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# LAMPIRAN

### Lampiran 1. Hasil Sidik Ragam Produksi 2022 – 2023 & Januari 2022

Group Statistics										
BLOK		N	Mean	Std. Deviation	Std. Error Mean					
TON_HA	EKS TAMBANG	2	2,3165	,25668	,18150					
	MINERAL	2	3,5875	,04172	,02950					

  

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TON_HA	Equal variances assumed			-6,912	2	,020	-1,27100	,18388	-2,06218	-,47982
	Equal variances not assumed			-6,912	1,053	,083	-1,27100	,18388	-3,34795	,80595

Gambar 5. Hasil Sidik Ragam Produksi 2022

Group Statistics										
BLOK		N	Mean	Std. Deviation	Std. Error Mean					
TON_HA	EKS TAMBANG	2	1,3050	,40305	,28500					
	MINERAL	2	,6550	,07778	,05500					

  

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TON_HA	Equal variances assumed	2,788E+16	,000	2,239	2	,154	,65000	,29026	-,59888	1,89888
	Equal variances not assumed			2,239	1,074	,253	,65000	,29026	-2,48620	3,78620

Gambar 6. Hasil Sidik Ragam Produksi 2023

Group Statistics										
BLOK		N	Mean	Std. Deviation	Std. Error Mean					
TBS_HA_JANUARI_2022	EKS TAMBANG	2	,0000	,00000	,00000					
	MINERAL	2	51,8550	4,40528	3,11500					

  

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_JANUARI_2022	Equal variances assumed	1,556E+16	,000	-16,647	2	,004	-51,85500	3,11500	-65,25776	-38,45224
	Equal variances not assumed			-16,647	1,000	,038	-51,85500	3,11500	-91,43483	-12,27517

Gambar 7. Hasil Sidik Ragam Produksi Januari 2022

## Lampiran 2. Hasil Sidik Ragam Produksi Februari, Maret, & April 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_FEBRUARI_2022	EKS TAMBANG	2	16,5150	5,19723	3,67500
	MINERAL	2	72,6400	3,80423	2,69000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_FEBRUARI_2022	Equal variances assumed	1,800E+15	,000	-12,323	2	,007	-56,12500	4,55431	-75,72061	-36,52939
	Equal variances not assumed			-12,323	1,933	,009	-56,12500	4,55431	-77,54036	-34,70964

Gambar 8. Hasil Sidik Ragam Produksi Februari 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_MARET_2022	EKS TAMBANG	2	53,7400	40,72935	28,80000
	MINERAL	2	47,3300	19,91213	14,08000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_MARET_2022	Equal variances assumed	1,572E+16	,000	,200	2	,860	6,41000	32,05755	-131,52250	144,34250
	Equal variances not assumed			,200	1,452	,866	6,41000	32,05755	-195,61834	208,43834

Gambar 9. Hasil Sidik Ragam Produksi Maret 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_APRIL_2022	EKS TAMBANG	2	42,7000	17,79081	12,58000
	MINERAL	2	62,7200	14,67954	10,38000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_APRIL_2022	Equal variances assumed	4,132E+14	,000	-1,228	2	,345	-20,02000	16,30953	-90,19425	50,15425
	Equal variances not assumed			-1,228	1,930	,348	-20,02000	16,30953	-92,67584	52,63584

Gambar 10. Hasil Sidik Ragam Produksi April 2022

### Lampiran 3. Hasil Sidik Ragam Produksi Mei, Juni, & Juli 2022

Group Statistics									
		BLOK	N	Mean	Std. Deviation	Std. Error Mean			
TBS_HA_MEI_2022	EKS TAMBANG		2	60,1400	22,27386				
	MINERAL		2	105,4600	34,53510				

  

Independent Samples Test										
		Levene's Test for Equality of Variances				t-test for Equality of Means				
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_MEI_2022	Equal variances assumed			-1,560	2	,259	-45,32000	29,06854	-170,34882	79,70882
	Equal variances not assumed			-1,560	1,709	,279	-45,32000	29,06854	-193,11586	102,47586

Gambar 11. Hasil Sidik Ragam Produksi Mei 2022

Group Statistics									
		BLOK	N	Mean	Std. Deviation	Std. Error Mean			
TBS_HA_JUNI_2022	EKS TAMBANG		2	72,9100	36,59985				
	MINERAL		2	138,3900	54,53207				

  

Independent Samples Test										
		Levene's Test for Equality of Variances				t-test for Equality of Means				
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_JUNI_2022	Equal variances assumed	3,831E+15	,000	-1,410	2	,294	-65,48000	46,43972	-265,29401	134,33401
	Equal variances not assumed			-1,410	1,749	,310	-65,48000	46,43972	-295,46152	164,50152

Gambar 12. Hasil Sidik Ragam Produksi Juni 2022

Group Statistics									
		BLOK	N	Mean	Std. Deviation	Std. Error Mean			
TBS_HA_JULI_2022	EKS TAMBANG		2	52,0950	19,62221				
	MINERAL		2	117,8400	13,13804				

  

Independent Samples Test										
		Levene's Test for Equality of Variances				t-test for Equality of Means				
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_JULI_2022	Equal variances assumed	3,006E+15	,000	-3,937	2	,059	-65,74500	16,69790	-137,59025	6,10025
	Equal variances not assumed			-3,937	1,747	,073	-65,74500	16,69790	-148,56876	17,07676

Gambar 13. Hasil Sidik Ragam Produksi Juli 2022

#### Lampiran 4. Hasil Sidik Ragam Agustus, September, & Oktober 2022

Group Statistics									
		BLOK	N	Mean	Std. Deviation	Std. Error Mean			
TBS_HA_AGUSTUS_2022	EKS TAMBANG		2	50,9800	12,74206	9,01000			
	MINERAL		2	89,7750	15,30886	10,82500			

  

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_AGUSTUS_2022	Equal variances assumed			-2,765	2	,110	-38,79600	14,08406	-99,39382	21,80382
	Equal variances not assumed			-2,765	1,936	,114	-38,79600	14,08406	-101,34738	23,75738

Gambar 14. Hasil Sidik Ragam Produksi Agustus 2022

Group Statistics									
		BLOK	N	Mean	Std. Deviation	Std. Error Mean			
TBS_HA_SEPTEMBER_2022	EKS TAMBANG		2	38,0950	17,34533	12,26500			
	MINERAL		2	79,8850	32,81683	23,20500			

  

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_SEPTEMBER_2022	Equal variances assumed			-1,592	2	,252	-41,79000	26,24695	-154,72150	71,14150
	Equal variances not assumed			-1,592	1,518	,289	-41,79000	26,24695	-197,07340	113,49340

Gambar 15. Hasil Sidik Ragam Produksi September 2022

Group Statistics									
		BLOK	N	Mean	Std. Deviation	Std. Error Mean			
TBS_HA_OKTOBER_2022	EKS TAMBANG		2	106,8900	72,63401	51,36000			
	MINERAL		2	122,5650	28,17821	19,92500			

  

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_OKTOBER_2022	Equal variances assumed	1,272E+16	,000	-,285	2	,803	-15,67500	55,08952	-252,70607	221,35607
	Equal variances not assumed			-,285	1,294	,815	-15,67500	55,08952	-431,94058	400,59058

Gambar 16. Hasil Sidik Ragam Produksi Oktober 2022



**Lampiran 5. Hasil Sidik Ragam Produksi November, Desember, & BJR 2022**

Group Statistics						
		BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_NOVEMBER_2022	EKS TAMBANG		2	117,7000	30,22174	21,37000
	MINERAL		2	149,6650	66,39026	46,94500

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_NOVEMBER_2022	Equal variances assumed	5,338E+15	,000	-,620	2	,599	-31,96500	51,58013	-253,89639	189,96839
	Equal variances not assumed			-,620	1,397	,621	-31,96500	51,58013	-376,32454	312,39454

Gambar 17. Hasil Sidik Ragam Produksi November 2022

Group Statistics						
		BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_DESEMBER_2022	EKS TAMBANG		2	133,9750	30,72379	21,72500
	MINERAL		2	179,9500	28,22770	19,96000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_DESEMBER_2022	Equal variances assumed			-1,558	2	,259	-45,97500	29,50216	-172,91253	80,96253
	Equal variances not assumed			-1,558	1,986	,260	-45,97500	29,50216	-173,78571	81,83571

Gambar 18. Hasil Sidik Ragam Produksi Desember 2022

Group Statistics						
		BLOK	N	Mean	Std. Deviation	Std. Error Mean
BJR_2022	EKS TAMBANG		2	3,3100	,14142	,10000
	MINERAL		2	3,2800	,00000	,00000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
BJR_2022	Equal variances assumed			,300	2	,792	,03000	,10000	-,40027	,46027
	Equal variances not assumed			,300	1,000	,814	,03000	,10000	-1,24062	1,30062

Gambar 19. Hasil Sidik Ragam BJR 2022

### Lampiran 6. Hasil Sidik Ragam BJR 2023 dan Jumlah TBS 2022 & 2023

Group Statistics					
BLOK		N	Mean	Std. Deviation	Std. Error Mean
BJR_2023	EKS TAMBANG	2	3,3950	,47376	,33500
	MINERAL	2	3,0600	,00000	,00000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
BJR_2023	Equal variances assumed	8,281E+16	,000	1,000	2	,423	,33500	,33500	-1,10639	1,77639
	Equal variances not assumed			1,000	1,000	,500	,33500	,33500	-3,92158	4,59158

Gambar 20. Hasil Sidik Ragam BJR 2023

Group Statistics					
BLOK		N	Mean	Std. Deviation	Std. Error Mean
TANDAN_HA_2022	EKS TAMBANG	2	745,7400	26,96905	19,07000
	MINERAL	2	1218,0750	15,37957	10,87500

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TANDAN_HA_2022	Equal variances assumed	3,122E+15	,000	-21,516	2	,002	-472,33500	21,95292	-566,79077	-377,87923
	Equal variances not assumed			-21,516	1,588	,006	-472,33500	21,95292	-594,61892	-350,05108

Gambar 21. Hasil Sidik Ragam Jumlah TBS 2022

Group Statistics					
BLOK		N	Mean	Std. Deviation	Std. Error Mean
TANDAN_HA_2023	EKS TAMBANG	2	388,8050	65,58415	46,37500
	MINERAL	2	211,2900	28,34084	20,04000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TANDAN_HA_2023	Equal variances assumed			3,514	2	,072	177,51500	50,51972	-39,85382	394,88382
	Equal variances not assumed			3,514	1,361	,122	177,51500	50,51972	-174,01387	529,04387

Gambar 22. Hasil Sidik Ragam Jumlah TBS 2023

### Lampiran 7. Hasil Sidik Ragam Jumlah TBS Januari - Maret 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_JANUARI_2022	EKS TAMBANG	2	,0000	,00000	,00000
	MINERAL	2	51,8550	4,40528	3,11500

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_JANUARI_2022	Equal variances assumed	1,556E+16	,000	-16,647	2	,004	-51,85500	3,11500	-66,25776	-38,45224
	Equal variances not assumed			-16,647	1,000	,038	-51,85500	3,11500	-91,43483	-12,27517

Gambar 23. Hasil Sidik Ragam Jumlah TBS Januari 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_FEBRUARI_2022	EKS TAMBANG	2	16,5150	5,19723	3,67500
	MINERAL	2	72,6400	3,80423	2,69000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_FEBRUARI_2022	Equal variances assumed	1,800E+15	,000	-12,323	2	,007	-56,12500	4,55431	-75,72061	-36,52939
	Equal variances not assumed			-12,323	1,833	,009	-56,12500	4,55431	-77,54036	-34,70964

Gambar 24. Hasil Sidik Ragam Jumlah TBS Februari 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_MARET_2022	EKS TAMBANG	2	53,7400	40,72935	28,80000
	MINERAL	2	47,3300	19,91213	14,08000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_MARET_2022	Equal variances assumed	1,572E+16	,000	,200	2	,860	6,41000	32,05755	-131,52250	144,34250
	Equal variances not assumed			,200	1,452	,866	6,41000	32,05755	-195,61834	208,43834

Gambar 25. Hasil Sidik Ragam Jumlah TBS Maret 2022

### Lampiran 8. Hasil Sidik Ragam Jumlah TBS April, Mei, & Juni 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_APRIL_2022	EKS TAMBANG	2	42,7000	17,79081	12,58000
	MINERAL	2	62,7200	14,67954	10,38000

Independent Samples Test										
		Levene's Test for Equality of Variances				t-test for Equality of Means				
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_APRIL_2022	Equal variances assumed	4,132E+14	,000	-1,228	2	,345	-20,02000	16,30953	-90,19425	50,15425
	Equal variances not assumed			-1,228	1,930	,348	-20,02000	16,30953	-92,67584	52,63584

Gambar 26. Hasil Sidik Ragam Jumlah TBS April 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_MEI_2022	EKS TAMBANG	2	60,1400	22,27386	15,75000
	MINERAL	2	105,4600	34,53510	24,42000

Independent Samples Test										
		Levene's Test for Equality of Variances				t-test for Equality of Means				
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_MEI_2022	Equal variances assumed			-1,560	2	,259	-45,32000	29,05854	-170,34882	79,70882
	Equal variances not assumed			-1,560	1,709	,279	-45,32000	29,05854	-193,11586	102,47586

Gambar 27. Hasil Sidik Ragam Jumlah TBS Mei 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_JUNI_2022	EKS TAMBANG	2	72,9100	36,59985	25,88000
	MINERAL	2	138,3900	54,53207	38,56000

Independent Samples Test										
		Levene's Test for Equality of Variances				t-test for Equality of Means				
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_JUNI_2022	Equal variances assumed	3,831E+15	,000	-1,410	2	,294	-65,48000	46,43972	-285,29401	134,33401
	Equal variances not assumed			-1,410	1,749	,310	-65,48000	46,43972	-295,46152	164,50152

Gambar 28. Hasil Sidik Ragam Jumlah TBS Juni 2022

### Lampiran 9. Hasil Sidik Ragam Jumlah TBS Juli, Agustus, September 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_JULI_2022	EKS TAMBANG	2	52,0950	19,62221	13,87500
	MINERAL	2	117,8400	13,13804	9,29000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_JULI_2022	Equal variances assumed	3,006E+15	,000	-3,937	2	,059	-65,74500	16,69790	-137,59025	6,10025
	Equal variances not assumed			-3,937	1,747	,073	-65,74500	16,69790	-148,56676	17,07676

Gambar 29. Hasil Sidik Ragam Jumlah TBS Juli 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_AGUSTUS_2022	EKS TAMBANG	2	50,9800	12,74206	9,01000
	MINERAL	2	89,7750	15,30886	10,82500

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_AGUSTUS_2022	Equal variances assumed			-2,755	2	,110	-38,79500	14,08406	-99,39382	21,80382
	Equal variances not assumed			-2,755	1,936	,114	-38,79500	14,08406	-101,34738	23,75738

Gambar 30. Hasil Sidik Ragam Jumlah TBS Agustus 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_SEPTEMBER_2022	EKS TAMBANG	2	38,0950	17,34533	12,26500
	MINERAL	2	79,8850	32,81683	23,20500

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means				95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TBS_HA_SEPTEMBER_2022	Equal variances assumed			-1,592	2	,252	-41,79000	26,24695	-154,72150	71,14150
	Equal variances not assumed			-1,592	1,518	,289	-41,79000	26,24695	-197,07340	113,49340

Gambar 31. Hasil Sidik Ragam Jumlah TBS September 2022

### Lampiran 10. Hasil Sidik Ragam Jumlah TBS Oktober–Desember 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_OKTOBER_2022	EKS TAMBANG	2	106,8900	72,63401	51,36000
	MINERAL	2	122,5650	28,17821	19,92500

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_OKTOBER_2022	Equal variances assumed	1,272E+16	,000	-,285	2	,803	-15,67500	55,08952	-252,70607	221,35607
	Equal variances not assumed			-,285	1,294	,815	-15,67500	55,08952	-431,94058	400,59058

Gambar 32. Hasil Sidik Ragam Jumlah TBS Oktober 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_NOVEMBER_2022	EKS TAMBANG	2	117,7000	30,22174	21,37000
	MINERAL	2	149,6650	66,39026	46,94500

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_NOVEMBER_2022	Equal variances assumed	5,336E+15	,000	-,620	2	,599	-31,96500	51,58013	-253,89639	189,96639
	Equal variances not assumed			-,620	1,397	,621	-31,96500	51,58013	-376,32454	312,39454

Gambar 33. Hasil Sidik Ragam Jumlah TBS November 2022

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TBS_HA_DESEMBER_2022	EKS TAMBANG	2	133,9750	30,72379	21,72500
	MINERAL	2	179,9500	28,22770	19,96000

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TBS_HA_DESEMBER_2022	Equal variances assumed			-1,558	2	,259	-45,97500	29,50216	-172,91253	80,96253
	Equal variances not assumed			-1,558	1,986	,260	-45,97500	29,50216	-173,78571	81,83571

Gambar 34. Hasil Sidik Ragam Jumlah TBS November 2022

### Lampiran 11. Hasil Sidik Ragam Tinggi Batang dan Lingkar Batang

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TINGGI_BATANG	EKS TAMBANG	60	54,5817	14,63578	1,88947
	MINERAL	60	54,6917	15,84691	2,04583

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TINGGI_BATANG	Equal variances assumed	,046	,830	-.039	118	,969	-.11000	2,78487	-5,62480	5,40480
	Equal variances not assumed			-.039	117,262	,969	-.11000	2,78487	-5,62516	5,40516

Gambar 35. Hasil Sidik Ragam Tinggi Batang

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
LINGKAR_BATANG	EKS TAMBANG	60	247,6083	27,90743	3,60283
	MINERAL	60	258,3700	27,61269	3,56478

Independent Samples Test										
		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
LINGKAR_BATANG	Equal variances assumed	,004	,952	-2,123	118	,036	-10,78167	5,06834	-20,79836	-.72497
	Equal variances not assumed			-2,123	117,987	,036	-10,78167	5,06834	-20,79837	-.72496

Gambar 36. Hasil Sidik Ragam Lingkar Batang

### Lampiran 12. Hasil Sidik Ragam Jumlah dan Panjang Pelepah

	BLOK	N	Mean	Std. Deviation	Std. Error Mean
JUMLAH_PELEPAH	EKS TAMBANG	60	50,3000	3,61869	,46717
	MINERAL	60	52,1333	3,02233	,39018

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
JUMLAH_PELEPAH	Equal variances assumed	,729	,395	-3,012	118	,003	-1,83333	,60868	-3,03868	-,62798
	Equal variances not assumed			-3,012	114,370	,003	-1,83333	,60868	-3,03908	-,62759

Gambar 37. Hasil Sidik Ragam Jumlah Pelepah

	BLOK	N	Mean	Std. Deviation	Std. Error Mean
PANJANG_PELEPAH	EKS TAMBANG	60	295,1733	65,23517	8,42182
	MINERAL	60	318,7867	54,07255	6,98074

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
PANJANG_PELEPAH	Equal variances assumed	5,314	,023	-2,159	118	,033	-23,61333	10,93882	-45,27518	-,95149
	Equal variances not assumed			-2,159	114,075	,033	-23,61333	10,93882	-45,28290	-,94376

Gambar 38. Hasil Sidik Ragam Panjang Pelepah



### Lampiran 13. Hasil Sidik Ragam Lebar dan Tebal Petiole

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
LEBAR_PETIOLE	EKS TAMBANG	60	4,7000	,66230	,08550
	MINERAL	60	4,8783	,65305	,08431

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
LEBAR_PETIOLE	Equal variances assumed	,043	,836	-1,485	118	,140	-,17833	,12008	-,41612	,05945
	Equal variances not assumed			-1,485	117,977	,140	-,17833	,12008	-,41612	,05945

Gambar 39. Hasil Sidik Ragam Lebar Petiole

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
TEBAL_PETIOLE	EKS TAMBANG	60	2,8400	,49513	,06392
	MINERAL	60	2,8833	,58372	,07536

Independent Samples Test										
		Levene's Test for Equality of Variances			t-test for Equality of Means					
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
TEBAL_PETIOLE	Equal variances assumed	3,260	,074	-,439	118	,662	-,04333	,09882	-,23902	,15235
	Equal variances not assumed			-,439	114,941	,662	-,04333	,09882	-,23907	,15241

Gambar 40. Hasil Sidik Ragam Tebal Petiole

### Lampiran 14. Hasil Sidik Ragam Jumlah Daun dan Jumlah Tandan

	BLOK	N	Mean	Std. Deviation	Std. Error Mean
JUMLAH_DAUN	EKS TAMBANG	60	255,6000	24,65711	3,18322
	MINERAL	60	256,0000	26,38438	3,40621

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
JUMLAH_DAUN	Equal variances assumed	,065	,799	-,086	118	,932	-,40000	4,66210	-9,63222	8,83222
	Equal variances not assumed			-,086	117,463	,932	-,40000	4,66210	-9,63266	8,83266

Gambar 41. Hasil Sidik Ragam Jumlah Daun

	BLOK	N	Mean	Std. Deviation	Std. Error Mean
JANJANG_POKOK	EKS TAMBANG	60	8,4000	3,17938	,41046
	MINERAL	60	9,3667	2,79204	,36045

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
JANJANG_POKOK	Equal variances assumed	1,160	,284	-1,770	118	,079	-,96667	,54626	-2,04841	,11508
	Equal variances not assumed			-1,770	116,063	,079	-,96667	,54626	-2,04860	,11526

Gambar 42. Hasil Sidik Ragam Jumlah Tandan

**Lampiran 15. Hasil Sidik Ragam Berat Tandan dan Analisis Tanah Lahan Bekas Tambang di Tanah Laut Estate**

Group Statistics					
	BLOK	N	Mean	Std. Deviation	Std. Error Mean
BERAT_TANDAN	EKS TAMBANG	60	4,1460	3,51101	,45327
	MINERAL	60	5,3832	3,46164	,44690

  

Independent Samples Test										
		Levene's Test for Equality of Variances				t-test for Equality of Means				
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
BERAT_TANDAN	Equal variances assumed	,658	,419	-1,944	118	,054	-1,23717	,63853	-2,49767	,02333
	Equal variances not assumed			-1,944	117,976	,054	-1,23717	,63853	-2,49767	,02334

Gambar 43. Hasil Analisis Sidik Ragam Berat Tandan

Tabel 10. Hasil Analisis Tanah Lahan Bekas Tambang di Tanah Laut Estate.

Solum (cm)	Porositas (%)	Berat Volume (g/cm <sup>3</sup> )	Berat Jenis (g/cm <sup>3</sup> )	pH	Kadar Lengas (%)	Bahan Organik (%)
0-20	36,22	1,41	2,21	6,6	11,94	0,60
20-40	35,87	1,39	2,17	6,7	13,02	0,53

Sumber : Yoga Wahyu Madani (2021)

**Lampiran 16. Dokumentasi Penelitian Tinggi Batang, Lingkar Batang, Jumlah Pelepah, Panjang Pelepah, Lebar Petiole, dan Tebal Petiole**



Gambar 44. Ukur Tinggi Batang



Gambar 45. Ukur Lingkar Batang



Gambar 46. Hitung Jumlah Pelepah



Gambar 47. Ukur Panjang Pelepah



Gambar 48. Ukur Lebar Petiole



Gambar 49. Ukur Tebal Petiole

**Lampiran 17. Dokumentasi Penelitian Jumlah Daun, Jumlah Tandan, dan Berat Tandan**



Gambar 50. Hitung Jumlah Daun



Gambar 51. Hitung Jumlah Tandan



Gambar 52. Ukur Berat Tandan