	2.6	0.05	55.94	0.02	<0.01	<0.01	0.02	0.16	0.05	<0.01	<0.01	0.25	0.01	<0.01	0.01	43.32
17754	PULP	0.08	0.42	37.02	<0.01	<0.01	<0.01	0.82	3.77	2.85	0.79	<0.01	13.92	0.03	<0.01	0.11	32.97

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240081R

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240081R
Numune Sayısı / Number of Sample	: 13
Proje Adı / Project	: 3137103 (Batch No: 3137103-0031)
Rapor Tarihi / Reported Date	: 26.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

Türk Akkreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akkreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akkreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports.

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İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240081R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17755	DRILL CORE	1.66	0.03	55.68	0.02	<0.01	<0.01	0.02	0.10	0.03	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.44
17756	DRILL CORE	1.46	0.04	55.78	0.02	<0.01	<0.01	0.03	0.13	0.03	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.01
17757	DRILL CORE	0.99	0.13	54.95	0.02	<0.01	<0.01	0.03	0.30	0.07	<0.01	<0.01	0.23	0.01	<0.01	0.02	43.38
17758	DRILL CORE	2.65	<0.01	55.76	0.02	<0.01	<0.01	0.03	0.10	0.01	<0.01	<0.01	0.21	0.01	<0.01	<0.01	43.27
17759	DRILL CORE	1.49	0.02	55.63	0.02	<0.01	<0.01	0.01	0.07	0.03	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.89
17760	DRILL CORE	1.96	0.03	55.83	0.02	<0.01	<0.01	0.03	0.07	0.02	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.22
17761	DRILL CORE	2.62	0.02	55.97	0.02	<0.01	<0.01	0.03	0.07	0.02	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.02
17762	DRILL CORE	2.17	0.02	55.86	0.02	<0.01	<0.01	0.03	0.08	<0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.50
17763	DRILL CORE	1.85	<0.01	55.74	0.02	<0.01	<0.01	0.02	0.12	0.02	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.38
17764	DRILL CORE	1.85	0.02	55.92	0.02	<0.01	<0.01	0.02	0.08	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.51
17765	DRILL CORE	2.37	0.02	55.73	0.02	<0.01	<0.01	0.03	0.07	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.52
17766	DRILL CORE	3.99	0.06	55.71	0.02	<0.01	<0.01	0.04	0.15	0.03	<0.01	<0.01	0.38	<0.01	<0.01	<0.01	43.11
17767	PULP	0.08	0.37	36.51	<0.01	<0.01	<0.01	0.79	3.83	2.85	0.82	<0.01	13.84	0.04	<0.01	0.11	33.99

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240284

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 16.01.2024
İş Numarası / Job Number	: AGT240284
Numune Sayısı / Number of Sample	: 21
Proje Adı / Project	: 3137103 (BATCH NO: 3137103-0032)
Rapor Tarihi / Reported Date	: 24.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



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İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240284

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17768	DRILL CORE	6.23	0.14	55.81	0.08	<0.01	<0.01	0.05	0.31	0.06	<0.01	<0.01	0.40	<0.01	<0.01	0.03	43.12
17769	DRILL CORE	6.8	0.12	55.94	0.07	<0.01	<0.01	0.04	0.30	0.04	<0.01	<0.01	0.28	0.01	<0.01	0.02	43.15
17770	DRILL CORE	8.72	0.10	55.53	0.07	<0.01	<0.01	0.06	0.29	0.04	<0.01	<0.01	0.27	<0.01	<0.01	0.03	43.58
17771	DRILL CORE	9.04	<0.01	55.59	0.06	<0.01	<0.01	0.02	0.07	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.98
17772	DRILL CORE	9.92	0.05	55.84	0.05	<0.01	<0.01	0.02	0.08	0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.69
17773	DRILL CORE	8.99	0.04	55.72	0.05	<0.01	<0.01	0.02	0.09	0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.78
17774	DRILL CORE	8.87	<0.01	55.84	0.05	<0.01	<0.01	0.03	0.07	0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.69
17775	DRILL CORE	10.71	0.14	55.71	0.05	<0.01	<0.01	0.03	0.34	0.06	<0.01	<0.01	0.36	<0.01	<0.01	0.02	43.25
17776	DRILL CORE	9.87	0.03	55.74	0.05	<0.01	<0.01	0.02	0.05	0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.78
17777	DRILL CORE	9.63	0.04	55.47	0.07	<0.01	<0.01	0.02	0.11	0.02	<0.01	<0.01	0.25	<0.01	<0.01	0.02	43.98
17778	DRILL CORE	8.49	0.14	55.51	0.05	<0.01	<0.01	0.04	0.22	0.04	<0.01	<0.01	0.27	<0.01	<0.01	0.02	43.65
17779	DRILL CORE	9.21	0.18	55.61	0.06	<0.01	<0.01	0.07	0.28	0.04	<0.01	<0.01	0.33	<0.01	<0.01	0.03	43.36
17780	DRILL CORE	9.66	0.07	55.52	0.06	<0.01	<0.01	0.07	0.16	0.02	<0.01	<0.01	0.36	<0.01	<0.01	<0.01	43.69
17781	DRILL CORE	8.6	0.09	55.71	0.05	<0.01	<0.01	0.05	0.15	0.03	<0.01	<0.01	0.35	<0.01	<0.01	0.01	43.52
17782	DRILL CORE	9.64	0.15	55.59	0.05	<0.01	<0.01	0.03	0.26	0.04	<0.01	<0.01	0.34	<0.01	<0.01	0.02	43.48
17783	DRILL CORE	9.12	0.09	55.66	0.05	<0.01	<0.01	0.03	0.12	0.04	<0.01	<0.01	0.37	0.01	<0.01	<0.01	43.58
17784	DRILL CORE	8.41	0.08	55.56	0.04	<0.01	<0.01	0.02	0.39	0.05	<0.01	<0.01	0.19	<0.01	<0.01	0.01	43.61
17785	DRILL CORE	9.14	0.10	55.99	0.05	<0.01	<0.01	0.03	0.20	0.03	<0.01	<0.01	0.16	<0.01	<0.01	0.02	43.43
17786	DRILL CORE	9.34	0.31	55.77	0.05	<0.01	<0.01	0.10	0.70	0.09	<0.01	<0.01	0.58	<0.01	<0.01	0.07	42.28
17787	DRILL CORE	11.96	0.25	55.68	0.05	<0.01	<0.01	0.05	0.45	0.04	<0.01	<0.01	0.42	<0.01	<0.01	0.04	42.98
17788	PULP	0.05	0.29	36.45	<0.01	<0.01	<0.01	0.55	3.75	1.72	0.54	<0.01	13.98	<0.01	<0.01	0.07	33.62

QUALITY CONTROL REPORT

AGT240284

Method	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
Analyte	Al2O3	CaO	SrO	BaO	Na2O	SO3	SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	K2O	LOI1000	
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10

Sample	Type															
17783	DRILL CORE	0.09	55.66	0.05	<0.01	<0.01	0.03	0.12	0.04	<0.01	<0.01	0.37	0.01	<0.01	<0.01	43.58
17783-DUP	DUPLICATE	0.05	55.61	0.05	<0.01	<0.01	0.02	0.16	0.04	<0.01	<0.01	0.33	<0.01	<0.01	0.01	43.67

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240285

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VİŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 16.01.2024
İş Numarası / Job Number	: AGT240285
Numune Sayısı / Number of Sample	: 5
Proje Adı / Project	: 3137103 (BATCH NO: 3137103-0033)
Rapor Tarihi / Reported Date	: 24.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO / IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO / IEC 17025:2017** as test laboratory.

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İİM: İşletme içi metod/In house method.

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A. Buhur

Abdullah BUHUR
Laboratory Manager



CERTIFICATE OF ANALYSIS

AGT240285

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17789	DRILL CORE	5.45	0.05	55.79	0.07	<0.01	<0.01	0.02	0.58	0.03	<0.01	<0.01	0.31	0.02	<0.01	<0.01	43.10
17790	DRILL CORE	4.18	0.04	55.99	0.08	<0.01	<0.01	0.04	0.24	0.02	<0.01	<0.01	0.33	0.02	<0.01	0.01	43.21
17791	DRILL CORE	4.17	0.08	56.02	0.08	<0.01	<0.01	0.03	0.27	0.02	<0.01	<0.01	0.34	0.01	<0.01	<0.01	42.98
17792	DRILL CORE	8.84	0.06	55.84	0.08	<0.01	<0.01	0.04	0.30	0.02	<0.01	<0.01	0.30	0.02	<0.01	<0.01	43.04
17793	PULP	0.06	0.29	36.12	<0.01	0.41	<0.01	0.88	3.85	2.02	0.64	<0.01	13.92	0.02	<0.01	0.09	34.17

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240286R

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 29.01.2024
İş Numarası / Job Number	: AGT240286R
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103(BATCH NO: 3137103-0034)
Rapor Tarihi / Reported Date	: 30.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

Türk Akkreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akkreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akkreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports.

Laboratuvarımız TÜRK AKKREDITASYON KURUMU tarafından akredite edilmiştir. Akkreditasyon kapsamındaki analizler "*" ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir. Deney raporunda yer alan analiz sonuçları müşteri tarafından getirilen numuneye aittir ve Argetest temsil özelliğinden sorumlu değildir. Analizler kuru bazda ve 25 ± 3 °C'de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY. This report shall not be reproduced other than in full except with permission of the laboratory. Testing reports without signature and seal are not valid. The analysis results included in the test report belong to the sample brought by the customer and Argetest is not responsible for its representativeness. Analyses were made at 25 ± 3 °C.

İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240286R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17794	DRILL CORE	9.27	0.08	55.18	0.07	0.01	0.01	0.20	0.29	0.06	0.01	0.01	0.27	0.01	0.01	0.02	43.03
17795	DRILL CORE	8	0.10	55.56	0.06	0.01	0.01	0.03	0.25	0.04	0.01	0.01	0.52	0.01	0.01	0.03	43.19
17796	DRILL CORE	8.79	0.10	56.01	0.07	0.01	0.01	0.04	0.21	0.03	0.01	0.01	0.31	0.01	0.01	0.03	43.01
17797	DRILL CORE	6.03	0.09	55.72	0.05	0.01	0.01	0.02	0.24	0.02	0.01	0.01	0.29	0.01	0.01	0.02	43.04
17798	DRILL CORE	5.73	0.16	55.93	0.05	0.01	0.01	0.03	0.25	0.03	0.01	0.01	0.27	0.01	0.01	0.01	43.18
17799	PULP	0.05	0.38	36.13	0.01	0.01	0.01	0.71	3.75	2.90	0.80	0.01	14.08	0.03	0.03	0.11	33.86

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240287

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 16.01.2024
İş Numarası / Job Number	: AGT240287
Numune Sayısı / Number of Sample	: 29
Proje Adı / Project	: 3137103 (BATCH NO: 3137103-0035)
Rapor Tarihi / Reported Date	: 24.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

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İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240287

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17800	DRILL CORE	9.39	0.12	55.61	0.06	<0.01	<0.01	0.16	0.24	0.04	<0.01	<0.01	0.35	<0.01	<0.01	0.02	43.36
17801	DRILL CORE	7.2	0.10	55.64	0.06	<0.01	<0.01	0.15	0.23	0.04	<0.01	<0.01	1.13	<0.01	<0.01	0.02	42.60
17802	DRILL CORE	4.85	0.10	55.52	0.07	<0.01	<0.01	0.19	0.28	0.04	<0.01	<0.01	1.87	<0.01	<0.01	0.01	41.87
17803	DRILL CORE	4.76	0.12	55.73	0.07	<0.01	<0.01	0.16	0.25	0.03	<0.01	<0.01	1.71	<0.01	<0.01	0.01	41.85
17804	DRILL CORE	4.92	0.07	55.99	0.07	<0.01	<0.01	0.04	0.19	0.03	<0.01	<0.01	0.39	<0.01	<0.01	0.02	43.15
17805	DRILL CORE	4.61	0.09	55.64	0.07	0.02	<0.01	0.05	0.21	0.04	<0.01	<0.01	0.37	<0.01	<0.01	0.02	43.44
17806	DRILL CORE	8.82	0.06	55.81	0.06	<0.01	<0.01	0.03	0.10	0.02	<0.01	<0.01	0.32	<0.01	<0.01	0.01	43.56
17807	DRILL CORE	8.38	0.04	55.71	0.05	<0.01	<0.01	0.03	0.12	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.78
17808	DRILL CORE	7.8	0.06	55.57	0.05	<0.01	<0.01	0.02	0.12	0.02	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.87
17809	DRILL CORE	10.21	0.03	55.84	0.06	<0.01	<0.01	0.02	0.09	0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.69
17810	DRILL CORE	7.54	<0.01	55.73	0.06	<0.01	<0.01	0.03	0.07	<0.01	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.87
17811	DRILL CORE	8.6	<0.01	55.66	0.06	<0.01	<0.01	0.01	0.05	0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	43.98
17812	DRILL CORE	6.6	<0.01	55.94	0.06	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.69
17813	DRILL CORE	10.15	0.10	55.53	0.06	<0.01	<0.01	0.06	0.14	0.01	<0.01	<0.01	0.30	<0.01	<0.01	<0.01	43.75
17814	DRILL CORE	10.62	0.11	55.96	0.06	<0.01	<0.01	0.07	0.21	0.02	<0.01	<0.01	0.32	<0.01	<0.01	0.01	43.18
17815	DRILL CORE	9.6	0.22	55.77	0.06	<0.01	<0.01	0.07	0.39	0.04	<0.01	<0.01	0.39	<0.01	<0.01	0.04	42.98
17816	DRILL CORE	10.43	0.14	55.65	0.05	<0.01	<0.01	0.03	0.29	0.03	<0.01	<0.01	0.37	<0.01	<0.01	0.02	43.38
17817	DRILL CORE	9.42	0.16	55.57	0.05	<0.01	<0.01	0.03	0.31	0.03	<0.01	<0.01	0.28	<0.01	<0.01	0.03	43.49
17818	DRILL CORE	9.62	0.07	55.77	0.05	<0.01	<0.01	0.05	0.19	0.03	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.57
17819	DRILL CORE	9.43	0.12	55.96	0.05	<0.01	<0.01	0.04	0.34	0.04	<0.01	<0.01	0.38	<0.01	<0.01	0.03	42.98
17820	DRILL CORE	10.18	0.09	55.62	0.05	<0.01	<0.01	0.04	0.16	0.03	<0.01	<0.01	0.35	<0.01	<0.01	0.02	43.58
17821	DRILL CORE	8.69	0.05	55.68	0.05	<0.01	<0.01	0.04	0.12	0.02	<0.01	<0.01	0.30	0.02	<0.01	<0.01	43.69
17822	DRILL CORE	9.07	0.12	55.54	0.05	<0.01	<0.01	0.05	0.23	0.06	<0.01	<0.01	0.39	<0.01	<0.01	0.02	43.50
17823	DRILL CORE	9.66	0.28	55.63	0.05	<0.01	<0.01	0.04	0.53	0.08	<0.01	<0.01	0.33	<0.01	<0.01	0.05	42.98
17824	DRILL CORE	10.16	0.16	55.95	0.05	<0.01	<0.01	0.05	0.30	0.07	<0.01	<0.01	0.35	<0.01	0.01	0.03	42.99
17825	DRILL CORE	10	0.11	55.92	0.04	<0.01	<0.01	0.04	0.19	0.05	<0.01	<0.01	0.31	<0.01	<0.01	0.02	43.28
17826	DRILL CORE	7.51	0.20	55.76	0.06	<0.01	<0.01	0.08	0.32	0.05	<0.01	<0.01	0.37	<0.01	<0.01	0.03	43.10
17827	DRILL CORE	6.77	0.37	55.70	0.03	<0.01	<0.01	0.06	0.77	0.07	<0.01	<0.01	0.37	<0.01	0.02	0.07	42.50
17828	PULP	0.05	0.32	35.99	<0.01	<0.01	<0.01	0.64	4.03	1.96	0.58	<0.01	14.01	0.02	<0.01	0.07	33.42

QUALITY CONTROL REPORT

AGT240287

	Method	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Al2O3	CaO	SrO	BaO	Na2O	SO3	SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	K2O	LOI1000
	Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10

Sample	Type															
17805	DRILL CORE	0.09	55.64	0.07	0.02	<0.01	0.05	0.21	0.04	<0.01	<0.01	0.37	<0.01	<0.01	0.02	43.44
17805-DUP	DUPLICATE	0.09	55.53	0.07	0.02	<0.01	0.05	0.19	0.03	<0.01	<0.01	0.36	<0.01	<0.01	0.01	43.59

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240288

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 16.01.2024
İş Numarası / Job Number	: AGT240288
Numune Sayısı / Number of Sample	: 23
Proje Adı / Project	: 3137103 (BATCH NO : 3137103-0036)
Rapor Tarihi / Reported Date	: 25.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

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İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240288

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17878	DRILL CORE	1.63	1.29	51.44	0.14	0.05	<0.01	0.06	5.56	0.47	0.03	<0.01	0.89	0.01	0.07	0.31	39.61
17879	DRILL CORE	1.56	1.44	50.97	0.13	0.05	0.12	0.06	6.37	0.50	0.03	<0.01	0.74	0.02	0.10	0.32	39.06
17880	DRILL CORE	7.14	0.80	55.71	0.19	<0.01	<0.01	0.09	3.26	0.35	0.02	<0.01	0.56	0.02	0.05	0.20	38.69
17881	DRILL CORE	4.13	4.93	36.81	0.18	0.02	0.29	0.27	25.45	1.59	0.04	<0.01	2.09	0.05	0.40	0.96	26.84
17882	DRILL CORE	5.97	3.98	41.94	0.11	0.05	<0.01	0.13	12.41	1.16	0.03	<0.01	2.42	0.04	0.21	0.91	36.51
17883	DRILL CORE	8.89	0.85	55.80	0.10	<0.01	<0.01	0.10	2.37	0.23	<0.01	<0.01	1.15	0.02	0.05	0.26	39.02
17884	DRILL CORE	9.16	0.56	55.90	0.10	<0.01	<0.01	0.07	1.77	0.16	<0.01	<0.01	0.83	0.01	0.04	0.15	40.36
17885	DRILL CORE	10.36	0.75	53.35	0.10	<0.01	<0.01	0.08	2.07	0.17	<0.01	<0.01	0.91	0.01	0.03	0.20	42.28
17886	DRILL CORE	5.27	0.59	55.61	0.06	<0.01	<0.01	0.12	2.08	0.16	0.01	<0.01	0.50	<0.01	0.02	0.17	40.63
17887	DRILL CORE	5.7	0.55	55.75	0.06	<0.01	<0.01	0.10	1.90	0.15	<0.01	<0.01	0.53	<0.01	0.03	0.18	40.70
17888	DRILL CORE	5.87	0.50	55.71	0.09	<0.01	<0.01	0.16	1.22	0.13	<0.01	<0.01	1.36	<0.01	0.02	0.16	40.59
17889	DRILL CORE	6.83	0.26	55.54	0.07	<0.01	<0.01	0.10	0.62	0.08	<0.01	<0.01	0.39	<0.01	0.02	0.10	42.78
17890	DRILL CORE	11.63	0.42	55.90	0.07	<0.01	<0.01	0.09	1.00	0.13	<0.01	<0.01	0.39	<0.01	0.01	0.16	41.78
17891	DRILL CORE	6.03	0.43	55.78	0.07	<0.01	<0.01	0.03	1.01	0.14	<0.01	<0.01	0.36	<0.01	0.02	0.14	41.98
17892	DRILL CORE	5.64	0.37	55.93	0.06	<0.01	<0.01	0.05	0.92	0.15	<0.01	<0.01	0.40	<0.01	0.02	0.15	41.89
17893	DRILL CORE	6.9	0.40	55.71	0.07	<0.01	<0.01	0.03	1.24	0.13	<0.01	<0.01	0.37	<0.01	0.01	0.15	41.86
17894	DRILL CORE	5.38	0.15	55.69	0.05	<0.01	<0.01	0.02	0.61	0.07	<0.01	<0.01	0.29	<0.01	<0.01	0.06	43.02
17895	DRILL CORE	8.22	0.36	55.67	0.05	<0.01	<0.01	0.04	1.26	0.13	<0.01	<0.01	0.33	<0.01	<0.01	0.13	41.98
17896	DRILL CORE	9.41	0.62	55.53	0.09	<0.01	<0.01	0.17	2.10	0.15	<0.01	<0.01	1.07	<0.01	0.04	0.20	39.98
17897	DRILL CORE	6.6	1.09	55.75	0.10	<0.01	<0.01	0.26	2.47	0.22	<0.01	<0.01	1.58	<0.01	0.07	0.34	38.12
17898	DRILL CORE	7.33	0.89	55.56	0.09	<0.01	<0.01	0.23	1.82	0.21	<0.01	<0.01	1.83	<0.01	0.04	0.29	38.96
17899	DRILL CORE	10.85	0.18	55.57	0.07	<0.01	<0.01	0.08	0.33	0.08	0.03	<0.01	0.35	<0.01	<0.01	0.02	43.25
17900	PULP	0.05	0.46	35.98	<0.01	<0.01	<0.01	0.02	4.09	2.88	0.02	<0.01	13.90	<0.01	<0.01	<0.01	33.67

QUALITY CONTROL REPORT

AGT240288

Method	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
Analyte	Al2O3	CaO	SrO	BaO	Na2O	SO3	SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	K2O	LOI1000	
Unit	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10

Sample	Type															
17886	DRILL CORE	0.59	55.61	0.06	<0.01	<0.01	0.12	2.08	0.16	0.01	<0.01	0.50	<0.01	0.02	0.17	40.63
17886-DUP	DUPLICATE	0.59	55.52	0.06	<0.01	<0.01	0.13	2.12	0.16	<0.01	<0.01	0.55	<0.01	0.03	0.18	40.60

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240409

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240409
Numune Sayısı / Number of Sample	: 15
Proje Adı / Project	: 3137103 (BATCH NO: 3137103-0037)
Rapor Tarihi / Reported Date	: 25.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports.

Laboratuvarımız TÜRK AKREDİTASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler "*" ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir. Deney raporunda yer alan analiz sonuçları müşteri tarafından getirilen numuneye aittir ve Argetest temsil özelliğinden sorumlu değildir. Analizler kuru bazda ve 25 ± 3 °C'de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY. This report shall not be reproduced other than in full except with permission of the laboratory. Testing reports without signature and seal are not valid. The analysis results included in the test report belong to the sample brought by the customer and Argetest is not responsible for its representativeness. Analyses were made at 25 ± 3 °C.

İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240409

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17984	DRILL CORE	6.36	0.46	55.66	0.01	<0.01	<0.01	0.02	1.54	0.27	0.04	<0.01	0.21	0.01	<0.01	0.10	41.67
17985	DRILL CORE	5.15	0.85	55.01	0.01	<0.01	<0.01	0.03	2.97	0.46	0.06	<0.01	0.35	0.02	<0.01	0.22	40.01
17986	DRILL CORE	3.53	0.84	54.02	0.01	<0.01	<0.01	0.03	3.99	0.39	0.04	<0.01	0.31	0.03	<0.01	0.24	40.09
17987	DRILL CORE	3.62	1.04	53.69	0.01	<0.01	<0.01	0.03	4.22	0.44	0.04	<0.01	0.37	0.03	<0.01	0.25	39.87
17988	DRILL CORE	6.12	2.06	51.35	0.03	<0.01	<0.01	0.51	4.30	0.96	0.04	<0.01	0.66	<0.01	0.15	0.41	39.51
17989	DRILL CORE	7.21	0.78	54.72	0.03	<0.01	<0.01	0.12	1.76	0.45	<0.01	<0.01	0.55	<0.01	<0.01	0.20	41.39
17990	DRILL CORE	8.11	0.48	55.95	0.03	<0.01	<0.01	0.08	1.36	0.23	<0.01	<0.01	0.52	<0.01	<0.01	0.13	41.22
17991	DRILL CORE	8.53	0.55	55.26	0.02	<0.01	<0.01	0.09	1.16	0.22	<0.01	<0.01	0.56	<0.01	<0.01	0.15	41.98
17992	DRILL CORE	7.04	0.41	54.68	0.02	<0.01	<0.01	0.05	0.99	0.19	<0.01	<0.01	0.56	<0.01	<0.01	0.11	42.98
17993	ROCK PULP	0.06	0.47	49.53	<0.01	<0.01	<0.01	0.02	9.76	0.47	0.04	0.22	0.44	<0.01	<0.01	0.02	39.03
17994	DRILL CORE	7.36	0.35	55.11	0.02	<0.01	<0.01	0.04	0.83	0.16	<0.01	<0.01	0.53	<0.01	<0.01	0.10	42.87
17995	DRILL CORE	8.16	0.41	55.87	0.02	<0.01	<0.01	0.05	0.99	0.18	<0.01	<0.01	0.57	<0.01	<0.01	0.13	41.78
17996	DRILL CORE	8.01	0.18	55.24	0.02	<0.01	<0.01	0.04	0.40	0.09	<0.01	<0.01	0.39	<0.01	<0.01	0.05	43.58
17997	DRILL CORE	7.21	0.32	55.40	0.02	<0.01	<0.01	0.05	0.75	0.23	<0.01	0.27	0.69	<0.01	<0.01	0.06	42.19
17998	DRILL CORE	5.62	0.15	55.31	0.02	<0.01	<0.01	0.04	0.34	0.07	<0.01	<0.01	0.35	0.01	<0.01	0.03	43.67

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240410

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240410
Numune Sayısı / Number of Sample	: 3
Proje Adı / Project	: 3137103 (BATCH NO: 3137103-0038)
Rapor Tarihi / Reported Date	: 25.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

Türk Akkreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akkreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akkreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports.

Laboratuvarımız TÜRK AKKREDITASYON KURUMU tarafından akredite edilmiştir. Akkreditasyon kapsamındaki analizler "*" ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir. Deney raporunda yer alan analiz sonuçları müşteri tarafından getirilen numuneye aittir ve Argetest temsil özelliğinden sorumlu değildir. Analizler kuru bazda ve 25 ± 3 °C'de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY. This report shall not be reproduced other than in full except with permission of the laboratory. Testing reports without signature and seal are not valid. The analysis results included in the test report belong to the sample brought by the customer and Argetest is not responsible for its representativeness. Analyses were made at 25 ± 3 °C.

İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240410

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
18095	DRILL CORE	8.38	0.29	55.71	0.01	<0.01	<0.01	0.02	0.59	0.13	<0.01	<0.01	0.28	0.01	<0.01	0.08	42.87
18096	ROCK PULP	0.06	0.67	49.18	<0.01	<0.01	<0.01	0.03	9.87	0.66	0.05	0.35	0.68	<0.01	<0.01	0.03	38.48
18097	DRILL CORE	8.59	0.28	55.75	<0.01	<0.01	<0.01	0.03	0.56	0.17	<0.01	<0.01	0.23	0.02	<0.01	0.04	42.92

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240411

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240411
Numune Sayısı / Number of Sample	: 23
Proje Adı / Project	: 3137103 (BATCH NO: 3137103-0039)
Rapor Tarihi / Reported Date	: 25.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

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İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

A. Buhur
Abdullah BUHUR
Laboratory Manager



CERTIFICATE OF ANALYSIS

AGT240411

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
18201	DRILL CORE	7.13	0.35	55.47	0.01	<0.01	<0.01	0.03	0.69	0.17	<0.01	<0.01	0.35	0.01	<0.01	0.10	42.81
18202	DRILL CORE	7.62	0.18	55.59	0.02	<0.01	<0.01	0.03	0.37	0.07	<0.01	<0.01	0.41	<0.01	<0.01	0.05	43.27
18203	DRILL CORE	9.39	0.39	55.47	0.01	<0.01	<0.01	0.03	0.64	0.12	<0.01	<0.01	0.27	0.02	<0.01	0.06	42.98
18204	DRILL CORE	7.53	0.22	55.84	0.01	<0.01	<0.01	0.04	0.41	0.09	<0.01	<0.01	0.24	0.02	<0.01	0.04	43.08
18205	ROCK PULP	0.06	0.60	49.06	<0.01	<0.01	<0.01	0.03	9.90	0.64	0.06	0.34	0.65	<0.01	<0.01	0.03	38.68
18206	DRILL CORE	7.54	0.96	55.79	0.02	<0.01	<0.01	0.25	1.81	0.36	<0.01	<0.01	0.53	<0.01	<0.01	0.20	40.08
18207	DRILL CORE	9.46	0.45	55.64	0.02	<0.01	<0.01	0.07	0.86	0.13	<0.01	<0.01	0.46	<0.01	<0.01	0.12	42.26
18208	DRILL CORE	9.77	0.26	55.76	0.02	<0.01	<0.01	0.04	0.49	0.10	<0.01	<0.01	0.39	0.01	<0.01	0.06	42.87
18209	DRILL CORE	8.92	0.18	55.12	0.02	<0.01	<0.01	0.05	0.40	0.04	<0.01	<0.01	0.28	<0.01	<0.01	0.04	43.87
18210	DRILL CORE	4.6	0.29	55.51	0.02	<0.01	<0.01	0.04	0.61	0.12	<0.01	<0.01	0.37	<0.01	<0.01	0.07	42.96
18211	DRILL CORE	4.45	0.20	55.44	0.02	<0.01	<0.01	0.04	0.44	0.07	<0.01	<0.01	0.35	<0.01	<0.01	0.06	43.37
18212	DRILL CORE	9.2	0.42	55.81	0.02	<0.01	<0.01	0.04	0.97	0.16	<0.01	<0.01	0.40	<0.01	<0.01	0.13	42.04
18213	DRILL CORE	8.83	0.17	55.86	0.02	<0.01	<0.01	0.03	0.40	0.08	<0.01	<0.01	0.33	<0.01	<0.01	0.05	43.04
18214	DRILL CORE	8.5	0.11	55.46	0.02	<0.01	<0.01	0.02	0.20	0.05	<0.01	<0.01	0.31	<0.01	<0.01	0.03	43.79
18215	DRILL CORE	9.2	0.34	55.54	0.02	<0.01	<0.01	0.03	0.66	0.13	<0.01	<0.01	0.39	<0.01	<0.01	0.10	42.78
18216	DRILL CORE	8.48	0.67	55.67	0.02	<0.01	<0.01	0.06	1.36	0.25	<0.01	<0.01	0.48	<0.01	<0.01	0.21	41.29
18217	DRILL CORE	8.82	0.47	55.94	0.03	<0.01	<0.01	0.05	0.90	0.18	<0.01	<0.01	0.50	<0.01	<0.01	0.13	41.81
18218	DRILL CORE	8.02	0.31	55.80	0.01	<0.01	<0.01	0.04	0.58	0.18	<0.01	<0.01	0.25	0.02	<0.01	0.08	42.74
18219	ROCK PULP	0.06	0.21	36.71	<0.01	<0.01	<0.01	0.46	3.78	1.47	0.46	<0.01	13.90	0.01	<0.01	0.05	33.87
18220	DRILL CORE	9.97	0.11	55.80	0.02	<0.01	<0.01	0.02	0.20	0.04	<0.01	<0.01	0.29	<0.01	<0.01	0.03	43.49
18221	DRILL CORE	8.55	0.19	56.01	0.02	<0.01	<0.01	0.03	0.36	0.07	<0.01	<0.01	0.37	<0.01	<0.01	0.05	42.89
18222	DRILL CORE	7.45	0.40	55.10	0.02	<0.01	<0.01	0.04	0.88	0.16	<0.01	<0.01	0.49	<0.01	<0.01	0.12	42.78
18223	DRILL CORE	9.25	1.32	54.55	0.03	<0.01	<0.01	0.10	2.67	0.54	<0.01	<0.01	0.51	<0.01	<0.01	0.30	39.98

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT240412

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 22.01.2024
İş Numarası / Job Number	: AGT240412
Numune Sayısı / Number of Sample	: 18
Proje Adı / Project	: 3137103 (BATCH NO: 3137103-0040)
Rapor Tarihi / Reported Date	: 25.01.2024

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet
WM LOI1000	Wet Method / Grav. Finish
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur
Abdullah BUHUR
Laboratory Manager



Deney laboratuvarları olarak faaliyet gösteren **ARGETEST TÜRKAK** tan **AB-0742-T** ile **TS EN ISO/IEC 17025:2017** standartına göre akredite edilmiştir. **ARGETEST** accredited by **TÜRKAK** under registration number **AB-0742-T** for **TS EN ISO/IEC 17025:2017** as test laboratory.

Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports.

Laboratuvarımız TÜRK AKREDİTASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler "*" ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir. Deney raporunda yer alan analiz sonuçları müşteri tarafından getirilen numuneye aittir ve Argetest temsil özelliğinden sorumlu değildir. Analizler kuru bazda ve 25 ± 3 °C'de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY. This report shall not be reproduced other than in full except with permission of the laboratory. Testing reports without signature and seal are not valid. The analysis results included in the test report belong to the sample brought by the customer and Argetest is not responsible for its representativeness. Analyses were made at 25 ± 3 °C.

İİM: İşletme içi metod/In house method.

Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request.

CERTIFICATE OF ANALYSIS

AGT240412

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	WM LOI1000
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
18224	DRILL CORE	7.47	0.57	55.73	0.01	<0.01	<0.01	0.02	1.33	0.18	<0.01	<0.01	0.30	0.02	<0.01	0.10	41.73
18225	DRILL CORE	5.57	0.37	55.69	0.01	<0.01	<0.01	0.02	0.62	0.16	0.02	<0.01	0.30	0.01	<0.01	0.09	42.69
18226	DRILL CORE	3.55	0.31	55.92	0.01	<0.01	<0.01	0.02	0.52	0.12	<0.01	<0.01	0.25	0.01	<0.01	0.06	42.78
18227	DRILL CORE	3.49	0.19	55.98	0.01	<0.01	<0.01	0.03	0.34	0.15	0.02	<0.01	0.25	0.01	<0.01	0.03	42.98
18228	DRILL CORE	5.59	0.38	55.08	0.01	<0.01	<0.01	0.02	0.63	0.12	<0.01	<0.01	0.29	0.02	<0.01	0.08	43.36
18229	DRILL CORE	2.47	0.15	55.96	0.01	<0.01	<0.01	0.03	0.30	0.14	<0.01	<0.01	0.18	0.01	<0.01	0.04	43.18
18230	DRILL CORE	7.17	0.15	55.83	<0.01	<0.01	<0.01	0.03	0.27	0.16	<0.01	<0.01	0.17	<0.01	<0.01	0.03	43.34
18231	DRILL CORE	8.2	0.19	55.53	0.01	<0.01	<0.01	0.03	0.37	0.11	<0.01	<0.01	0.22	0.01	<0.01	0.05	43.47
18232	DRILL CORE	7.22	0.27	55.54	0.01	<0.01	<0.01	0.03	0.54	0.15	<0.01	<0.01	0.25	0.02	<0.01	0.06	43.12
18233	DRILL CORE	3.41	0.23	55.36	0.01	<0.01	<0.01	0.03	0.45	0.10	0.03	<0.01	0.26	0.01	<0.01	0.05	43.45
18234	DRILL CORE	1.58	0.18	55.85	0.02	<0.01	<0.01	0.04	0.33	0.12	<0.01	<0.01	0.23	0.02	<0.01	0.04	43.18
18235	ROCK PULP	0.06	0.41	48.97	<0.01	<0.01	<0.01	0.03	10.57	0.40	0.03	0.21	0.45	<0.01	<0.01	0.02	38.89
18236	DRILL CORE	1.8	0.19	55.38	0.02	<0.01	<0.01	0.04	0.39	0.13	<0.01	<0.01	0.28	0.02	<0.01	0.04	43.50
18237	DRILL CORE	1.21	0.15	55.73	0.01	<0.01	<0.01	0.04	0.28	0.10	0.02	<0.01	0.23	0.02	<0.01	0.03	43.39
18238	DRILL CORE	1.33	0.14	55.58	0.01	<0.01	<0.01	0.04	0.24	0.14	<0.01	<0.01	0.14	0.01	<0.01	0.02	43.67
18239	DRILL CORE	0.88	0.13	55.60	0.01	<0.01	<0.01	0.03	0.24	0.07	<0.01	<0.01	0.20	<0.01	<0.01	0.02	43.71
18240	DRILL CORE	2.77	0.11	55.46	<0.01	<0.01	<0.01	0.03	0.20	0.08	<0.01	<0.01	0.19	<0.01	<0.01	0.02	43.89
18241	DRILL CORE	6.74	0.21	55.31	0.01	<0.01	<0.01	0.05	0.38	0.09	<0.01	<0.01	0.16	<0.01	<0.01	0.03	43.76

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330011R

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.11.2023
İş Numarası / Job Number	: AGT2330011R
Numune Sayısı / Number of Sample	: 100
Proje Adı / Project	: 3137103 (BATCH NO:3137103-0001)
Rapor Tarihi / Reported Date	: 10.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur
Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma anlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330011R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17201/ 3137103	DRILL CORE	1.22	0.07	56.01	0.02	<0.01	<0.01	<0.01	0.19	0.03	<0.01	<0.01	0.11	<0.01	<0.01	<0.01	43.54
17202/ 3137103	DRILL CORE	1.53	0.15	55.91	0.05	<0.01	<0.01	0.03	0.45	0.07	<0.01	<0.01	0.36	<0.01	0.01	0.02	42.90
17203/ 3137103	DRILL CORE	1.65	0.06	55.78	0.05	<0.01	<0.01	0.04	0.16	0.03	<0.01	<0.01	0.31	<0.01	<0.01	0.02	43.50
17204/ 3137103	DRILL CORE	1.8	0.06	55.72	0.05	<0.01	<0.01	0.02	0.13	0.02	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.70
17205/ 3137103	DRILL CORE	1.54	0.05	55.73	0.06	<0.01	<0.01	0.03	0.11	0.02	<0.01	<0.01	0.27	<0.01	<0.01	0.01	43.68
17206/ 3137103	DRILL CORE	1.86	0.10	55.85	0.05	<0.01	<0.01	0.02	0.16	0.02	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.50
17643/ 3137103	DRILL CORE	1.37	0.06	55.78	0.07	<0.01	<0.01	0.07	0.12	0.03	<0.01	<0.01	0.35	<0.01	<0.01	0.01	43.47
17644/ 3137103	DRILL CORE	1.83	0.07	55.78	0.07	<0.01	<0.01	0.07	0.13	0.04	<0.01	<0.01	0.32	<0.01	<0.01	0.01	43.45
17645/ 3137103	DRILL CORE	1.26	0.03	56.02	0.03	<0.01	<0.01	0.03	0.06	0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	43.67
17646/ 3137103	DRILL CORE	4.88	0.18	55.52	0.06	<0.01	<0.01	0.05	0.35	0.05	<0.01	<0.01	0.31	<0.01	<0.01	0.04	43.38
17637/ 3137103	DRILL CORE	1.99	0.11	55.18	0.06	<0.01	<0.01	0.08	0.23	0.03	<0.01	<0.01	0.39	<0.01	<0.01	0.02	43.90
17638/ 3137103	DRILL CORE	1.86	0.09	55.92	0.06	<0.01	<0.01	0.07	0.20	0.02	<0.01	<0.01	0.43	<0.01	<0.01	0.02	43.15
17639/ 3137103	DRILL CORE	2.01	0.07	55.53	0.06	<0.01	<0.01	0.07	0.17	0.02	<0.01	<0.01	0.35	<0.01	<0.01	0.01	43.69
17640/ 3137103	DRILL CORE	1.82	0.07	55.41	0.06	<0.01	<0.01	0.04	0.12	0.02	<0.01	<0.01	0.34	<0.01	<0.01	0.01	43.87
17641/ 3137103	DRILL CORE	1.81	0.04	56.03	0.04	<0.01	<0.01	0.02	0.09	0.01	<0.01	<0.01	0.20	<0.01	<0.01	0.02	43.52
17642/ 3137103	DRILL CORE	1.79	0.07	55.95	0.07	<0.01	<0.01	0.08	0.19	0.03	<0.01	<0.01	0.36	<0.01	<0.01	0.02	43.20
17631/ 3137103	DRILL CORE	1.96	0.05	55.95	0.06	<0.01	<0.01	0.05	0.11	0.02	<0.01	<0.01	0.34	<0.01	<0.01	<0.01	43.38
17632/ 3137103	DRILL CORE	1.15	0.07	55.56	0.06	<0.01	<0.01	0.06	0.14	0.02	<0.01	<0.01	0.40	<0.01	<0.01	<0.01	43.65
17633/ 3137103	DRILL CORE	1.85	0.04	55.79	0.07	<0.01	<0.01	0.06	0.14	0.02	<0.01	<0.01	0.44	<0.01	<0.01	<0.01	43.39
17634/ 3137103	DRILL CORE	1.92	0.02	56.01	0.03	<0.01	<0.01	0.03	0.06	<0.01	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	43.65
17635/ 3137103	DRILL CORE	1.89	0.08	55.60	0.06	<0.01	<0.01	0.06	0.19	0.03	<0.01	<0.01	0.43	<0.01	<0.01	0.02	43.50
17636/ 3137103	DRILL CORE	2	0.05	56.02	0.03	<0.01	<0.01	0.04	0.25	0.02	<0.01	<0.01	0.20	<0.01	<0.01	0.01	43.35
17625/ 3137103	DRILL CORE	1.83	0.03	55.87	0.06	<0.01	<0.01	0.05	0.09	0.02	<0.01	<0.01	0.34	<0.01	<0.01	0.01	43.48
17626/ 3137103	DRILL CORE	2.01	0.07	55.67	0.07	<0.01	<0.01	0.04	0.11	0.03	<0.01	<0.01	0.34	<0.01	<0.01	<0.01	43.63
17627/ 3137103	DRILL CORE	1.97	0.04	55.54	0.08	<0.01	<0.01	0.06	0.09	0.02	<0.01	<0.01	0.38	0.02	<0.01	<0.01	43.75
17628/ 3137103	DRILL CORE	1.61	0.05	55.97	0.09	<0.01	<0.01	0.06	0.16	0.03	<0.01	<0.01	0.39	0.01	<0.01	<0.01	43.21
17629/ 3137103	DRILL CORE	1.92	0.02	56.03	0.04	<0.01	<0.01	0.03	0.05	<0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.59
17630/ 3137103	DRILL CORE	2.01	0.06	55.71	0.07	<0.01	<0.01	0.06	0.10	0.02	<0.01	<0.01	0.37	<0.01	<0.01	0.01	43.57
17619/ 3137103	DRILL CORE	1.99	0.07	55.49	0.07	<0.01	<0.01	0.09	0.19	0.03	<0.01	<0.01	0.40	<0.01	<0.01	0.02	43.60
17620/ 3137103	DRILL CORE	1.93	0.07	56.02	0.04	<0.01	<0.01	0.07	0.17	0.02	<0.01	<0.01	0.30	<0.01	<0.01	0.02	43.26
17621/ 3137103	DRILL CORE	1.76	0.12	55.86	0.07	<0.01	<0.01	0.10	0.22	0.04	<0.01	<0.01	0.42	<0.01	<0.01	0.03	43.10
17622/ 3137103	DRILL CORE	2.09	0.13	56.00	0.07	<0.01	<0.01	0.12	0.30	0.05	<0.01	<0.01	0.45	<0.01	<0.01	0.03	42.80
17623/ 3137103	DRILL CORE	2.08	0.13	55.93	0.07	<0.01	<0.01	0.15	0.31	0.11	<0.01	<0.01	0.42	<0.01	<0.01	0.03	42.80
17624/ 3137103	DRILL CORE	2.11	0.07	55.99	0.06	<0.01	<0.01	0.05	0.14	0.03	<0.01	<0.01	0.39	<0.01	<0.01	0.02	43.21

CERTIFICATE OF ANALYSIS

AGT2330011R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17613/ 3137103	DRILL CORE	1.85	0.22	56.02	0.07	<0.01	<0.01	0.10	0.54	0.09	<0.01	<0.01	0.41	<0.01	0.01	0.07	42.35
17614/ 3137103	DRILL CORE	1.98	0.07	56.02	0.05	<0.01	<0.01	0.07	0.15	0.03	<0.01	<0.01	0.27	<0.01	<0.01	0.02	43.29
17615/ 3137103	DRILL CORE	1.9	0.06	56.01	0.07	<0.01	<0.01	0.07	0.11	0.03	<0.01	<0.01	0.39	<0.01	<0.01	<0.01	43.22
17616/ 3137103	DRILL CORE	1.77	0.07	56.02	0.05	<0.01	<0.01	0.07	0.14	0.03	<0.01	<0.01	0.32	<0.01	<0.01	0.01	43.26
17617/ 3137103	DRILL CORE	1.85	0.08	56.02	0.05	<0.01	<0.01	0.06	0.11	0.03	<0.01	<0.01	0.31	<0.01	<0.01	0.02	43.30
17618/ 3137103	DRILL CORE	2.02	0.07	55.43	0.05	<0.01	<0.01	0.08	0.16	0.03	<0.01	<0.01	0.42	<0.01	<0.01	<0.01	43.70
17607/ 3137103	DRILL CORE	1.44	0.07	55.41	0.06	<0.01	<0.01	0.06	0.14	0.04	<0.01	<0.01	0.28	<0.01	<0.01	0.01	43.78
17608/ 3137103	DRILL CORE	1.62	0.04	55.39	0.06	<0.01	<0.01	0.07	0.10	0.04	<0.01	<0.01	0.37	<0.01	<0.01	<0.01	43.89
17609/ 3137103	DRILL CORE	1.76	0.08	55.21	0.07	<0.01	<0.01	0.10	0.22	0.05	<0.01	<0.01	0.39	<0.01	0.01	0.02	43.80
17610/ 3137103	DRILL CORE	1.87	0.12	55.36	0.06	<0.01	<0.01	0.05	0.22	0.04	<0.01	<0.01	0.37	<0.01	<0.01	0.02	43.70
17611/ 3137103	DRILL CORE	1.93	0.17	55.17	0.06	<0.01	<0.01	0.06	0.32	0.06	<0.01	<0.01	0.40	<0.01	<0.01	0.03	43.67
17612/ 3137103	DRILL CORE	1.9	0.10	56.01	0.07	<0.01	<0.01	0.06	0.26	0.05	<0.01	<0.01	0.41	<0.01	<0.01	0.03	42.98
17601/ 3137103	DRILL CORE	1.76	0.09	55.67	0.07	<0.01	<0.01	0.09	0.18	0.04	<0.01	<0.01	0.40	<0.01	<0.01	0.02	43.40
17602/ 3137103	DRILL CORE	1.88	0.05	56.02	0.06	<0.01	<0.01	0.06	0.13	0.03	<0.01	<0.01	0.30	0.02	<0.01	0.01	43.32
17603/ 3137103	DRILL CORE	2.09	0.04	56.02	0.05	<0.01	<0.01	0.04	0.10	0.02	<0.01	<0.01	0.34	<0.01	<0.01	<0.01	43.34
17604/ 3137103	DRILL CORE	1.84	0.15	55.36	0.07	<0.01	<0.01	0.06	0.22	0.03	<0.01	<0.01	0.38	<0.01	<0.01	0.03	43.65
17605/ 3137103	DRILL CORE	1.9	0.04	56.02	0.03	<0.01	<0.01	0.03	0.09	0.01	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.54
17606/ 3137103	DRILL CORE	2.01	0.06	55.77	0.06	<0.01	<0.01	0.08	0.13	0.02	<0.01	<0.01	0.33	<0.01	<0.01	<0.01	43.50
17249/ 3137103	DRILL CORE	1.89	0.14	55.84	0.08	<0.01	<0.01	0.09	0.33	0.05	<0.01	<0.01	0.41	0.01	0.01	0.04	42.97
17250/ 3137103	DRILL CORE	2.07	0.17	55.91	0.09	<0.01	<0.01	0.13	0.38	0.05	<0.01	<0.01	0.45	0.01	<0.01	0.05	42.75
17251/ 3137103	DRILL CORE	1.89	0.08	56.01	0.04	<0.01	<0.01	0.05	0.14	0.02	<0.01	<0.01	0.23	<0.01	<0.01	0.01	43.39
17252/ 3137103	DRILL CORE	1.8	0.24	55.77	0.07	<0.01	<0.01	0.09	0.53	0.07	<0.01	<0.01	0.43	0.02	<0.01	0.06	42.67
17253/ 3137103	DRILL CORE	1.85	0.13	56.01	0.06	<0.01	<0.01	0.08	0.30	0.06	<0.01	<0.01	0.46	<0.01	<0.01	0.05	42.80
17254/ 3137103	DRILL CORE	1.92	0.15	55.98	0.06	<0.01	<0.01	0.10	0.29	0.05	<0.01	<0.01	0.42	<0.01	<0.01	0.03	42.86
17243/ 3137103	DRILL CORE	2.18	0.13	55.83	0.09	<0.01	<0.01	0.08	0.33	0.05	<0.01	<0.01	0.47	<0.01	<0.01	0.04	42.94
17244/ 3137103	DRILL CORE	1.76	0.23	55.87	0.08	<0.01	<0.01	0.06	0.47	0.07	<0.01	<0.01	0.32	<0.01	0.02	0.05	42.79
17245/ 3137103	DRILL CORE	2	0.06	56.02	0.07	<0.01	<0.01	0.05	0.12	0.02	<0.01	<0.01	0.33	<0.01	<0.01	0.01	43.29
17246/ 3137103	DRILL CORE	1.58	0.09	55.12	0.08	<0.01	<0.01	0.07	0.22	0.05	<0.01	<0.01	0.40	<0.01	<0.01	0.02	43.90
17247/ 3137103	DRILL CORE	1.92	0.07	55.93	0.08	<0.01	<0.01	0.08	0.19	0.04	<0.01	<0.01	0.44	0.01	<0.01	0.03	43.10
17248/ 3137103	DRILL CORE	1.69	0.17	55.75	0.09	<0.01	<0.01	0.09	0.36	0.05	<0.01	<0.01	0.57	0.01	0.01	0.04	42.84
17237/ 3137103	DRILL CORE	1.79	0.06	56.02	0.05	<0.01	<0.01	0.05	0.14	0.04	<0.01	<0.01	0.31	<0.01	<0.01	0.02	43.27
17238/ 3137103	DRILL CORE	1.93	0.07	56.02	0.06	<0.01	<0.01	0.05	0.16	0.05	<0.01	<0.01	0.35	<0.01	<0.01	0.01	43.18
17239/ 3137103	DRILL CORE	1.82	0.09	55.95	0.07	<0.01	<0.01	0.06	0.19	0.05	<0.01	<0.01	0.42	0.01	<0.01	0.02	43.10
17240/ 3137103	DRILL CORE	1.61	0.12	55.11	0.07	<0.01	<0.01	0.07	0.30	0.05	<0.01	<0.01	0.41	0.01	<0.01	0.04	43.78

CERTIFICATE OF ANALYSIS

AGT2330011R

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17241/ 3137103	DRILL CORE	2.06	0.12	56.00	0.07	<0.01	<0.01	0.05	0.36	0.05	<0.01	<0.01	0.36	0.02	<0.01	0.04	42.90
17242/ 3137103	DRILL CORE	1.79	0.09	56.01	0.05	<0.01	<0.01	0.06	0.18	0.03	<0.01	<0.01	0.24	<0.01	<0.01	0.02	43.29
17231/ 3137103	DRILL CORE	2.02	0.20	55.74	0.06	<0.01	<0.01	0.08	0.48	0.08	<0.01	<0.01	0.44	<0.01	<0.01	0.06	42.82
17232/ 3137103	DRILL CORE	2.06	0.05	56.02	0.05	<0.01	<0.01	0.05	0.17	0.03	<0.01	<0.01	0.33	<0.01	<0.01	0.02	43.24
17233/ 3137103	DRILL CORE	1.76	0.07	56.02	0.05	<0.01	<0.01	0.07	0.18	0.03	<0.01	<0.01	0.33	<0.01	<0.01	0.02	43.21
17234/ 3137103	DRILL CORE	1.66	0.06	56.01	0.07	<0.01	<0.01	0.05	0.16	0.02	<0.01	<0.01	0.39	<0.01	<0.01	0.01	43.19
17235/ 3137103	DRILL CORE	1.87	0.14	55.70	0.07	<0.01	<0.01	0.13	0.30	0.04	<0.01	<0.01	0.54	<0.01	0.01	0.04	42.98
17236/ 3137103	DRILL CORE	2.05	0.09	56.02	0.05	<0.01	<0.01	0.07	0.19	0.03	<0.01	<0.01	0.33	<0.01	<0.01	0.02	43.17
17225/ 3137103	DRILL CORE	1.98	<0.01	55.71	0.05	<0.01	<0.01	0.03	0.04	<0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	43.88
17226/ 3137103	DRILL CORE	1.75	<0.01	56.02	0.04	<0.01	<0.01	0.01	0.05	0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.63
17227/ 3137103	DRILL CORE	1.86	<0.01	56.00	0.05	<0.01	<0.01	0.02	0.03	0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	43.60
17228/ 3137103	DRILL CORE	1.95	<0.01	56.01	0.05	<0.01	<0.01	0.02	0.06	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.58
17229/ 3137103	DRILL CORE	1.95	0.06	55.49	0.05	<0.01	<0.01	0.03	0.12	0.04	<0.01	<0.01	0.28	0.01	<0.01	0.01	43.88
17230/ 3137103	DRILL CORE	1.76	0.15	56.02	0.04	<0.01	<0.01	0.06	0.26	0.05	<0.01	<0.01	0.26	<0.01	<0.01	0.03	43.10
17219/ 3137103	DRILL CORE	2	<0.01	55.97	0.05	<0.01	<0.01	0.02	0.04	0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.70
17220/ 3137103	DRILL CORE	2.1	<0.01	56.01	0.06	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.61
17221/ 3137103	DRILL CORE	1.56	0.04	56.02	0.08	<0.01	<0.01	0.02	0.05	<0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.44
17222/ 3137103	DRILL CORE	1.59	0.02	55.87	0.06	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	43.77
17223/ 3137103	DRILL CORE	1.85	0.03	55.91	0.05	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	43.70
17224/ 3137103	DRILL CORE	1.66	<0.01	55.55	0.06	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	43.98
17213/ 3137103	DRILL CORE	1.94	<0.01	55.70	0.05	<0.01	<0.01	0.01	0.04	0.01	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.90
17214/ 3137103	DRILL CORE	1.95	0.01	56.02	0.03	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	43.65
17215/ 3137103	DRILL CORE	2.1	0.01	56.01	0.04	<0.01	<0.01	0.02	0.03	<0.01	<0.01	<0.01	0.16	<0.01	<0.01	<0.01	43.70
17216/ 3137103	DRILL CORE	1.8	0.04	55.91	0.07	<0.01	<0.01	0.02	0.11	0.02	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.53
17217/ 3137103	DRILL CORE	2.04	<0.01	55.83	0.05	<0.01	<0.01	0.02	0.06	0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.75
17218/ 3137103	DRILL CORE	2.22	0.06	56.02	0.06	<0.01	<0.01	0.02	0.08	0.02	<0.01	<0.01	0.44	<0.01	<0.01	<0.01	43.26
17207/ 3137103	DRILL CORE	1.73	0.03	56.02	0.04	<0.01	<0.01	<0.01	0.05	0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	43.68
17208/ 3137103	DRILL CORE	1.55	<0.01	56.01	0.07	<0.01	<0.01	0.02	0.07	0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.55
17209/ 3137103	DRILL CORE	1.8	0.06	55.85	0.06	<0.01	<0.01	0.02	0.15	0.03	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.60
17210/ 3137103	DRILL CORE	1.7	0.02	56.01	0.02	<0.01	<0.01	<0.01	0.07	<0.01	<0.01	<0.01	0.10	<0.01	<0.01	<0.01	43.74
17211/ 3137103	DRILL CORE	1.69	<0.01	55.94	0.04	<0.01	<0.01	<0.01	0.06	0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.68
17212/ 3137103	DRILL CORE	1.82	<0.01	56.03	0.04	<0.01	<0.01	0.01	0.05	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	43.70

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330274

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 04.12.2023
İş Numarası / Job Number	: AGT2330274
Numune Sayısı / Number of Sample	: 20
Proje Adı / Project	: 3137103 (Batch No: 3137103-0002)
Rapor Tarihi / Reported Date	: 22.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma anlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330274

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17647	DRILL CORE	5.95	0.07	55.58	0.06	<0.01	<0.01	0.02	0.86	0.05	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.10
17648	DRILL CORE	8.06	0.07	55.61	0.05	<0.01	<0.01	0.03	0.21	0.05	<0.01	<0.01	0.29	<0.01	<0.01	0.01	43.65
17649	DRILL CORE	9.27	0.07	55.66	0.06	<0.01	<0.01	0.02	0.16	0.03	<0.01	<0.01	0.27	<0.01	<0.01	0.01	43.69
17650	DRILL CORE	8.93	0.06	55.80	0.05	<0.01	<0.01	0.02	0.12	0.02	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	43.71
17301	DRILL CORE	9.01	<0.01	55.60	0.05	<0.01	<0.01	0.01	0.08	0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	44.02
17302	DRILL CORE	9.23	<0.01	55.67	0.06	<0.01	<0.01	0.02	0.05	<0.01	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	43.98
17315	DRILL CORE	8.45	0.14	55.72	0.05	<0.01	<0.01	0.09	0.42	0.03	<0.01	<0.01	0.32	<0.01	<0.01	0.02	43.17
17316	DRILL CORE	9.54	0.09	55.96	0.06	<0.01	<0.01	0.08	0.20	0.02	<0.01	<0.01	0.27	<0.01	0.01	0.02	43.26
17309	DRILL CORE	8.58	0.05	55.73	0.08	<0.01	<0.01	0.05	0.17	0.02	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	43.56
17310	DRILL CORE	9.19	0.04	55.94	0.07	<0.01	<0.01	0.10	0.08	0.01	<0.01	<0.01	0.34	<0.01	<0.01	<0.01	43.38
17311	DRILL CORE	9.37	0.04	55.81	0.06	<0.01	<0.01	0.07	0.16	0.02	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.52
17312	DRILL CORE	8.14	0.04	55.69	0.06	<0.01	<0.01	0.03	0.11	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.78
17313	DRILL CORE	8.94	0.06	55.61	0.08	<0.01	<0.01	0.03	0.16	0.02	<0.01	<0.01	0.29	<0.01	<0.01	0.02	43.68
17314	DRILL CORE	9.03	0.07	55.59	0.08	<0.01	<0.01	0.05	0.20	0.02	<0.01	<0.01	0.25	<0.01	<0.01	0.01	43.69
17303	DRILL CORE	8.72	<0.01	55.51	0.05	<0.01	<0.01	0.02	1.33	0.01	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	42.80
17304	DRILL CORE	10.07	<0.01	55.65	0.05	<0.01	<0.01	0.02	0.11	0.01	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	43.80
17305	DRILL CORE	9.4	0.03	55.55	0.05	<0.01	<0.01	0.02	0.06	<0.01	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	44.05
17306	DRILL CORE	9.6	0.04	55.88	0.05	<0.01	<0.01	0.02	0.09	0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.58
17307	DRILL CORE	9.04	0.03	55.58	0.07	<0.01	<0.01	0.03	0.11	0.02	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.82
17308	DRILL CORE	9.15	0.03	55.65	0.06	<0.01	<0.01	0.03	0.27	0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.62

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330275

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 04.12.2023
İş Numarası / Job Number	: AGT2330275
Numune Sayısı / Number of Sample	: 30
Proje Adı / Project	: 3137103 (Batch No: 3137103-0003)
Rapor Tarihi / Reported Date	: 22.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330275

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17317	DRILL CORE	8.94	0.03	55.73	0.06	<0.01	<0.01	0.09	0.11	<0.01	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.67
17318	DRILL CORE	8.75	0.03	55.56	0.04	<0.01	<0.01	0.06	0.06	<0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.98
17319	DRILL CORE	8.33	0.02	55.66	0.06	<0.01	<0.01	0.04	0.07	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.87
17320	DRILL CORE	9.12	<0.01	55.72	0.06	<0.01	<0.01	0.03	0.07	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.85
17321	DRILL CORE	8.62	<0.01	55.72	0.07	<0.01	<0.01	0.02	0.05	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.89
17322	DRILL CORE	8.05	<0.01	55.75	0.08	<0.01	<0.01	0.02	0.03	<0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.86
17341	DRILL CORE	8.89	0.03	55.68	0.07	<0.01	<0.01	0.01	0.26	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	43.75
17342	DRILL CORE	8.21	0.05	55.51	0.06	<0.01	<0.01	0.04	0.27	0.02	<0.01	<0.01	0.33	<0.01	<0.01	<0.01	43.68
17343	DRILL CORE	8.54	0.07	55.80	0.05	<0.01	<0.01	0.04	0.17	0.02	<0.01	<0.01	0.32	<0.01	<0.01	0.02	43.48
17344	DRILL CORE	8.94	0.10	55.07	0.06	<0.01	<0.01	0.09	0.19	0.03	<0.01	<0.01	0.33	<0.01	<0.01	0.02	44.07
17345	DRILL CORE	8.34	0.09	55.44	0.07	<0.01	<0.01	0.08	0.21	0.03	<0.01	<0.01	0.31	<0.01	<0.01	0.03	43.69
17346	DRILL CORE	7.1	0.15	55.20	0.07	<0.01	<0.01	0.08	0.37	0.05	<0.01	<0.01	0.34	<0.01	0.01	0.03	43.65
17335	DRILL CORE	9.31	<0.01	55.75	0.07	<0.01	<0.01	0.03	0.06	<0.01	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.78
17336	DRILL CORE	8.83	<0.01	55.91	0.07	<0.01	<0.01	0.05	0.04	<0.01	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.63
17337	DRILL CORE	8.13	<0.01	55.73	0.07	<0.01	<0.01	0.02	0.07	<0.01	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.78
17338	DRILL CORE	8.52	0.03	55.52	0.07	<0.01	<0.01	0.02	0.10	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.94
17339	DRILL CORE	8.76	0.04	55.47	0.06	<0.01	<0.01	0.02	0.10	0.01	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	44.07
17340	DRILL CORE	8.4	<0.01	55.20	0.06	<0.01	<0.01	0.02	0.13	<0.01	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	44.36
17329	DRILL CORE	7.98	0.03	55.45	0.06	<0.01	<0.01	0.03	0.07	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	44.03
17330	DRILL CORE	7.66	0.11	55.93	0.08	<0.01	0.39	0.03	0.29	0.04	<0.01	<0.01	0.28	<0.01	0.02	<0.01	42.80
17331	DRILL CORE	8.75	<0.01	55.69	0.07	<0.01	<0.01	0.02	0.05	<0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	43.89
17332	DRILL CORE	8.5	0.03	55.53	0.07	<0.01	<0.01	0.03	0.29	<0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	43.75
17333	DRILL CORE	8.42	<0.01	55.99	0.07	<0.01	<0.01	0.03	0.03	<0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	43.62
17334	DRILL CORE	8.5	<0.01	55.42	0.08	<0.01	<0.01	0.03	0.03	<0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	44.15
17323	DRILL CORE	8.17	<0.01	55.79	0.07	<0.01	<0.01	0.02	0.06	0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.78
17324	DRILL CORE	7.1	<0.01	55.54	0.07	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	44.10
17325	DRILL CORE	8.33	0.03	55.48	0.07	<0.01	<0.01	<0.01	0.37	<0.01	<0.01	<0.01	0.15	<0.01	<0.01	<0.01	43.86
17326	DRILL CORE	7.04	0.02	55.93	0.06	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	43.69
17327	DRILL CORE	7.62	0.04	55.50	0.07	<0.01	<0.01	0.03	0.16	0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.89
17328	DRILL CORE	8.53	0.03	55.23	0.07	<0.01	<0.01	0.02	0.21	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	44.17

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330276

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 04.12.2023
İş Numarası / Job Number	: AGT2330276
Numune Sayısı / Number of Sample	: 9
Proje Adı / Project	: 3137103 (Batch No: 3137103-0004)
Rapor Tarihi / Reported Date	: 22.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330276

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17354	DRILL CORE	9.44	0.19	55.54	0.09	<0.01	<0.01	0.28	0.80	0.06	<0.01	<0.01	3.85	<0.01	<0.01	0.03	39.10
17355	DRILL CORE	8.94	0.06	55.95	0.08	<0.01	<0.01	0.13	0.19	0.02	<0.01	<0.01	1.44	<0.01	<0.01	<0.01	42.10
17356	DRILL CORE	9.16	0.07	55.58	0.09	<0.01	<0.01	0.14	0.13	0.03	<0.01	<0.01	1.98	<0.01	<0.01	<0.01	41.92
17357	DRILL CORE	9.09	0.06	55.97	0.08	0.02	<0.01	0.13	0.21	0.03	<0.01	<0.01	1.28	<0.01	<0.01	0.02	42.18
17358	DRILL CORE	10.37	0.05	55.66	0.07	<0.01	<0.01	0.10	0.17	0.03	<0.01	<0.01	0.86	<0.01	<0.01	<0.01	43.01
17359	DRILL CORE	8.95	0.08	55.51	0.07	0.02	<0.01	0.18	0.16	0.02	<0.01	<0.01	1.50	<0.01	<0.01	<0.01	42.40
17360	DRILL CORE	9.08	0.15	55.65	0.08	<0.01	<0.01	0.19	0.23	0.04	<0.01	<0.01	3.60	<0.01	<0.01	0.01	39.98
17363	DRILL CORE	6.05	4.63	34.33	0.10	0.04	0.39	0.07	23.48	3.13	0.11	0.04	5.57	0.04	0.42	0.85	26.69
17366	DRILL CORE	5.89	3.72	39.35	0.08	0.04	0.33	0.23	18.08	2.95	0.06	0.03	3.68	0.03	0.37	0.84	30.07

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330277

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 11.12.2023
İş Numarası / Job Number	: AGT2330277
Numune Sayısı / Number of Sample	: 1
Proje Adı / Project	: 3137103 (Batch No: 3137103-0005)
Rapor Tarihi / Reported Date	: 18.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma anlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330277

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17405	DRILL CORE	6.37	0.05	55.61	0.04	<0.01	<0.01	0.07	0.12	0.03	<0.01	<0.01	0.37	<0.01	<0.01	<0.01	43.71

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330278

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 11.12.2023
İş Numarası / Job Number	: AGT2330278
Numune Sayısı / Number of Sample	: 12
Proje Adı / Project	: 3137103 (Batch No: 3137103-0006)
Rapor Tarihi / Reported Date	: 18.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330278

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17406	DRILL CORE	2.4	0.04	55.61	0.02	<0.01	<0.01	0.05	0.11	<0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.87
17407	DRILL CORE	1.58	0.04	56.00	0.02	<0.01	<0.01	0.02	0.08	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.60
17408	DRILL CORE	3.6	0.04	55.85	0.02	<0.01	<0.01	0.03	0.12	<0.01	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	43.75
17409	DRILL CORE	4.33	0.04	55.52	0.03	<0.01	<0.01	0.04	0.09	0.02	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.98
17410	DRILL CORE	5.21	0.07	55.62	0.03	<0.01	<0.01	0.06	0.17	0.02	<0.01	<0.01	0.36	<0.01	<0.01	0.01	43.67
17411	DRILL CORE	4.73	<0.01	55.72	0.03	<0.01	<0.01	0.04	0.06	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.87
17412	DRILL CORE	4.3	0.02	55.64	0.03	<0.01	<0.01	0.03	0.04	<0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.98
17413	DRILL CORE	3.59	0.05	55.86	0.03	<0.01	<0.01	0.03	0.10	0.02	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.67
17414	DRILL CORE	4.69	0.04	55.59	0.03	<0.01	<0.01	0.04	0.08	0.02	<0.01	<0.01	0.30	<0.01	<0.01	<0.01	43.89
17415	DRILL CORE	5.18	0.05	55.66	0.03	<0.01	<0.01	0.06	0.10	0.02	<0.01	<0.01	0.30	<0.01	<0.01	<0.01	43.79
17416	DRILL CORE	2.74	0.08	55.78	0.03	<0.01	<0.01	0.03	0.20	0.03	<0.01	<0.01	0.26	<0.01	<0.01	0.01	43.58
17417	DRILL CORE	3.93	0.03	55.74	0.02	<0.01	<0.01	0.03	0.08	0.03	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.85

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330279

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 04.12.2023
İş Numarası / Job Number	: AGT2330279
Numune Sayısı / Number of Sample	: 28
Proje Adı / Project	: 3137103 (Batch No: 3137103-0007)
Rapor Tarihi / Reported Date	: 10.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur
Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma anlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKKREDİTASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330279

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17377	DRILL CORE	7.66	0.07	54.39	0.07	<0.01	<0.01	0.04	0.18	0.03	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	44.88
17378	DRILL CORE	8.73	<0.01	55.92	0.06	<0.01	<0.01	0.04	0.08	0.02	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	43.56
17379	DRILL CORE	8.82	0.03	55.96	0.07	<0.01	<0.01	0.03	0.08	0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.52
17380	DRILL CORE	8.82	0.07	55.79	0.07	<0.01	<0.01	0.02	0.20	0.02	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.52
17381	DRILL CORE	7.98	0.08	55.93	0.08	<0.01	<0.01	0.02	1.32	0.03	<0.01	<0.01	0.28	<0.01	<0.01	0.01	42.21
17382	DRILL CORE	8.7	0.07	55.87	0.06	<0.01	<0.01	0.02	0.17	0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.52
17401	DRILL CORE	8.23	0.04	55.84	0.05	<0.01	<0.01	0.01	0.30	0.01	<0.01	<0.01	0.18	<0.01	<0.01	<0.01	43.52
17402	DRILL CORE	9.05	0.16	55.88	0.07	<0.01	<0.01	0.03	0.35	0.04	<0.01	<0.01	0.27	<0.01	<0.01	0.01	43.21
17403	DRILL CORE	8.35	0.03	55.82	0.07	<0.01	<0.01	0.02	0.08	<0.01	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	43.75
17404	DRILL CORE	12.66	0.12	55.91	0.07	<0.01	<0.01	0.02	0.25	0.03	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	43.26
17395	DRILL CORE	8.68	0.04	56.00	0.05	<0.01	<0.01	0.02	0.24	0.02	<0.01	<0.01	0.34	<0.01	<0.01	<0.01	43.25
17396	DRILL CORE	8.41	0.05	55.98	0.05	<0.01	<0.01	0.02	0.13	0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	43.47
17397	DRILL CORE	8.39	0.05	55.95	0.05	<0.01	<0.01	0.01	0.14	0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.51
17398	DRILL CORE	8.86	0.22	55.98	0.05	<0.01	<0.01	0.02	0.57	0.03	<0.01	<0.01	0.21	<0.01	<0.01	0.03	42.85
17399	DRILL CORE	8.34	0.06	55.92	0.05	<0.01	<0.01	0.02	0.13	0.02	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	43.52
17400	DRILL CORE	8.29	0.05	55.86	0.05	<0.01	<0.01	0.02	0.10	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.64
17389	DRILL CORE	8.13	0.06	55.89	0.05	<0.01	<0.01	0.03	0.09	0.02	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.54
17390	DRILL CORE	7.95	0.04	55.99	0.05	<0.01	<0.01	0.02	0.09	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.56
17391	DRILL CORE	8.74	<0.01	55.93	0.06	<0.01	<0.01	0.02	0.05	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.62
17392	DRILL CORE	8.85	<0.01	55.89	0.05	<0.01	<0.01	0.03	0.07	<0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.65
17393	DRILL CORE	7.8	0.04	55.86	0.05	<0.01	<0.01	0.02	0.06	<0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.64
17394	DRILL CORE	8.59	0.09	55.99	0.05	<0.01	<0.01	0.03	0.20	0.02	<0.01	<0.01	0.33	<0.01	<0.01	<0.01	43.26
17383	DRILL CORE	8.74	0.05	55.93	0.06	<0.01	<0.01	0.03	0.16	0.02	<0.01	<0.01	0.27	0.01	0.02	<0.01	43.41
17384	DRILL CORE	9.01	0.04	55.92	0.07	<0.01	<0.01	0.02	0.08	0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.52
17385	DRILL CORE	8.6	0.06	55.92	0.06	<0.01	<0.01	0.05	0.13	0.01	<0.01	<0.01	0.39	<0.01	<0.01	0.01	43.32
17386	DRILL CORE	7.87	0.17	55.90	0.10	<0.01	<0.01	0.13	0.48	0.04	<0.01	<0.01	0.47	<0.01	<0.01	0.04	42.65
17387	DRILL CORE	8.54	0.14	55.81	0.07	<0.01	<0.01	0.09	0.30	0.03	<0.01	<0.01	0.34	<0.01	<0.01	0.03	43.15
17388	DRILL CORE	8.63	0.04	55.88	0.05	<0.01	<0.01	0.04	0.09	0.01	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	43.52

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330280

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 04.12.2023
İş Numarası / Job Number	: AGT2330280
Numune Sayısı / Number of Sample	: 10
Proje Adı / Project	: 3137103 (Batch No: 3137103-0008)
Rapor Tarihi / Reported Date	: 10.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330280

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17367	DRILL CORE	2.74	0.14	55.54	0.06	<0.01	<0.01	0.02	0.62	0.08	<0.01	<0.01	0.35	<0.01	<0.01	0.03	43.12
17368	DRILL CORE	3.72	0.06	55.75	0.06	<0.01	<0.01	0.02	0.27	0.03	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.56
17369	DRILL CORE	3.61	0.08	55.82	0.07	<0.01	<0.01	0.03	0.14	0.02	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.55
17370	DRILL CORE	3.11	0.05	55.84	0.06	<0.01	<0.01	0.02	0.13	0.02	<0.01	<0.01	0.25	<0.01	<0.01	0.02	43.56
17371	DRILL CORE	4.6	0.03	55.60	0.07	<0.01	<0.01	0.04	0.05	<0.01	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.96
17372	DRILL CORE	3.36	0.04	55.83	0.06	<0.01	<0.01	0.02	0.23	0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.56
17373	DRILL CORE	3.92	0.04	55.90	0.07	<0.01	<0.01	0.04	0.34	0.03	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.32
17374	DRILL CORE	4.7	0.03	55.98	0.06	<0.01	<0.01	0.03	0.12	0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.53
17375	DRILL CORE	2.62	0.06	55.85	0.06	<0.01	<0.01	0.03	0.09	0.02	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.65
17376	DRILL CORE	5.12	0.11	55.92	0.07	<0.01	<0.01	0.03	0.21	0.04	<0.01	<0.01	0.32	<0.01	0.03	<0.01	43.25

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330429

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 11.12.2023
İş Numarası / Job Number	: AGT2330429
Numune Sayısı / Number of Sample	: 12
Proje Adı / Project	: 3137103 (Batch No: 3137103-0010)
Rapor Tarihi / Reported Date	: 18.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma anlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330429

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17418	DRILL CORE	7.72	0.05	55.51	0.03	<0.01	<0.01	0.01	0.13	0.03	<0.01	<0.01	0.24	0.01	<0.01	<0.01	43.98
17419	DRILL CORE	7.43	0.08	55.54	0.02	<0.01	<0.01	0.02	0.30	0.06	<0.01	<0.01	0.27	0.01	<0.01	0.01	43.69
17420	DRILL CORE	7.37	0.08	55.50	0.02	<0.01	<0.01	0.02	0.23	0.03	<0.01	<0.01	0.22	0.01	<0.01	0.01	43.87
17421	DRILL CORE	8.23	0.06	55.83	0.02	<0.01	<0.01	0.02	0.16	0.04	<0.01	<0.01	0.27	0.01	<0.01	<0.01	43.58
17422	DRILL CORE	8.13	0.03	55.82	0.02	<0.01	<0.01	0.01	0.08	0.03	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	43.80
17423	DRILL CORE	9.02	0.11	55.54	0.02	<0.01	<0.01	0.02	0.29	0.08	<0.01	<0.01	0.25	0.01	<0.01	<0.01	43.68
17424	DRILL CORE	8.88	0.08	55.96	0.02	<0.01	<0.01	0.02	0.23	0.04	<0.01	<0.01	0.27	0.01	<0.01	<0.01	43.38
17425	DRILL CORE	10.22	0.08	55.98	0.02	<0.01	<0.01	0.02	0.20	0.03	<0.01	<0.01	0.20	0.02	<0.01	<0.01	43.46
17426	DRILL CORE	9.12	0.05	55.98	0.02	<0.01	<0.01	0.01	0.20	0.03	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.48
17427	DRILL CORE	6.76	0.07	55.94	0.02	<0.01	<0.01	0.01	0.25	0.04	<0.01	<0.01	0.25	<0.01	<0.01	0.01	43.38
17428	DRILL CORE	6	1.01	54.51	0.04	<0.01	<0.01	0.10	3.32	0.45	<0.01	<0.01	0.72	0.02	<0.01	0.20	39.64
17429	DRILL CORE	6.25	2.63	48.52	0.04	<0.01	<0.01	0.17	9.08	1.02	0.04	<0.01	1.14	0.04	<0.01	0.55	36.77

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330432

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 11.12.2023
İş Numarası / Job Number	: AGT2330432
Numune Sayısı / Number of Sample	: 12
Proje Adı / Project	: 3137103 (Batch No: 3137103-0011)
Rapor Tarihi / Reported Date	: 18.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330432

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17465	DRILL CORE	2	0.04	55.67	0.02	<0.01	<0.01	0.03	0.05	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.98
17466	DRILL CORE	3.16	0.03	56.02	0.02	<0.01	<0.01	0.03	0.06	0.03	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.73
17467	DRILL CORE	4.85	0.02	55.64	0.02	<0.01	<0.01	0.04	0.07	0.02	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	43.87
17468	DRILL CORE	4.5	0.04	55.67	0.02	<0.01	<0.01	0.04	0.09	0.04	<0.01	<0.01	0.39	<0.01	<0.01	<0.01	43.71
17469	DRILL CORE	4.02	0.02	55.77	0.03	<0.01	<0.01	0.04	0.06	<0.01	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	43.78
17470	DRILL CORE	4.9	<0.01	55.96	0.03	<0.01	<0.01	0.04	0.04	<0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.67
17471	DRILL CORE	3.03	0.02	55.93	0.03	<0.01	<0.01	0.04	0.04	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.71
17472	DRILL CORE	4.9	0.03	55.94	0.02	<0.01	<0.01	0.04	0.07	<0.01	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	43.57
17473	DRILL CORE	3.98	0.02	55.96	0.02	<0.01	<0.01	0.03	0.03	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.71
17474	DRILL CORE	3.5	0.02	55.86	0.02	<0.01	<0.01	0.03	0.03	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.82
17475	DRILL CORE	3.68	<0.01	55.69	0.02	<0.01	<0.01	0.02	0.03	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.98
17476	DRILL CORE	3.78	<0.01	55.96	0.03	<0.01	<0.01	0.03	0.04	<0.01	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	43.74

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330433

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 11.12.2023
İş Numarası / Job Number	: AGT2330433
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103 (Batch No: 3137103-0012)
Rapor Tarihi / Reported Date	: 18.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330433

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17477	DRILL CORE	1.7	0.08	55.67	0.02	<0.01	<0.01	0.03	0.14	0.02	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.82
17478	DRILL CORE	1.3	0.24	55.52	0.02	<0.01	<0.01	0.03	0.34	0.07	<0.01	<0.01	0.32	<0.01	<0.01	0.05	43.40
17479	DRILL CORE	1.64	0.13	55.62	0.02	<0.01	<0.01	0.04	0.22	0.03	<0.01	<0.01	0.27	<0.01	<0.01	0.03	43.64
17480	DRILL CORE	1.94	0.08	55.62	0.02	<0.01	<0.01	0.02	0.15	0.02	<0.01	<0.01	0.31	<0.01	<0.01	0.01	43.77
17481	DRILL CORE	1.98	0.11	55.55	0.02	<0.01	<0.01	0.03	0.22	0.04	<0.01	<0.01	0.31	<0.01	<0.01	0.02	43.71
17482	DRILL CORE	2.32	0.08	55.61	0.02	<0.01	<0.01	0.04	0.17	0.04	<0.01	<0.01	0.24	<0.01	<0.01	0.02	43.78

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330434

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 11.12.2023
İş Numarası / Job Number	: AGT2330434
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103 (Batch No: 3137103-0014)
Rapor Tarihi / Reported Date	: 18.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330434

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17489	DRILL CORE	2.26	0.11	55.96	0.02	<0.01	<0.01	0.04	0.19	0.03	<0.01	<0.01	0.32	<0.01	<0.01	0.02	43.31
17490	DRILL CORE	1.93	0.05	55.99	0.02	<0.01	<0.01	0.04	0.09	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.58
17491	DRILL CORE	1.12	0.03	55.90	0.03	<0.01	<0.01	0.02	0.05	0.02	<0.01	<0.01	0.17	<0.01	<0.01	<0.01	43.78
17492	DRILL CORE	1.52	0.11	55.90	0.02	<0.01	<0.01	0.05	0.16	0.03	<0.01	<0.01	0.32	<0.01	<0.01	0.02	43.39
17493	DRILL CORE	1.19	0.04	55.99	0.03	<0.01	<0.01	0.03	0.10	0.01	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.52
17494	DRILL CORE	1.76	0.06	55.51	0.02	<0.01	<0.01	0.04	0.13	0.02	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.94

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330436

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 11.12.2023
İş Numarası / Job Number	: AGT2330436
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103 (Batch No: 3137103-0013)
Rapor Tarihi / Reported Date	: 18.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330436

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17483	DRILL CORE	1.55	0.04	55.54	0.03	<0.01	<0.01	0.05	0.10	<0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.98
17484	DRILL CORE	1.53	0.04	55.69	0.02	<0.01	<0.01	0.04	0.07	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.89
17485	DRILL CORE	1.48	<0.01	55.67	0.03	<0.01	<0.01	0.04	0.06	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.97
17486	DRILL CORE	1.59	0.03	55.53	0.03	<0.01	<0.01	0.03	0.62	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.52
17487	DRILL CORE	1.57	0.02	55.96	0.02	<0.01	<0.01	0.03	0.04	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.68
17488	DRILL CORE	2.12	0.03	55.59	0.02	<0.01	<0.01	0.04	0.46	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.62

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330691

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VİŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330691
Numune Sayısı / Number of Sample	: 5
Proje Adı / Project	: 3137103 (Batch No: 3137103-0015)
Rapor Tarihi / Reported Date	: 28.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDİTASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330691

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17565	DRILL CORE	1.94	<0.01	55.95	0.03	<0.01	0.01	0.03	0.03	<0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.72
17566	DRILL CORE	2.15	0.02	55.78	0.03	<0.01	<0.01	0.03	0.05	0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.85
17567	DRILL CORE	2.2	<0.01	55.69	0.03	<0.01	<0.01	0.03	0.03	<0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.99
17568	DRILL CORE	1.56	0.01	55.67	0.03	<0.01	<0.01	0.02	0.03	<0.01	<0.01	<0.01	0.19	<0.01	<0.01	<0.01	44.05
17569	DRILL CORE	0.71	0.02	55.36	0.03	<0.01	0.01	0.03	0.04	0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	44.28

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330692

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VİŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330692
Numune Sayısı / Number of Sample	: 10
Proje Adı / Project	: 3137103 (Batch No: 3137103-0016)
Rapor Tarihi / Reported Date	: 28.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330692

Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	
Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10	
Sample	Type																
17570	DRILL CORE	3.61	<0.01	55.57	0.03	<0.01	0.01	0.04	0.03	<0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	44.05
17571	DRILL CORE	4.49	0.01	55.47	0.03	<0.01	0.02	0.05	0.04	0.01	<0.01	<0.01	0.30	<0.01	<0.01	<0.01	44.05
17572	DRILL CORE	2.95	0.01	55.47	0.03	<0.01	0.01	0.05	0.03	0.01	<0.01	<0.01	0.30	<0.01	<0.01	<0.01	44.08
17573	DRILL CORE	3.53	0.01	55.57	0.03	<0.01	<0.01	0.06	0.03	0.01	<0.01	<0.01	0.33	<0.01	<0.01	<0.01	43.95
17574	DRILL CORE	3.97	0.01	55.74	0.03	<0.01	0.02	0.06	0.04	0.02	<0.01	<0.01	0.36	<0.01	<0.01	<0.01	43.72
17575	DRILL CORE	3.71	0.01	55.61	0.03	<0.01	0.02	0.06	0.03	<0.01	<0.01	<0.01	0.34	<0.01	<0.01	<0.01	43.88
17576	DRILL CORE	3.88	0.02	55.00	0.03	<0.01	0.02	0.06	0.03	0.01	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	44.50
17577	DRILL CORE	3.44	0.04	55.91	0.04	<0.01	0.02	0.06	0.05	0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.56
17578	DRILL CORE	4.35	0.04	56.02	0.03	<0.01	0.02	0.06	0.07	0.02	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	43.46
17579	DRILL CORE	5.8	0.01	56.01	0.03	<0.01	0.02	0.05	0.03	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	43.59

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330693

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VİŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330693
Numune Sayısı / Number of Sample	: 14
Proje Adı / Project	: 3137103 (Batch No: 3137103-0017)
Rapor Tarihi / Reported Date	: 28.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma antlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDİTASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330693

Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17580	DRILL CORE	7.39	0.07	55.32	0.02	<0.01	0.02	0.03	0.22	0.05	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	44.01
17581	DRILL CORE	8.15	0.04	55.50	0.02	<0.01	<0.01	0.03	0.12	0.03	<0.01	<0.01	0.22	0.02	<0.01	<0.01	44.00
17582	DRILL CORE	8.19	0.03	55.62	0.02	<0.01	<0.01	0.02	0.14	0.02	<0.01	<0.01	0.23	0.01	<0.01	<0.01	43.91
17583	DRILL CORE	7.2	0.06	55.37	0.02	<0.01	<0.01	0.03	0.16	0.04	<0.01	<0.01	0.25	0.01	<0.01	<0.01	44.05
17584	DRILL CORE	8.03	0.04	55.80	0.02	<0.01	<0.01	0.03	0.10	0.02	<0.01	<0.01	0.23	0.01	<0.01	<0.01	43.74
17585	DRILL CORE	8.8	0.02	55.08	0.02	<0.01	<0.01	0.03	0.05	0.02	<0.01	<0.01	0.21	0.01	<0.01	<0.01	44.56
17592	DRILL CORE	4.12	0.09	55.12	0.02	<0.01	0.01	0.03	0.34	0.10	<0.01	<0.01	0.25	0.01	<0.01	0.02	43.99
17593	DRILL CORE	2.01	3.19	47.26	0.04	<0.01	0.19	0.17	13.30	1.27	0.07	<0.01	0.95	0.04	<0.01	0.61	32.90
17586	DRILL CORE	7.3	0.10	55.73	0.02	<0.01	0.01	0.02	0.57	0.04	<0.01	<0.01	0.21	0.01	<0.01	0.01	43.26
17587	DRILL CORE	5.44	0.03	55.40	0.02	<0.01	<0.01	0.03	0.11	0.03	<0.01	<0.01	0.23	0.02	<0.01	<0.01	44.11
17588	DRILL CORE	6.39	0.01	55.76	0.02	<0.01	<0.01	0.02	0.04	0.02	<0.01	<0.01	0.20	0.01	<0.01	<0.01	43.89
17589	DRILL CORE	7.16	0.04	55.49	0.02	<0.01	<0.01	0.02	0.14	0.04	<0.01	<0.01	0.20	0.04	<0.01	<0.01	44.00
17590	DRILL CORE	7.54	0.05	55.19	0.02	<0.01	<0.01	0.03	0.39	0.06	<0.01	<0.01	0.22	0.01	<0.01	<0.01	44.01
17591	DRILL CORE	9.12	0.02	55.68	0.02	<0.01	<0.01	0.03	0.11	0.03	<0.01	<0.01	0.20	0.01	<0.01	<0.01	43.89

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330694

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330694
Numune Sayısı / Number of Sample	: 12
Proje Adı / Project	: 3137103 (Batch No: 3137103-0018)
Rapor Tarihi / Reported Date	: 30.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma anlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will be stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330694

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17594	DRILL CORE	3.63	0.10	55.82	0.03	<0.01	<0.01	0.19	0.24	0.10	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.08
17595	DRILL CORE	3.84	0.10	55.90	0.02	<0.01	<0.01	0.14	0.16	0.08	<0.01	<0.01	0.32	0.02	<0.01	0.02	43.14
17596	DRILL CORE	3.29	0.12	55.84	0.03	<0.01	<0.01	0.09	0.24	0.05	<0.01	<0.01	0.34	<0.01	<0.01	0.02	43.25
17597	DRILL CORE	4.92	0.08	55.93	0.03	<0.01	<0.01	0.06	0.22	0.03	<0.01	<0.01	0.32	<0.01	<0.01	0.01	43.32
17598	DRILL CORE	3.9	0.03	55.99	0.02	<0.01	<0.01	0.04	0.10	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.60
17599	DRILL CORE	3.54	<0.01	55.66	0.03	<0.01	<0.01	0.02	0.04	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	44.02
17600	DRILL CORE	2.98	0.03	55.53	0.03	<0.01	<0.01	0.03	0.15	0.01	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	44.00
18519	DRILL CORE	3.11	0.02	55.46	0.03	<0.01	<0.01	0.03	0.08	<0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	44.09
18520	DRILL CORE	3.32	<0.01	55.70	0.03	<0.01	<0.01	0.04	0.03	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01	43.99
18521	DRILL CORE	2.06	0.02	55.88	0.02	<0.01	<0.01	0.03	0.04	<0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.75
18522	DRILL CORE	3.31	0.02	55.74	0.02	<0.01	<0.01	0.04	0.04	<0.01	<0.01	<0.01	0.33	<0.01	<0.01	<0.01	43.81
18523	DRILL CORE	3.05	0.02	55.58	0.02	<0.01	<0.01	0.04	0.04	0.01	<0.01	<0.01	0.28	<0.01	<0.01	<0.01	44.00

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330695

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330695
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103 (Batch No: 3137103-0019)
Rapor Tarihi / Reported Date	: 30.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur
Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330695

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
18524	DRILL CORE	1.98	0.16	55.03	0.02	<0.01	<0.01	0.04	0.32	0.06	<0.01	<0.01	0.31	0.02	<0.01	0.02	44.02
18525	DRILL CORE	1.95	0.05	55.56	0.02	<0.01	<0.01	0.03	0.09	0.03	<0.01	<0.01	0.26	0.01	<0.01	<0.01	43.95
18526	DRILL CORE	2.47	0.03	55.48	0.02	<0.01	<0.01	0.05	0.07	0.03	<0.01	<0.01	0.30	<0.01	<0.01	<0.01	44.02
18527	DRILL CORE	1.68	0.14	55.22	0.02	<0.01	<0.01	0.03	0.21	0.04	<0.01	<0.01	0.26	0.01	<0.01	0.02	44.05
18528	DRILL CORE	2.05	0.06	55.49	0.02	<0.01	<0.01	0.06	0.16	0.04	<0.01	<0.01	0.30	<0.01	<0.01	0.01	43.87
18529	DRILL CORE	0.85	0.07	55.41	0.02	<0.01	<0.01	0.02	0.12	0.03	<0.01	<0.01	0.21	<0.01	<0.01	0.02	44.10

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330696

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330696
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103 (Batch No: 3137103-0020)
Rapor Tarihi / Reported Date	: 30.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330696

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
18530	DRILL CORE	1.98	0.15	55.45	0.03	<0.01	<0.01	0.11	0.32	0.09	<0.01	<0.01	0.35	<0.01	<0.01	0.03	43.45
18531	DRILL CORE	1.63	0.12	55.03	0.02	<0.01	<0.01	0.09	0.25	0.05	<0.01	<0.01	0.35	<0.01	<0.01	0.02	44.05
18532	DRILL CORE	1.87	0.12	55.53	0.02	<0.01	<0.01	0.08	0.25	0.05	<0.01	<0.01	0.38	<0.01	<0.01	0.03	43.53
18533	DRILL CORE	1.8	0.16	55.64	0.02	<0.01	<0.01	0.09	0.28	0.06	<0.01	<0.01	0.40	<0.01	<0.01	0.04	43.30
18534	DRILL CORE	1.95	0.13	55.31	0.02	<0.01	<0.01	0.09	0.20	0.05	<0.01	<0.01	0.32	<0.01	<0.01	0.02	43.85
18535	DRILL CORE	1.99	0.13	55.33	0.03	<0.01	<0.01	0.07	0.24	0.05	<0.01	<0.01	0.35	0.01	<0.01	0.03	43.77

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330697

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330697
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103 (Batch No: 3137103-0021)
Rapor Tarihi / Reported Date	: 30.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330697

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
18536	DRILL CORE	1.21	0.07	55.68	0.02	<0.01	<0.01	0.03	0.18	0.04	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	43.66
18537	DRILL CORE	1.3	0.07	55.86	0.02	<0.01	<0.01	0.04	0.10	0.03	<0.01	<0.01	0.28	0.03	<0.01	0.01	43.56
18538	DRILL CORE	1.88	0.07	55.90	0.02	<0.01	<0.01	0.04	0.11	0.03	<0.01	<0.01	0.31	0.05	<0.01	0.01	43.45
18539	DRILL CORE	1.49	0.07	55.62	0.02	<0.01	<0.01	0.05	0.11	0.03	<0.01	<0.01	0.31	0.02	<0.01	0.01	43.75
18540	DRILL CORE	1.83	0.05	55.38	0.02	<0.01	<0.01	0.04	0.12	0.02	<0.01	<0.01	0.33	0.01	<0.01	<0.01	44.02
18541	DRILL CORE	1.99	0.12	55.62	0.02	<0.01	<0.01	0.04	0.19	0.07	<0.01	<0.01	0.35	0.01	<0.01	0.01	43.56

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330698

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330698
Numune Sayısı / Number of Sample	: 6
Proje Adı / Project	: 3137103 (Batch No: 3137103-0022)
Rapor Tarihi / Reported Date	: 30.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330698

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
18542	DRILL CORE	2.11	0.09	55.41	0.02	<0.01	<0.01	0.04	0.17	0.03	<0.01	<0.01	0.31	0.02	<0.01	0.01	43.89
18543	DRILL CORE	2.16	0.25	55.73	0.02	<0.01	<0.01	0.05	0.51	0.10	<0.01	<0.01	1.37	0.02	<0.01	0.04	41.90
18544	DRILL CORE	2.01	0.26	55.47	0.01	<0.01	<0.01	0.05	0.46	0.08	<0.01	<0.01	0.62	0.02	<0.01	0.04	42.98
18545	DRILL CORE	2.04	0.11	56.00	0.02	<0.01	<0.01	0.04	0.21	0.05	<0.01	<0.01	0.53	0.02	<0.01	0.02	42.99
18546	DRILL CORE	1.95	0.11	55.11	0.02	<0.01	<0.01	0.05	0.22	0.04	<0.01	<0.01	0.41	0.02	<0.01	0.01	44.01
18547	DRILL CORE	1.5	0.11	55.34	0.02	<0.01	<0.01	0.03	0.17	0.03	<0.01	<0.01	0.32	0.02	<0.01	0.01	43.95

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330699

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330699
Numune Sayısı / Number of Sample	: 12
Proje Adı / Project	: 3137103 (Batch No: 3137103-0023)
Rapor Tarihi / Reported Date	: 30.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Buhur

Abdullah BUHUR
Laboratory Manager



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CERTIFICATE OF ANALYSIS

AGT2330699

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17255	DRILL CORE	2.9	<0.01	55.52	0.03	<0.01	<0.01	0.04	0.07	<0.01	<0.01	<0.01	0.34	<0.01	<0.01	<0.01	44.00
17256	DRILL CORE	2.91	0.03	55.58	0.03	<0.01	<0.01	0.05	1.71	0.02	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	42.26
17257	DRILL CORE	3.27	0.28	55.76	0.01	<0.01	<0.01	0.05	0.49	0.08	<0.01	<0.01	0.60	0.03	<0.01	0.04	42.65
17258	DRILL CORE	3.08	0.10	55.25	0.02	<0.01	<0.01	0.05	0.22	0.06	<0.01	<0.01	0.63	0.01	<0.01	0.02	43.65
17259	DRILL CORE	1.53	0.10	55.49	0.02	<0.01	<0.01	0.04	0.24	0.05	<0.01	<0.01	0.30	0.02	<0.01	0.02	43.72
17260	DRILL CORE	4.03	0.10	55.95	0.02	<0.01	<0.01	0.04	0.18	0.03	<0.01	<0.01	0.39	0.02	<0.01	0.01	43.25
17261	DRILL CORE	2.84	<0.01	55.62	0.03	<0.01	<0.01	0.05	0.05	<0.01	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	43.99
17262	DRILL CORE	1.83	0.03	55.10	0.03	<0.01	<0.01	0.04	1.69	<0.01	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	42.82
17263	DRILL CORE	3.2	<0.01	55.56	0.02	<0.01	<0.01	0.04	0.04	<0.01	<0.01	<0.01	0.32	<0.01	<0.01	<0.01	44.03
17264	DRILL CORE	3.4	0.02	55.60	0.03	<0.01	<0.01	0.03	0.04	0.02	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	44.02
17265	DRILL CORE	3.66	0.02	55.75	0.03	<0.01	<0.01	0.04	0.05	<0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	43.86
17266	DRILL CORE	3	<0.01	55.64	0.03	<0.01	<0.01	0.03	0.04	<0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	44.01

CERTIFICATE OF ANALYSIS / ANALİZ RAPORU

AGT2330700

MÜŞTERİ BİLGİLERİ / CLIENT JOB INFORMATION

Müşteri Adı / Client	: VIŞNE MAD.ÜRETİM SAN. VE TİC.A.Ş.
Kabul Tarihi / Received Date	: 21.12.2023
İş Numarası / Job Number	: AGT2330700
Numune Sayısı / Number of Sample	: 12
Proje Adı / Project	: 3137103 (Batch No: 3137103-0024)
Rapor Tarihi / Reported Date	: 30.12.2023

LABORATUVAR PROSEDÜRLERİ / LABORATORY PROCEDURES

WGHT	Received Sample Weight
PREP70-500	Dry at 80 degree, crush 1 kg 70% < 2 mm / pulverization 500 g. 85% < 75 micron
XRF WR-01	XRF Press Pellet

ADDITIONAL COMMENTS / Ek Açıklamalar

A. Bulur

Abdullah BUHUR
Laboratory Manager



Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınması konusunda **Avrupa Akreditasyon Birliği(EA) ve Uluslararası Laboratuvar Akreditasyon Birliği(ILAC)** ile karşılıklı tanınma anlaşmasını imzalamıştır. / The Turkish Accreditation Agency(TURKAK) is signatory to the multilateral agreements of the **European co-operation for the Accreditation(EA)** and **The International Laboratory Accreditation Cooperation(ILAC)** for the mutual recognition of test reports. Laboratuvarımız TÜRK AKREDITASYON KURUMU tarafından akredite edilmiştir. Akreditasyon kapsamındaki analizler “*” ile belirtilmiştir. Bu rapor laboratuvar izni olmaksızın kopyalanıp çoğaltılamaz. İmzasız ve mühürlü raporlar geçersizdir. Sonuçlar sadece analizi yapılan numuneye aittir. Analizler kuru bazda ve 25 ± 3 °C’de yapılmıştır. / Our laboratory accredited by TURKISH ACCREDITATION AGENCY.This report shall not be reproduced other than in full except with permission of the laboratory. Testin reports without signature and seal are not valid. Results are only belong to the analyzed sample. Analyses were made at 25 ± 3 °C. Şahit numunesinin arşivde saklama süresi 6 aydır ve analizlere ancak bu süre içinde itiraz edilebilir. Genişletilmiş ölçüm belirsizlikleri ve karar kuralı laboratuvarından talep edildiği durumlarda raporda belirtilir. / Retention period of witness samples in the archive are 6 months and analysis could have contested only during this time. Expanded measurement uncertainty and decision rule will stated in the report upon client request. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. / The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

CERTIFICATE OF ANALYSIS

AGT2330700

	Method	WGHT	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01	XRF WR-01
	Analyte	Wgt	* Al2O3	* CaO	SrO	BaO	* Na2O	SO3	* SiO2	Fe2O3	MnO	Cr2O3	MgO	P2O5	TiO2	* K2O	* LOI1000
	Unit	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	MDL	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-10
Sample	Type																
17267	DRILL CORE	3.5	0.12	55.90	0.02	<0.01	<0.01	0.07	0.25	0.04	<0.01	<0.01	0.31	0.01	<0.01	0.03	43.25
17268	DRILL CORE	2.52	0.11	55.69	0.02	<0.01	<0.01	0.07	0.17	0.03	<0.01	<0.01	0.31	<0.01	<0.01	0.02	43.58
17269	DRILL CORE	3.29	0.15	55.44	0.02	<0.01	<0.01	0.06	0.25	0.06	<0.01	<0.01	0.33	<0.01	<0.01	0.03	43.66
17270	DRILL CORE	2.93	0.03	55.66	0.03	<0.01	<0.01	0.03	0.04	0.02	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	44.00
17271	DRILL CORE	2.96	0.02	55.80	0.02	<0.01	<0.01	0.02	0.04	0.02	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.85
17272	DRILL CORE	3.21	0.02	55.57	0.03	<0.01	<0.01	0.03	0.05	<0.01	<0.01	<0.01	0.27	<0.01	<0.01	<0.01	44.03
17273	DRILL CORE	3.55	<0.01	55.62	0.03	<0.01	<0.01	0.03	0.04	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	44.06
17274	DRILL CORE	4.91	0.02	55.86	0.02	<0.01	<0.01	0.03	0.03	0.02	<0.01	<0.01	0.22	<0.01	<0.01	<0.01	43.80
17275	DRILL CORE	3.47	0.02	55.56	0.02	<0.01	<0.01	0.04	0.05	<0.01	<0.01	<0.01	0.31	<0.01	<0.01	<0.01	44.01
17276	DRILL CORE	1.2	<0.01	55.63	0.02	<0.01	<0.01	0.04	0.04	<0.01	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	44.00
17277	DRILL CORE	2.09	0.03	55.80	0.02	<0.01	<0.01	0.03	0.04	<0.01	<0.01	<0.01	0.23	<0.01	<0.01	<0.01	43.85
17278	DRILL CORE	5.66	0.05	55.54	0.02	<0.01	<0.01	0.05	0.08	0.02	<0.01	<0.01	0.29	<0.01	<0.01	<0.01	43.96



PETROGRAFİ ANALİZ SONUÇLARI

MİTUS ADANA ÇEYHAN ÖRNEKLERİ İNCE KESİT İNCELEMESİ

VIŞNE MADENCİLİK ÜRETİM SANAYİ VE TİC. A. Ş., Ruhsat 200704213 ER:3137103, Adana Çeyhan (Gundoğan) taş ocağı sondajlarından derlenen 5 adet karot örneğinden (17501, 17502, 17503, 17504, 17505) KTU İnce Kesit Laboratuvarında hazırlanan ince kesitler Araştırma Mikroskobu Laboratuvarında fotoğraf makinesi ile donatılmış NIKON ECLIPSE E400 POL marka polarizan mikroskopta incelenerek ve fotoğraflanmıştır.



Şekil 1. Nikon Eclipse E400 POL

Prof. Dr. Cüneyt SEN
K.T.O.
Jeolojik Müh. Bölümü
Oda Sicil No: 3473

Kullanılan objektifler ve oküler, çizgisel büyütme

Objektif	Oküler	Çizgisel Ölçek (µm)
2.5	10	500
5	10	250
10	10	125

ADD-1 18.65-18.80 m

ÖRNEK NO: 17501

Eİ Numunesinin Özellikleri

Renk: Beyazımsı krem rengi (Şekil 2).

Doku: Karbonat çamuru destekli matriks içerisinde yer yer uzunlukları birkaç cm'ye, kalınlıkları mm'ye varan kalsit damacıkları ile köşeli, yarı köşeli karbonat intraklastlar bulunur.

Dane Boyutu: İnce

Kayaç %10' luk seyreltilmiş HCl asitte köpürür.



Şekil 2. 17501 nolu örnek

MİKROSKOBİK ÖZELLİKLER

Doku: Mikritik boyutlardaki (10 μ m'den küçük) kalsit kristallerinden oluşan matriks içerisinde ve boyutları 200 μ m'ye varan pelletler, yer yer boyutları mm'ye varan köşeli, yarı köşeli, yuvarlaklaşmış köşeli intraklastlar ve mikro fosiller bulunur. Matriks içerisinde %2'den daha az ekstraklasta rastlanmıştır (Şekil 3a, b). Tüm kayaç daha sonra kalınlığı mm'ye varan iri kalsit kristallerinin bulunduğu damarlar tarafından kesilmiştir.

Bileşenler:

Intraklastlar, bollukları % 10 varan, Köşeli, yarı köşeli, yuvarlaklaşmış köşeli yer yer mikritik, yer yer mikrosparitik (boyutları 10-100 μ m) karbonat kristallerinden oluşmuştur (Şekil 3a, b).

Mikro fosiller ve fosil kavrıkları, bollukları % 5'den daha az olarak bulunurlar.

42

Ektraklastlar, bollukları % 2'den daha az genellikle köşeli taneler halinde bulunur, muhtemelen silikat mineralleridir.

İri kalsit kristalleri, kayış oluştuktan sonra ki dönemde kayacın kırıkları boyunca oluşmuşlardır.

Matriks, 200 µm'ye varan pelletler içeren mikritik kalsit kristallerinden oluşur, koyu renklidir.

Kayaç Adı: Biyo-klastlı mikritik kireçtaşı (içerisinde %10'dan fazla tane ve fosil bulunan mikritik kalsit kristallerince tutturulmuş kireçtaşı)



Şekil 3 17501 nolu örneğine alt ince kesit fotoğrafları. Yarı-köşeli ve yuvarlaklaşmış karbonat kristallerinden oluşmuş intraklastlar (I) (a), Pellet (P) ile kalsit damarcığı tarafından kesilerek ötelenen mikro fosilin (F) görünüşleri (b)

CV

ADD-1 40.60 – 40.70 m

ÖRNEK 17502

El Numunesinin Özellikleri

Renk: Beyazımsı-pembemsi (Şekil 4).

Doku: Mikritik (karbonat çamuru) matriksten oluşan kayaç yer yer kalınlığı cm'ye varan iri kalsit kristalleri içeren damarlar tarafından ağsal şekilde birkaç fazda kesilmiştir (Şekil 4).

Dane Boyutu: İnce

Kırıntılı kayacın tüm bileşenleri %10'luk seyreltilmiş HCl asitte köpürür.



Şekil 4. 17502 nolu örnek

MİKROSKOBİK ÖZELLİKLER

Doku: Mikritik boyutta karbonat çamuru kayacı oluşturur. Kayaç kalınlığı yer yer cm'ye varan ve iri kalsit kristallerinin doldurduğu çatlaklar ağsal olarak birkaç farklı fazda kesmiştir. (Şekil 5a ve b).

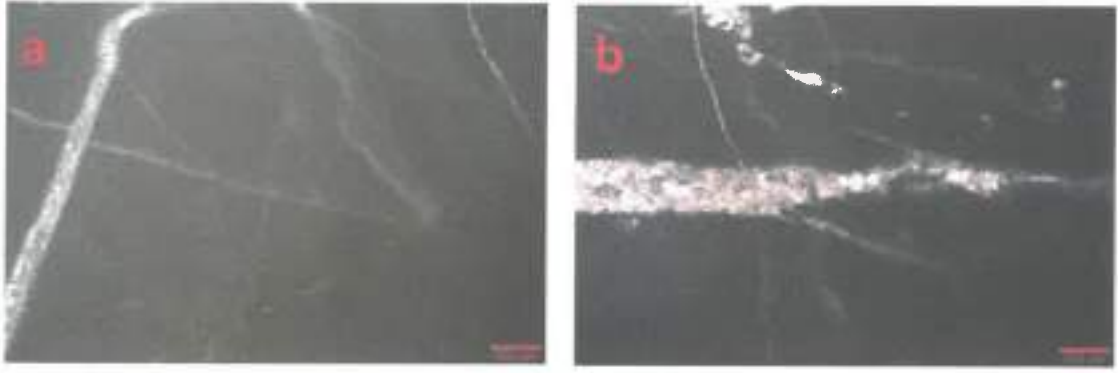
Bileşenler

İri kalsit kristalleri, kayaç oluştuktan sonra ki dönemde kayacın kırıkları boyunca birkaç farklı fazda oluşmuşlardır (Şekil 5a ve b). Yer yer bazı kırıklarda demir boyamaları da görülür (Şekil 5a).

Mikröz boyuttaki çamur matris (Şekil 5a ve b).

Kayaç Adı: Mikritik kireçtaşı (İçerisinde %10'dan az tane bulunan mikritik kalsit kristallerinden oluşmuş kireçtaşı)

CV



Şekil 5. 17502 nolu örneğine ait ince kesit fotoğrafları. Mikritik kalsit kristallerinin oluşturduğu karbonat çamuru matrisli kesen iri kalsit kristallerinin doldurduğu kırıkların görünüşleri (a ve b)

ADD-1 53.30-53.35 m

ÖRNEK 17503

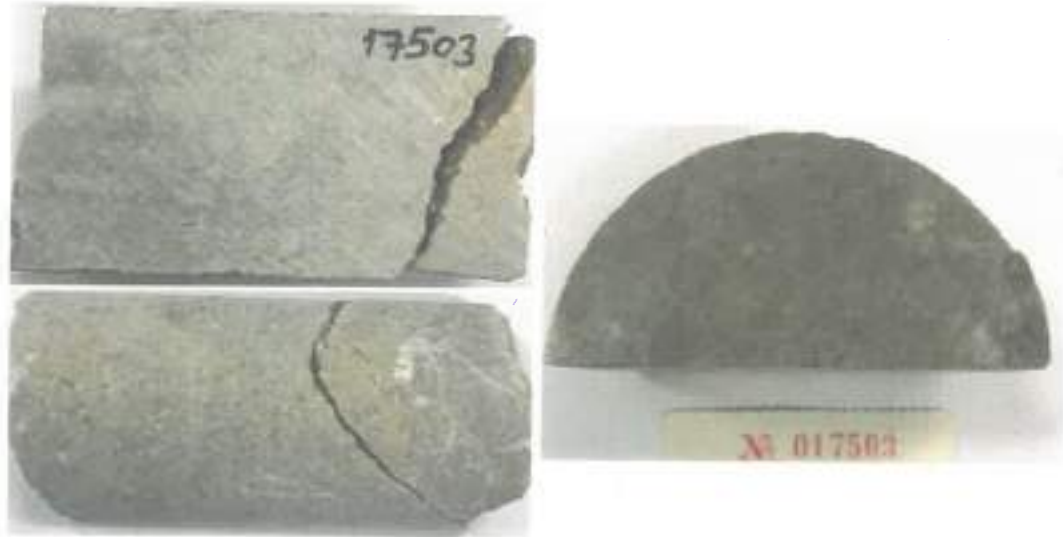
El Numunesinin Özellikleri

Renk: Beyazımsı-kırmızımsı (Şekil 6).

Doku: Mikritik boyuttaki matris içerisinde, boyutları mm'den cm'ye kadar değişen köşeli, yarı-köşeli kırmızımsı, nadiren beyazımsı kayaç parçaları bulunur. Kayaç yer yer kılcal kalsit damarıkları tarafından kesilmiştir.

Dane Boyutu: İnce-orta

Kayaçın tüm bileşenleri %10'luk seyreltilmiş HCl asitte köpürür.



Şekil 6. 17503 nolu örnek

MİKROSKOBİK ÖZELLİKLER

Doku: Breşik dokulu kayaçta, boyutları mm'den cm kadar değişen köşeli, yarı köşeli kırmızımsı, nadiren beyazımsı iri kalsit kristalleri içeren ekstraktastlar (kayaç parçaları), içerisinde boyutları birkaç yüz μm 'ye ulaşan intraktastlar ve ekstraktastlar içeren koyu renkli mikritik matris ile tutturulmuştur (Şekil 7a ve b).

Bileşenler:

Ekstraktastlar, kayacı oluşturan köşeli, yarı köşeli kırmızımsı, nadiren beyazımsı iri kalsit kristalleri içeren ekstraktastların boyutları yer yer cm'ye ulaşır (Şekil 6). Kayacı oluşturan mikritik matris içerisinde de boyutları birkaç yüz μm 'ye ulaşan diğer bir grup ekstraktast bulunur.

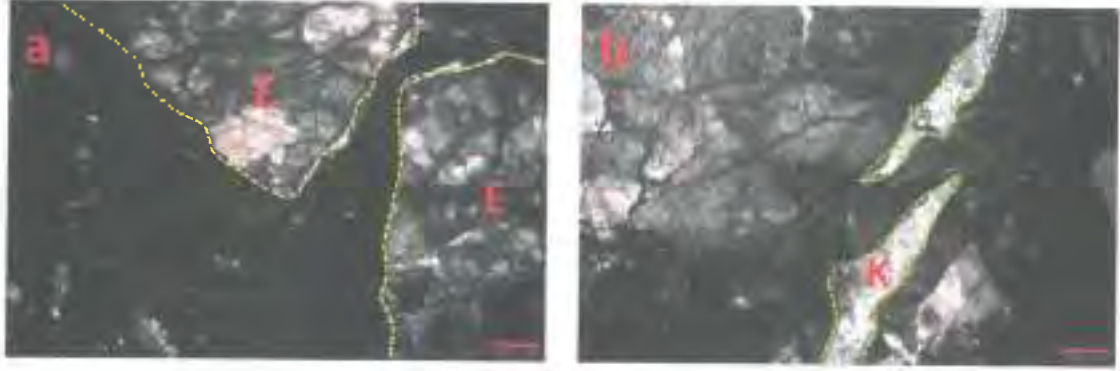
Intraktastlar, mikritik matris içerisinde boyutları birkaç yüz μm 'ye varan bileşenlerdir (Şekil 7a ve b).

6

İri kalsit kristalleri, kayaç oluşuktan sonra ki dönemde yer yer kırılal ağlar şeklinde oluşmuşlardır.

Koyu renkli mikritik matriks (Şekil 7a ve b).

Kayaç Adı: Monojenik mikrobreş (yakın mesafeden taşınmış iri kalsit kristalleri içeren kayaç parçalarının mikritik bir matriks ile tutturulmasıyla oluşan kayaç)



Şekil 7. 17503 nolu örneğine ait ince kesit fotoğrafları. Mikrobreş içerisindeki boyutları mm'den başlayan köşeli, yarı köşeli iri kalsit kristalleri kireçtaşı parçaları (E, ekstraklast) ile koyu renkli mikritik çimentonun görünüşleri (a ve b). Kayaç yer yer kalsit damarcıkları (K) tarafından kesilmiştir (b)

61

ADD-1 74.45 - 74.60

ÖRNEK 17504

El Numunesinin Özellikleri

Renk: Beyazımsı-krem renkli örnek, yer yer koyu, yer yer açık renkli damarlar tarafından kesilmiştir (Şekil 8).

Doku: Kataklastik doku gösteren kayada beyazımsı-krem renkli mikritik matriks, yer yer saydam, yer yer açık renkli damarlar tarafından boyutları mm'den küçükten cm'ye varacak şekilde köyeli taneler oluşturacak şekilde parçalanmıştır (Şekil 8).

Dane Boyutu: İnce

Kayacı oluşturan bileşenlerin tamamı %10'luk seyreltilmiş HCl asitte köpürür.



Şekil 8. 17504 nolu örnek

MİKROSKOPİK ÖZELLİKLER

Doku: Kataklastik dokulu kayada mikritik kireçtaşı yoğun bir şekilde birkaç farklı fazla gelen iri kalsit kristallerince kesilmiştir (Şekil 9a ve b).

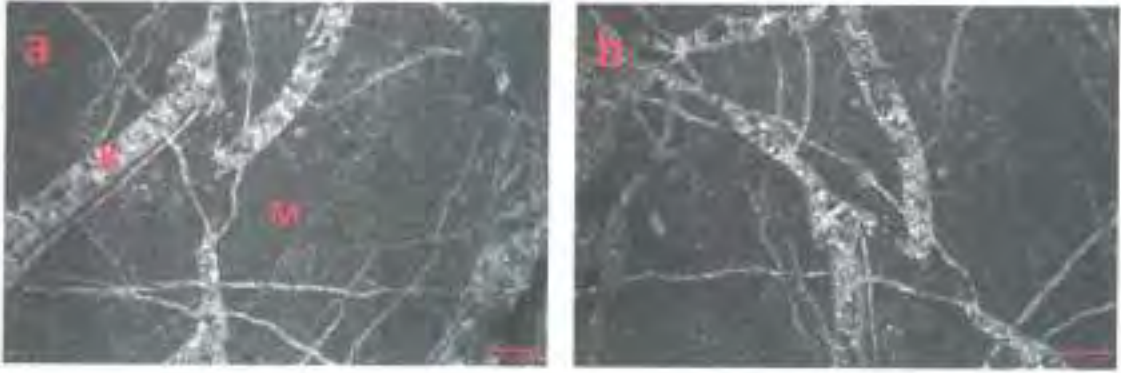
Bileşenler

İri kalsit kristalleri, kayacın oluştuktan sonra ki dönemde kayacın kırıkları boyunca birkaç farklı fazla oluşan kalınlıkları yer yer cm'ye ulaşan ağsal damarlar içerisinde (Şekil 9a ve b).

Mikritik matriks, kayacın ana gövdesini oluşturur (Şekil 9a ve b).

Kayaç Adı: Kataklastmaya uğramış mikritik kireçtaşı

W



Şekil 9. 17504 nolu örneğine alt ince kesit fotoğrafları. Mikritik matriksten (M) oluşan kayaç kalınlıkları yer yer cm'ye varan kalsit kristallerinin (K) doldurduğu damarlar tarafından yoğun bir şekilde kesilerek parçalanmıştır (a ve b)

CV

ADD-1 99.10 – 99.20 m

ÖRNEK 17505

El Numunesinin Özellikleri

Renk: Beyazımsı sarımsı (Şekil 10)

Doku: Mikritik matriksten oluşan kayaç yer yer kalınlığı cm'ye varan iri kalsit kristalleri içeren damarlar tarafından ağsal şekilde birkaç fazda kesilmiştir (Şekil 10).

Dane Boyutu: İnce-orta-iri

Kırıntılı kayaçın tüm bileşenleri %10'luk seyreltilmiş HCl asitte köpürür.



Şekil 10. 17505 nolu örnek

Doku: Koyu renkli mikritik matriks içerisinde boyutları birkaç yüz μm 'ye ulaşan intraklastlar, mikro fosil parçaları ve ekstraklastlar bulunur (Şekil 11a ve b).

Bileşenler:

Intraklastlar, mikritik matriks içerisinde boyutları birkaç yüz μm 'ye varan karbonatlı bileşenlerdir (Şekil 11a ve b). Muhtemelen bazıları biyojenik kökenlidir. Bollukları %10'da azdır.

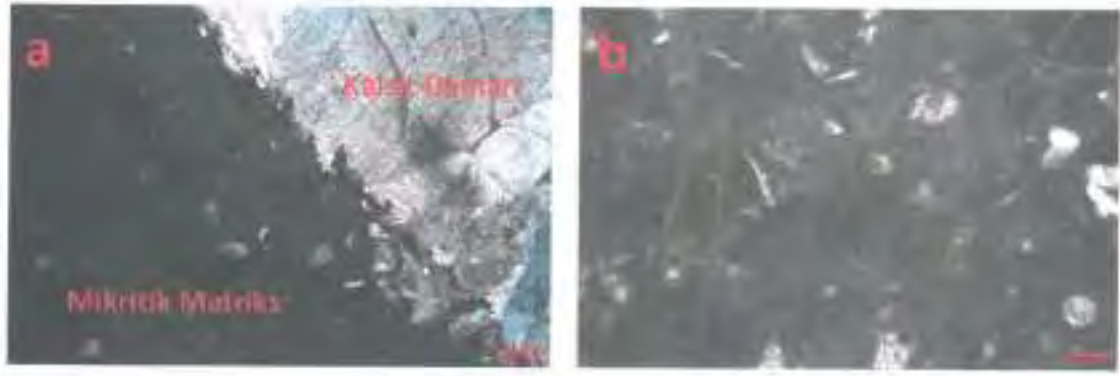
Ekstraklastlar, intraklastlara göre bollukları çok daha az. boyutları birkaç yüz μm 'ye ulaşan bileşenlerdir.

İri kalsit kristalleri, kayaç oluştuktan sonra ki dönemde yer yer birkaç mm kalınlığa varan kalınlıklardaki damarları doldurmuştur (Şekil 10, Şekil 11 a)

Koyu renkli mikritik matriks (Şekil 11a ve b).

Kayaç Adı: Biyo-klastlı mikritik kireçtaşı (İçerisinde %10'dan fazla intraklast/ekstraklast ve fosil bulunan mikritik kalsit kristallerince tutturulmuş kireçtaşı)

CV



Şekil 11. 17505 nolu örneğine ait ince kesit fotoğrafları. Mikritik matrisi kesen ve mikritik matrisle reaksiyon sınırları oluşturan kalsit damarı (a), mikritik matris içindeki boyutları birkaç yüz μm 'ye ulaşan intraklast, ekstraklast ve biyojenik bileşenlerin görünüşleri (b)

CS

MİTUS ADANA CEYHAN ÖRNEKLERİ İNCE KESİT İNCELEMESİ

VIŞNEF MADENCİLİK ÜRETİM SANAYİ VE TİC. A. Ş., Ruhsat 200704213 ER:3137103, Adana Ceyhan (Gündoğar) taş ocağı sondajlarından derlenen 20 adet karot örneğinden (17506, 17507, 17508, 17509, 17510, 17511, 17512, 17513, 17514, 17515, 17516, 17517, 17518, 17519, 17523, 17524, 17525, 17526, 17527 ve 17530) KTÜ İnce Kesit Laboratuvarında hazırlanan ince kesitler Araştırma Mikroskobu Laboratuvarında fotoğraf makinesi ile donatılmış NIKON ECLIPSE E400 POL marka polarizan mikroskopta incelenerek ve fotoğraflanmıştır.



Şekil 1. Nikon Eclipse E400 POL

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Jeoloji Müh. Bölümü
Öğr. Bilgi No: 3473

Kullanılan objektifler ve oküler, çizgisel büyütme

Objektif	Oküler	Çizgisel Ölçek (µm)
2.5	10	500
5	10	250

10	10	125
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ADD-2 20.70 – 20.90 m

ÖRNEK NO: 17506

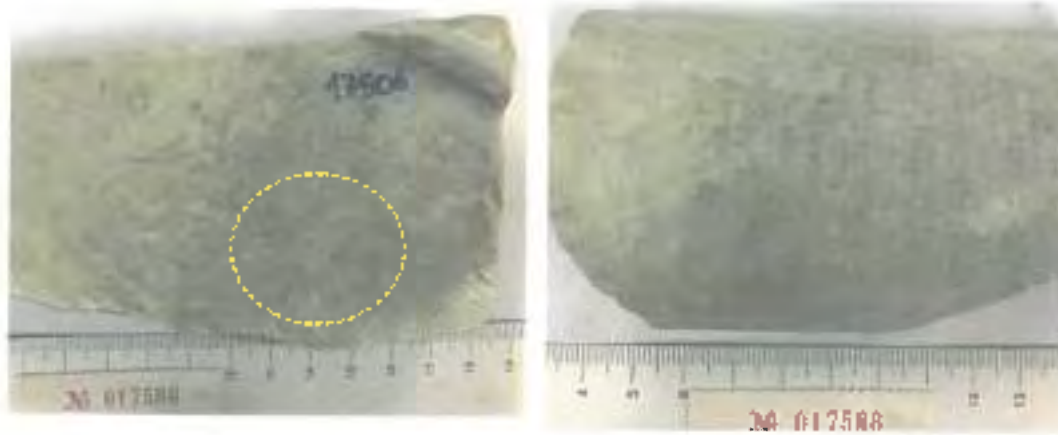
El Numunesinin Özellikleri

Renk: Açık renkli örnek beyazımsı-krem renklidir (Şekil 2).

Doku: Mikritik çamurdan oluşmuş kayaç boyutları mm'den cm'ye varan köşeli yarı köşeli mikritik hamurla hemen hemen aynı renkte intraklastlar içerir (Şekil 2).

Dane Boyutu: İnce

Kayaçın tüm bileşenleri %10'luk seyreltilmiş HCl asitte köpürür.



Şekil 2. 17506 nolu örnekte görülen intraklastlar

MİKROSKOPİK ÖZELLİKLER

Doku: Mikritik (10 µm'den küçük kalsit kristalleri) çamur matrisi içerisinde boyutları birkaç yüz µm'den cm'ye kadar intraklastlar, ekstraklastlar ve biyoklastlar bulunur. (Şekil 3a ve b).

Bileşenler:

Intraklastlar (i), mikritik matrisi içerisinde bollukları yüzde 10'dan fazla boyutları birkaç on µm'den birkaç cm'ye varan köşeli, yarı-köşeli tanecikler şeklindedir. Mikritik matrisin parçalanması ve bu parçaların tekrar hamur içerisinde tutturulması ile oluşmuşlardır (Şekil 3b).

Biyoklastlar (bio), bollukları yüzde 10'dan az boyutları yer yer mm'ye varan açık renkli kavkı parçalarıdır (Şekil 3a).

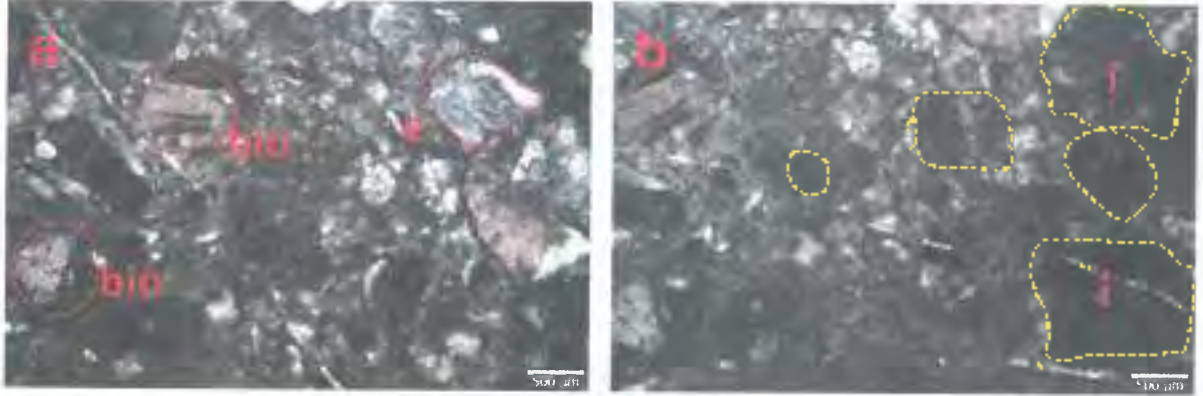
Ekstraklastlar (e), bollukları yüzde 5'den az boyutları yer yer mm'ye varan açık renkli kayaç veya mineral parçalarıdır. Büyük bir olasılıkla ekstraklastlar mikritik matris oluşumu sırasında havzaya gelen kırıntılardır (Şekil 3a).

Mikritik matris, koy renklidir yer yer boyutları birkaç µm'ye varan peletlerden (koyu kahverengimsi renkli küçük kalsit topçukları) oluşur.

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Kayaç Adı: Kırıntılı biyo-mikritlik kireçtaşı

Örneğin Allzarin kırmızısı ile boyanması sonucunda %95'den fazlasının boyandığı tespit edilmiştir.



Şekil 3. 17506 nolu örneğine alt ince kesit fotoğrafları. Mikritlik matris içerisindeki ekstraklastların (e), biyoklastların (bio) (a), intraklastların (b) görünüşleri

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