APPENDIX I

RESULTS OF THE STATISTICAL COMPARISON BETWEEN THE PART 2 AND PART 3 DOCUMENTS

1. SITE RECORDS

1.1 Comprehending site records

	Part 3: Comprehending site records			
Part 2: Comprehending site records	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	10	3	1	0
Able with minor adjustments	1	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		2D, 1UD	1D		
	Minor adj	1A				
	Sub adj					

Test Statistics(b)

	Part3: Comprehen ding site records - Part2: Comprehen ding site records
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

a Based on negative ranks.

1.2 Completing site records - descriptions

	Part 3: Completing site records - descriptions			
Part 2: Completing site records - descriptions	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	4	5	0	1
Able with minor adjustments	3	2	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		3D, 1UD, 1ND		1ND	
	Minor adj	1D, 1A, 1ND	1D, 1UD			
	Sub adj					

Test Statistics(b)

	Part3: Completing site records - descriptions - Part2: Completing site records - descriptions
Z	707(a)
Asymp. Sig. (2-tailed)	.480

1.3 Completing site records - numerical data

	Part 3: Completing site records - numerical data			
Part 2: Completing site records - numerical data	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	6	3	0	1
Able with minor adjustments	0	3	2	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		2D, 1UD		1UD	
	Minor adj		1D, 1A, 1ND	2D		
	Sub adj					

Test Statistics(b)

	Part3: Completing site records - numerical data - Part2: Completing site records - numerical data
Z	-2.236(a)
Asymp. Sig. (2-tailed)	.025

1.4 Read and understand maps accurately

	Part 3: Read and understand maps accurately			
Part 2: Read and understand maps accurately	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	11	1	0	1
Able with minor adjustments	0	2	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D		1A		
	Minor adj		2D				
	Sub adj						

Test Statistics(b)

	Part3: Read and understand maps accurately - Part2: Read and understand maps accurately
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

1.5 Read and understand plans

	Part 3: Read and understand plans			ans
Part 2: Read and understand plans	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	10	1	0	0
Able with minor adjustments	2	2	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1UD		
	Minor adj	2D	2D		
	Sub adj				

Test Statistics(b)

	Part3: Read and understand plans - Part 2: Read and understand plans
Z	577(a)
Asymp. Sig. (2-tailed)	.564

2. EXCAVATION

2.1 Cutting turf

		Part 3: Cu	utting turf	
Part 2: Cutting turf	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	1	0	0	13
Able with minor adjustments	0	0	0	1
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
i aitz	No adj				5D, 3UD, 1LD, 1A,
					3ND
	Minor adj				1UD
	Sub adj				

Ranks

		Ν	Mean Rank	Sum of Ranks
Part3: Cutting turf -	Negative Ranks	0(a)	.00	.00
Part2: Cutting turf	Positive Ranks	0(b)	.00	.00
	Ties	1(c)		
	Total	1		

a Part3: Cutting turf < Part2: Cutting turf

b Part3: Cutting turf > Part2: Cutting turf

c Part3: Cutting turf = Part2: Cutting turf

Not enough data available to run the Wilcoxon test due to 13 participants not having performed 'Cutting turf'

2.2 Lifting turf

	Part 3: Lifting turf			
Part 2: Lifting turf	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	1	0	0	14
adjustments				
Able with minor	0	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				5D, 4UD, 1LD, 1A, 3ND
	Minor adj				
	Sub adj				

Ranks

		Ν	Mean Rank	Sum of Ranks
Part3: Lifting turf -	Negative Ranks	0(a)	.00	.00
Part2: Lifting turf	Positive Ranks	0(b)	.00	.00
	Ties	1(c)		
	Total	1		

a Part3: Lifting turf < Part2: Lifting turf b Part3: Lifting turf > Part2: Lifting turf c Part3: Lifting turf = Part2: Lifting turf

Not enough data available to run the Wilcoxon test due to 14 participants not having performed 'Lifting turf'

2.3 Excavation - large tools (pick, mattock, draw hoe)

Part 2: Excavation -	Part 3: Excavation - large tools (pick, mattock, draw hoe)			
large tools (pick, mattock, draw hoe)	Able with	Able with	Able with	Not
mattock, draw noe)	no	minor	substantial	applicable
	adjustments	adjustments	adjustments	
Able with no	10	2	0	2
adjustments				
Able with minor	0	0	0	0
adjustments				
Able with substantial	0	0	0	1
adjustments				
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		2D		1D, 1UD
	Minor adj				
	Sub adj				1A

Test Statistics(b)

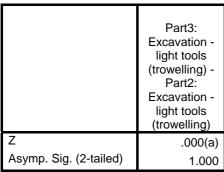
	Part3: Excavation - large tools (pick, mattock, draw hoe) - Part2: Excavation - large tools (pick, mattock, draw hoe)
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

2.4 Excavation - light tools (trowelling)

	Part 3: Excavation - light tools (trowelling)				
Part 2: Excavation - light tools (trowelling)	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	15	0	0	0	
adjustments					
Able with minor	0	0	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				
	Minor adj				
	Sub adj				

Test Statistics(b)



a The sum of negative ranks equals the sum of positive ranks.

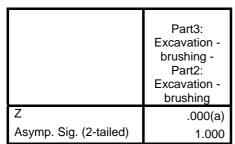
b Wilcoxon Signed Ranks Test

2.5 Excavation - brushing

	Part 3: Excavation - brushing				
Part 2: Excavation - brushing	Able with no	Able with minor	Able with substantial	Not applicable	
Able with no	adjustments 12	adjustments	adjustments	3	
adjustments	12	0	0	5	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				2D, 1UD
	Minor adj				
	Sub adj				

Test Statistics(b)

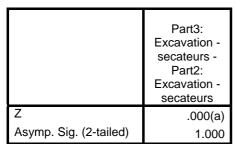


2.6 Excavation - secateurs

	Part 3: Excavation - secateurs			
Part 2: Excavation - secateurs	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no	8			6
adjustments		U	U	0
Able with minor adjustments	0	0	1	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		Minor adj	Sub adj	Not Applicable	
	No adj				3D, 3UD
	Minor adj			1A	
	Sub adj				

Test Statistics(b)

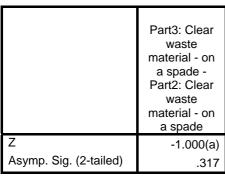


2.7 Clear waste material - on a spade

	Part 3: Clear waste material - on a spade			
Part 2: Clear waste material - on a spade	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	12	1	0	2
adjustments				
Able with minor	0	0	0	0
adjustments				
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3		
Part2		Sub adj	Not Applicable	
	No adj	1UD		1D, 1A
	Minor adj			
	Sub adj			

Test Statistics(b)



2.8 Clear waste material - by hand

Part 2: Clear waste	Part 3: Clear waste material - by hand			
material - by hand	Able with	Able with	Able with	Not
	no	minor	substantial	applicable
	adjustments	adjustments	adjustments	
Able with no	11	1	0	3
adjustments				
Able with minor	0	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D		1D, 1LD, 1A
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: Clear waste material - by hand - Part2: Clear waste material - by hand
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

2.9 Dispose waste material - wheelbarrow/bucket

	Part 3: Dispose waste material - wheelbarrow/bucket			
Part 2: Dispose waste material - wheelbarrow/bucket	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	12	1	0	0
Able with minor adjustments	1	0	0	0
Able with substantial adjustments	0	1	0	0
Not applicable	0	0	0	0

	Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		1D			
	Minor adj	1UD				
	Sub adj		1D			

Test Statistics(b)

	Part3: Dispose waste material - wheelbarrow/b ucket - Part2: Dispose waste material - wheelbarrow/b ucket
Z	577(a)
Asymp. Sig. (2-tailed)	

2.10 Dispose waste material - empty wheelbarrow/bucket

Part 3: Dispose waste material - empty wheelbarrow/bucket				
Able with	Able with	Able with	Not	
no	minor	substantial	applicable	
adjustments	adjustments	adjustments		
13	0	0	0	
0	1	0	0	
1	0	0	0	
0	0	0	0	
	Able with no adjustments 13	Able with Able with no minor adjustments 13 0	Able with no adjustmentsAble with minor adjustmentsAble with substantial adjustments1300010100	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj						
	Minor adj		1D				
	Sub adj	1A					

Test Statistics(b)

	Part3: Dispose waste material - empty wheelbarrow/b ucket - Part2: Dispose waste material - empty wheelbarrow/b ucket
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

2.11 Dry sieving

	Part 3: Dry sieving					
Part 2: Dry sieving	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable		
Able with no adjustments	11	0	0	4		
Able with minor adjustments	0	0	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

		Part3						
Part2		No adj	Minor adj	Sub adj	Not Applicable			
	No adj				2D, 1UD, 1LD			
	Minor adj							
	Sub adj							

Test Statistics(b)

	Part3: Dry sieving - Part2: Dry sieving
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

2.12 Use a sprayer

	Part 3: Use a sprayer				
Part 2: Use a sprayer	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	10	0	0	5	
adjustments					
Able with minor	0	0	0	0	
adjustments					
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3						
Part2		No adj	Minor adj	Sub adj	Not Applicable			
	No adj				3D, 1UD, 1LD			
	Minor adj							
	Sub adj							

Test Statistics(b)

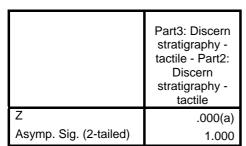
	Part3: Use a sprayer - Part2: Use a sprayer
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

2.13 Discern stratigraphy - tactile

	Part 3: Discern stratigraphy - tactile					
Part 2: Discern stratigraphy - tactile	Able with no	Able with minor	Able with substantial	Not applicable		
	adjustments	adjustments	adjustments			
Able with no	13	1	0	0		
adjustments						
Able with minor adjustments	1	0	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D				
	Minor adj	1UD					
	Sub adj						

Test Statistics(b)



2.14 Discern stratigraphy - vision

	Part 3: Discern stratigraphy - vision				
Part 2: Discern stratigraphy - vision	Able with no	Able with minor	Able with substantial	Not applicable	
Able with no	adjustments 13	adjustments 2	adjustments	0	
adjustments	15	2	0	0	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D, 1ND				
	Minor adj						
	Sub adj						

Test Statistics(b)

	Part3: Discern stratigraphy - vision - Part2: Discern stratigraphy - vision
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

2.15 Discern stratigraphy - colour

	Part 3: Discern stratigraphy - colour				
Part 2: Discern stratigraphy - colour	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	11	3	0	0	
adjustments					
Able with minor	1	0	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		3D				
	Minor adj	1UD					
	Sub adj						

Test Statistics(b)

	Part3: Discern stratigraphy - colour - Part2: Discern stratigraphy - colour
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

2.16 Discern stratigraphy - texture

г

Part 2: Discern	Part 3: Discern stratigraphy - texture				
stratigraphy - texture	Able with	Able with	Able with	Not	
	no	minor	substantial	applicable	
	adjustments	adjustments	adjustments		
Able with no	13	1	0	0	
adjustments					
Able with minor	1	0	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D				
	Minor adj	1D					
	Sub adj						

Test Statistics(b)

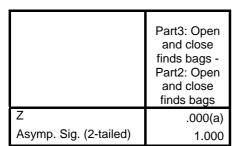
	Part3: Discern stratigraphy - texture - Part2: Discern stratigraphy - texture
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

2.17 Open and close finds bags

	Part 3: Open and close finds bags				
Part 2: Open and close finds bags	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments	4	
Able with no adjustments	14	0	0	1	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj				1A		
	Minor adj						
	Sub adj						

Test Statistics(b)



2.18 Write labels

	Part 3: Write labels				
Part 2: Write labels	Able with	Able with minor	Able with substantial	Not applicable	
	no adjustments	adjustments	adjustments	applicable	
Able with no	12	0	0	0	
adjustments					
Able with minor	3	0	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj						
	Minor adj	1D, 1UD, 1A					
	Sub adj						

Test Statistics(b)

	Part3: Write labels - Part2: Write labels
Z	-1.732(a)
Asymp. Sig. (2-tailed)	.083

3. PLANNING AND SECTION DRAWING

3.1 Lay a tape measure

	Part 3: Lay a tape measure					
Part 2: Lay a tape measure	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable		
Able with no adjustments	12	3	0	0		
Able with minor adjustments	0	0	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

		Part3						
Part2		No adj	Minor adj	Sub adj	Not Applicable			
	No adj		1D, 1UD, 1A					
	Minor adj							
	Sub adj							

Test Statistics(b)

	Part3: Lay a tape measure - Part2: Lay a tape measure
Z	-1.732(a)
Asymp. Sig. (2-tailed)	.083

3.2 Read a tape measure accurately

	Part 3: Read a tape measure accurately				
Part 2: Read a tape measure accurately	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	10	2	0	0	
adjustments					
Able with minor adjustments	2	1	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		2D				
	Minor adj	1UD, 1A	1D				
	Sub adj						

Test Statistics(b)

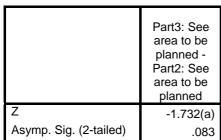
	Part3: Read a tape measure accurately - Part2: Read a tape measure accurately
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

3.3 See area to be planned

	Part 3: See area to be planned				
Part 2: See area to be planned	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no	12	3		0	
adjustments					
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		3D				
	Minor adj						
	Sub adj						

Test Statistics(b)



3.4 Handle and manipulate planning frame

	Part 3: Handle and manipulate planning frame				
Part 2: Handle and manipulate planning frame	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	11	4	0	0	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		4D		
	Minor adj				
	Sub adj				

Test Statistics(b)

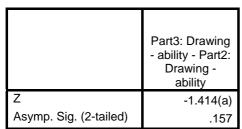
	Part3: Handle and manipulate planning frame - Part2: Handle and manipulate planning frame
Z	-2.000(a)
Asymp. Sig. (2-tailed)	.046

3.5 Drawing - ability

	Part 3: Drawing - ability				
Part 2: Drawing - ability	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	9	3	1	0	
adjustments					
Able with minor adjustments	1	1	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		2D, 1A	1D	
	Minor adj	1D	1D		
	Sub adj				

Test Statistics(b)

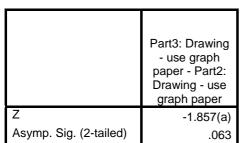


3.6 Drawing - use graph paper

	Part 3: Drawing - use graph paper				
Part 2: Drawing - use graph paper	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	11	2	2	0	
adjustments					
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D, 1A	2D	
	Minor adj				
	Sub adj				

Test Statistics(b)



4. PROCESSING OF ARTEFACTS

4.1 Handling finds

	Part 3: Handling finds				
Part 2: Handling finds	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	14	1	0	0	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1UD		
	Minor adj				
	Sub adj				

Test Statistics(b)

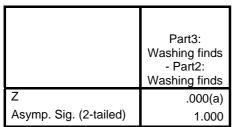
	Part3: Handling finds - Part2: Handling finds
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

4.2 Washing finds

	Part 3: Washing finds				
Part 2: Washing finds	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	13	0	0	1	
adjustments					
Able with minor	0	1	0	0	
adjustments					
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				1D
	Minor adj		1UD		
	Sub adj				

Test Statistics(b)



4.3 Sorting finds

	Part 3: Sorting finds				
Part 2: Sorting finds	Able with	Able with minor	Able with substantial	Not	
	no adjustments	adjustments	adjustments	applicable	
Able with no	15	0	0	0	
adjustments					
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj						
	Minor adj						
	Sub adj						

Test Statistics(b)

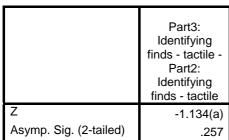
	Part3: Sorting finds - Part2: Sorting finds
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

4.4 Identifying finds - tactile

	Part 3: Identifying finds - tactile				
Part 2: Identifying finds - tactile	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	11	2	1	0	
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		2D	1D			
	Minor adj	1UD					
	Sub adj						

Test Statistics(b)

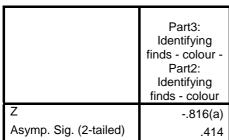


4.5 Identifying finds - colour

	Part 3: Identifying finds - colour				
Part 2: Identifying finds - colour	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	12	1	1		
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D	1D			
	Minor adj	1UD					
	Sub adj						

Test Statistics(b)

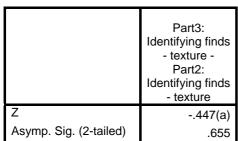


4.6 Identifying finds - texture

	Part 3: Identifying finds - texture				
Part 2: Identifying finds - texture	Able with no	Able with minor	Able with substantial adjustments	Not applicable	
Able with no	adjustments 13	adjustments		0	
adjustments	15	0	I	U	
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj			1D			
	Minor adj	1D					
	Sub adj						

Test Statistics(b)

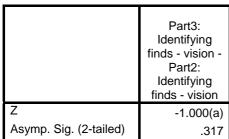


4.7 Identifying finds - vision

	Part 3: Identifying finds - vision				
Part 2: Identifying finds - vision	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	14	0	1	0	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj			1D			
	Minor adj						
	Sub adj						

Test Statistics(b)

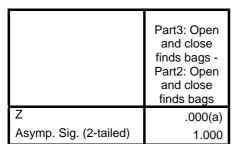


4.8 Open and close finds bags

	Part 3: Open and close finds bags				
Part 2: Open and close finds bags	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	14	0	0	1	
adjustments					
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj				1A		
	Minor adj						
	Sub adj						

Test Statistics(b)



a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

4.9 Marking finds

	Part 3: Marking finds				
Part 2: Marking finds	Able with	Able with	Able with	Not	
	no	minor	substantial	applicable	
	adjustments	adjustments	adjustments		
Able with no	8	0	0	4	
adjustments					
Able with minor	2	0	0	1	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				2D, 1UD,
					1LD
	Minor adj	1D, 1UD			1A
	Sub adj				

Test Statistics(b)

	Part3: Marking finds - Part2: Marking finds
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

5. ENVIRONMENTAL SAMPLING

5.1 Take bulk samples

	Part 3: Take bulk samples				
Part 2: Take bulk samples	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	7	1	0	7	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D		4D, 2UD, 1A		
	Minor adj						
	Sub adj						

Test Statistics(b)

	Part3: Take bulk samples - Part2: Take bulk samples
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

5.2 Wet sieving

	Part 3: Wet sieving				
Part 2: Wet sieving	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	12	1	0	1	
adjustments					
Able with minor	0	0	0	1	
adjustments					
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D		1LD		
	Minor adj				1UD		
	Sub adj						

Test Statistics(b)

	Part3: Wet sieving - Part2: Wet sieving
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

5.3 Sorting samples

	Part 3: Sorting samples				
Part 2: Sorting samples	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	13	2	0	0	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		2D		
	Minor adj				
	Sub adj				

Test Statistics(b)

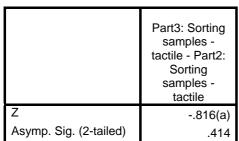
	Part3: Sorting samples - Part2: Sorting samples
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

5.4 Sorting samples - tactile

	Part 3: Sorting samples – tactile				
Part 2: Sorting samples – tactile	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	11	1	1	1	
adjustments					
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D	1D	1LD
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

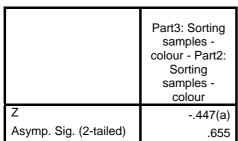


5.5 Sorting samples - colour

	Part 3: Sorting samples – colour				
Part 2: Sorting samples – colour	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	12	0	1	1	
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj			1D	1LD
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

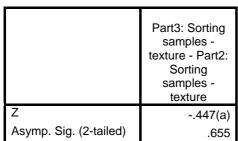


5.6 Sorting samples - texture

	Part 3: Sorting samples – texture				
Part 2: Sorting samples – texture	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	12	0	1	1	
adjustments					
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj			1D	1LD
	Minor adj	1D			
	Sub adj				

Test Statistics(b)

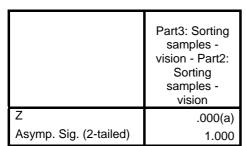


5.7 Sorting samples - vision

	Part 3: Sorting samples – vision				
Part 2: Sorting samples – vision	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	14	0	0	1	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				1LD
	Minor adj				
	Sub adj				

Test Statistics(b)



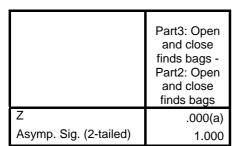
a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

5.8 Open and close finds bags

	Part 3: Open and close finds bags				
Part 2: Open and close finds bags	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	15	0	0	0	
adjustments					
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				
	Minor adj				
	Sub adj				

Test Statistics(b)



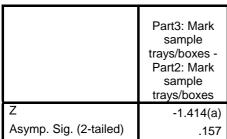
a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

5.9 Mark sample trays/boxes

	Part 3: Mark sample trays/boxes				
Part 2: Mark sample trays/boxes	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	12	0	0	0	
Able with minor adjustments	2	0	0	1	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				
	Minor adj	1D, 1UD			1A
	Sub adj				

Test Statistics(b)



6. SURVEYING

6.1 Lay a tape measure

	Part 3: Lay a tape measure			
Part 2: Lay a tape measure	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no	14	1	0	0
adjustments				
Able with minor adjustments	0	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1A		
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: Lay a tape measure - Part2: Lay a tape measure
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

6.2 Read a tape measure accurately

	Part 3: Read a tape measure accurately			
Part 2: Read a tape measure accurately	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no adjustments	12	0	0	0
	2	4	0	0
Able with minor adjustments	2	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				
	Minor adj	1UD, 1A	1D		
	Sub adj				

Test Statistics(b)

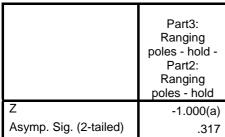
	Part3: Read a tape measure accurately - Part2: Read a tape measure accurately
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

6.3 Ranging poles - hold

	Part 3: Ranging poles – hold				
Part 2: Ranging poles – hold	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	12	1	0	1	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	1	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1ND		1LD
	Minor adj				
	Sub adj				1A

Test Statistics(b)

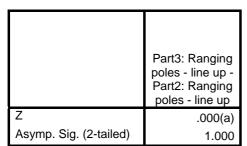


6.4 Ranging poles - line up

	Part 3: Ranging poles – line up				
Part 2: Ranging poles – line up	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	11	1	0	1	
adjustments					
Able with minor	1	0	0	1	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1ND		1LD
	Minor adj	1UD			1A
	Sub adj				

Test Statistics(b)



a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

7. INSTRUMENT SURVEY

7.1 Measuring staff – hold

Part 3: Measuring staff – hold			
Able with no	Able with minor	Able with substantial	Not applicable
adjustments	adjustments	adjustments	
13	1	0	0
0	0	0	0
1	0	0	0
0	0	0	0
	Able with no adjustments 13 0 1	Able with no adjustmentsAble with minor adjustments1310010	Able with no adjustmentsAble with minor adjustmentsAble with substantial adjustments1310000100

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D		
	Minor adj				
	Sub adj	1A			

Test Statistics(b)

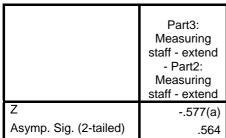
	Part3: Measuring staff - hold - Part2: Measuring staff - hold
Z	447(a)
Asymp. Sig. (2-tailed)	.655

7.2 Measuring staff - extend

	Part 3: Measuring staff – extend			
Part 2: Measuring staff – extend	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	12	1	0	0
Able with minor adjustments	2	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		1D			
	Minor adj	1D, 1UD				
	Sub adj					

Test Statistics(b)



7.3 Level - set up tripod

	Part 3: Level – set up tripod			
Part 2: Level – set up tripod	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	8	4	0	1
Able with minor adjustments	1	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		3D, 1UD		1LD
	Minor adj	1D	1ND		
	Sub adj				

Test Statistics(b)

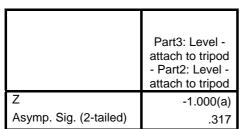
	Part3: Level - set up tripod - Part2: Level - set up tripod
Z	-1.342(a)
Asymp. Sig. (2-tailed)	.180

7.4 Level - attach to tripod

	Part 3: Level – attach to tripod			
Part 2: Level – attach to tripod	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	9	3	0	1
adjustments				
Able with minor adjustments	1	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		2D, 1UD		1LD
	Minor adj	1A	1ND		
	Sub adj				

Test Statistics(b)



7.5 Level – use visually

	Part 3: Level – use visually				
Part 2: Level – use visually	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	12	2	0	0	
adjustments					
Able with minor	1	0	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		2D			
	Minor adj	1UD				
	Sub adj					

Test Statistics(b)

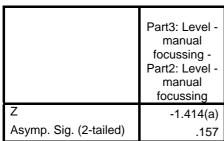
	Part3: Level - use visually - Part2: Level - use visually
Z	577(a)
Asymp. Sig. (2-tailed)	.564

7.6 Level - manual focussing

	Part 3: Level – manual focussing			
Part 2: Level – manual focussing	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	13	2	0	0
adjustments				
Able with minor adjustments	0	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		2D		
	Minor adj				
	Sub adj				

Test Statistics(b)



7.7 Level - read measurements

	Part 3: Level – read measurements			
Part 2: Level – read measurements	Able with no	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no	adjustments 11	2		0
adjustments		2	0	U
Able with minor adjustments	1	0	0	0
Able with substantial adjustments	0	1	0	0
Not applicable	0	0	0	0

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		2D			
	Minor adj	1UD				
	Sub adj		1A			

Test Statistics(b)

	Part3: Level - read measurement s - Part2: Level - read measurement s
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

7.8 Total Station - set up tripod

	Part 3: Total Station – set up tripod			
Part 2: Total Station – set up tripod	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	6	2	0	5
Able with minor adjustments	1	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		2D		2D, 2UD, 1A
	Minor adj	1D	1ND		
	Sub adj				

Test Statistics(b)

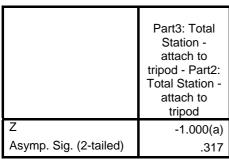
	Part3: Total Station - set up tripod - Part2: Total Station - set up tripod
Z	577(a)
Asymp. Sig. (2-tailed)	.564

7.9 Total Station - attach to tripod

	Part	3: Total Station	n – attach to tri	pod
Part 2: Total Station – attach to tripod	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	8	0	1	4
adjustments				
Able with minor	0	1	0	1
adjustments				
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj			1D	2D, 2UD
	Minor adj		1ND		1A
	Sub adj				

Test Statistics(b)



7.10 Total Station - use visually

	Par	t 3: Total Stati	on – use visua	lly
Part 2: Total Station – use visually	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	10	0	0	4
adjustments				
Able with minor adjustments	0	0	0	1
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		_		2D, 1UD, 1A
	Minor adj				10D
	Sub adj				

Test Statistics(b)

	Part3: Total Station - use visually - Part2: Total Station - use visually
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

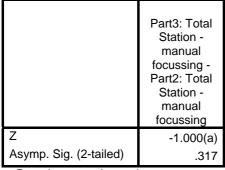
a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

7.11 Total Station - manual focussing

	Part 3: Total Station – manual focussing					
Part 2: Total Station – manual focussing	Able with no	Able with minor	Able with substantial	Not applicable		
	adjustments	adjustments	adjustments			
Able with no	9	1	0	5		
adjustments						
Able with minor adjustments	0	0	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D		2D, 2UD, 1A
	Minor adj				
	Sub adj				

Test Statistics(b)



7.12 Total Station - read measurements

	Part 3: Total Station – read measurements				
Part 2: Total Station – read measurements	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	9	1	0	3	
adjustments					
Able with minor adjustments	0	0	0	1	
Able with substantial adjustments	0	0	0	1	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D		2D, 1UD
	Minor adj				1UD
	Sub adj				1A

Test Statistics(b)

	Part3: Total Station - read measurements - Part2: Total Station - read measurements
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

7.13 Total Station - record readings on screen

	Part 3: Total Station – record readings on screen				
Part 2: Total Station – record readings on screen	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	8	2	0	5	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D, 1ND		2D, 2UD, 1A
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: Total Station - record readings on screen - Part2: Total Station - record readings on screen
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

7.14 Total Station – audible signals

	Part 3: Total Station – audible signals					
Part 2: Total Station – audible signals	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable		
Able with no adjustments	7	1	1	5		
Able with minor adjustments	1	0	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1ND	1D	2D, 2UD, 1A
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

	Part3: Total Station - audible signals - Part2: Total Station - audible signals
Z	816(a)
Asymp. Sig. (2-tailed)	.414

7.15 Total Station - attach prism to staff

	Part 3:	Total Station -	- attach prism t	to staff
Part 2: Total Station – attach prism to staff	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	6	2	0	7
adjustments				
Able with minor adjustments	0	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D, 1ND		3D, 2UD, 1LD, 1A		
	Minor adj						
	Sub adj						

Test Statistics(b)

	Part3: Total Station - attach prism to staff - Part2: Total Station - attach prism to staff
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

7.16 Prismatic compass - use

	Pa	art 3: Prismatic	compass – us	e
Part 2: Prismatic compass – use	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	4	3	0	6
Able with minor adjustments	1	0	0	0
Able with substantial adjustments	0	0	0	1
Not applicable	0	0	0	0

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		1D, 2ND		3D, 1UD, 1LD, 1ND	
	Minor adj	1UD				
	Sub adj				1A	

Test Statistics(b)

	Part3: Prismatic compass - use - Part2: Prismatic compass - use
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

7.17 Optical square - use

		Part 3: Optical	square – use	
Part 2: Optical square – use	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no	5	3	aujustments 0	6
adjustments		0	U	Ū
Able with minor adjustments	1	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D, 2ND		3D, 1UD, 1LD, 1ND
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

	Part3: Optical square - use - Part2: Optical square - use
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

8. SURFACE SURVEY

8.1 Field walking - traverse

	Pa	art 3: Field wal	king – traverse	e
Part 2: Field walking – traverse	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	3	0	0	10
Able with minor adjustments	0	0	0	2
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj				5D, 3UD, 1LD, 1ND		
	Minor adj				1UD, 1A		
	Sub adj						

Test Statistics(b)

	Part3: Field walking - traverse - Part2: Field walking - traverse
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

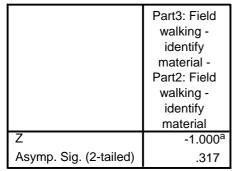
a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

8.2 Field walking - identifying material

	Part 3: Field walking – identifying material			aterial
Part 2: Field walking – identifying material	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	applicable
Able with no	2	1	0	12
adjustments				
Able with minor	0	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				-
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1ND		5D, 4UD, 1LD, 1A, 1ND
	Minor adj				
	Sub adj				

Test Statistics^b



a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Part3: Field walking	Negative Ranks	0 ^a	.00	.00
- identify material -	Positive Ranks	1 ^b	1.00	1.00
Part2: Field walking	Ties	2 ^c		
- identify material	Total	3		

a. Part3: Field walking - identify material < Part2: Field walking - identify material b.

Part3: Field walking - identify material > Part2: Field walking - identify material c.

Part3: Field walking - identify material = Part2: Field walking - identify material

Insufficient sample (3 participants)

8.3 Field walking - pick up material

	Part 3	3: Field walking	g – pick up mat	terial
Part 2: Field walking – pick up material	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	3	0	0	11
adjustments				
Able with minor adjustments	0	0	0	1
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		-		5D, 4UD, 1LD, 1ND	
	Minor adj				1A	
	Sub adj					

Test Statistics^b

	Part3: Field walking - pick up material - Part2: Field walking - pick up material
Z	.000 ^a
Asymp. Sig. (2-tailed)	1.000

a. The sum of negative ranks equals the sum of positive ranks.

b. Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Part3: Field walking - pick	Negative Ranks	0 ^a	.00	.00
up material - Part2: Field	Positive Ranks	0 ^b	.00	.00
walking - pick up material	Ties	3°		
	Total	3		
a. Part3: Field walking - pick up material < Part2: Field walking - pick up material				

b. Part3: Field walking - pick up material > Part2: Field walking - pick up material

C. Part3: Field walking - pick up material = Part2: Field walking - pick up material

Insufficient sample (3 participants)

8.4 Field survey - traverse

	Р	art 3: Field su	rvey – traverse	•
Part 2: Field survey – traverse	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	3	0	0	10
Able with minor adjustments	0	0	0	2
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		-		5D, 3UD, 1LD, 1ND
	Minor adj				1UD, 1A
	Sub adj				

Ranks

		Ν	Mean Rank	Sum of Ranks
Part3: Field survey -	Negative Ranks	0 ^a	.00	.00
traverse - Part2: Field	Positive Ranks	0 ^b	.00	.00
survey - traverse	Ties	3°		
	Total	3		

a. Part3: Field survey - traverse < Part2: Field survey - traverse

b. Part3: Field survey - traverse > Part2: Field survey - traverse

C. Part3: Field survey - traverse = Part2: Field survey - traverse

Test Statistics^b

	Part3: Field
	survey -
	traverse -
	Part2: Field
	survey -
	traverse
Z	.000 ^a
Asymp. Sig. (2-tailed)	1.000

- a. The sum of negative ranks equals the sum of positive ranks.
- b. Wilcoxon Signed Ranks Test

Insufficient sample (3 participants)

8.5 Field survey - identifying surface features

	Part 3: Field survey – identifying surface features				
Part 2: Field survey – identifying surface features	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	2	1	0	12	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3						
Part2		No adj	Minor adj	Sub adj	Not Applicable			
	No adj		1ND		5D, 4UD, 1LD, 1A, 1ND			
	Minor adj							
	Sub adj							

Ranks

		-		
		N	Mean Rank	Sum of Ranks
Part3: Field survey -	Negative Ranks	0 ^a	.00	.00
identify surface features	Positive Ranks	1 ^b	1.00	1.00
- Part2: Field survey -	Ties	2 ^c		
identify surface features	Total	3		

 Part3: Field survey - identify surface features < Part2: Field survey - identify surface features

b. Part3: Field survey - identify surface features > Part2: Field survey - identify surface features

C. Part3: Field survey - identify surface features = Part2: Field survey - identify surface features

Test Statistics^b

	Part3: Field
	survey -
	identify
	surface
	features -
	Part2: Field
	survey -
	identify
	surface
	features
Z	-1.000 ^a
Asymp. Sig. (2-tailed)	.317

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Insufficient sample (3 participants)

8.6 Open and close finds bags

	Part 3: Open and close finds bags			
Part 2: Open and close finds bags	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	40
Able with no adjustments	3	0	0	12
Able with minor adjustments	0	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj				5D, 4UD, 1LD, 1A, 1ND		
	Minor adj						
	Sub adj						

Ranks

		N	Mean Rank	Sum of Ranks
Part3: Open and close	Negative Ranks	0 ^a	.00	.00
finds bags - Part2: Open	Positive Ranks	0 ^b	.00	.00
and close finds bags	Ties	3 ^c		
	Total	3		

a. Part3: Open and close finds bags < Part2: Open and close finds bags

b. Part3: Open and close finds bags > Part2: Open and close finds bags
 c. Part3: Open and close finds bags = Part2: Open and close finds bags

Test Statistics^b

	Part3: Open
	and close
	finds bags -
	Part2: Open
	and close
	finds bags
Z	.000 ^a
Asymp. Sig. (2-tailed)	1.000

- a. The sum of negative ranks equals the sum of positive ranks.
- b. Wilcoxon Signed Ranks Test

Insufficient sample (3 participants)

8.7 Write labels

		Part 3: Write labels			
Part 2: Write labels		Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	-	3	0	0	9
Able with m adjustments		0	0	0	3
Able with su adjustments		0	0	0	0
Not applica	ble	0	0	0	0
			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				4D, 3UD, 1LD, 1ND
	Minor adj				1D, 1UD, 1A
	Sub adj				

Ranks

		Ν	Mean Rank	Sum of Ranks
Part3: Write labels -	Negative Ranks	0 ^a	.00	.00
Part2: Write labels	Positive Ranks	0 ^b	.00	.00
	Ties	3 ^c		
	Total	3		

a. Part3: Write labels < Part2: Write labels

b. Part3: Write labels > Part2: Write labels

c. Part3: Write labels = Part2: Write labels

Test Statistics^b

	Part3: Write labels - Part2: Write labels
Z	.000 ^a
Asymp. Sig. (2-tailed)	1.000

a. The sum of negative ranks equals the sum of positive ranks.

b. Wilcoxon Signed Ranks Test

Insufficient sample (3 participants)

9. GEOPHYSICAL SURVEY

9.1 Gradiometry - use an instrument

	Part 3	Gradiometry	– use an instru	iment
Part 2: Gradiometry – use an instrument	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	4	2	0	8
adjustments				
Able with minor	1	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D,1ND		4D, 2UD, 1LD, 1ND		
	Minor adj	1A					
	Sub adj						

Test Statistics^b

	Part3:
	Gradiometry -
	use an
	instrument -
	Part2:
	Gradiometry -
	use an
	instrument
Z	577 ^a
Asymp. Sig. (2-tailed)	.564

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

9.2 Gradiometry - identify walking line

	Part 3: Gradiometry – identify walking line				
Part 2: Gradiometry – identify walking line	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	5	2	0	8	
adjustments					
Able with minor	0	0	0	0	
adjustments	0	0	0		
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D, 1ND		4D, 2UD, 1LD, 1ND
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: Gradiometry - identify walking line - Part2: Gradiometry - identify walking line
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

9.3 Gradiometry - audible signals

	Part 3: Gradiometry – audible signals				
Part 2: Gradiometry – audible signals	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	4	2	0	8	
adjustments					
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D, 1ND		4D, 2UD, 1LD, 1ND		
	Minor adj	1UD					
	Sub adj						

Test Statistics(b)

	Part3: Gradiometry - audible signals - Part2: Gradiometry - audible signals
Z	577(a)
Asymp. Sig. (2-tailed)	.564

9.4 Resistivity- use an instrument

	Part 3: Resistivity– use an instrument					
Part 2: Resistivity– use an instrument	Able with no	Able with minor	Able with substantial	Not applicable		
	adjustments	adjustments	adjustments			
Able with no	5	2	0	7		
adjustments						
Able with minor adjustments	1	0	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D, 1ND		4D, 2UD, 1LD		
	Minor adj	1A					
	Sub adj						

Test Statistics(b)

Part3: Resistivity - use an instrument - Part2: Resistivity - use an instrument
577(a)
.564

9.5 Resistivity - identify walking line

	Part 3: Resistivity – identify walking line					
Part 2: Resistivity – identify walking line	Able with	Able with	Able with	Not		
i seening interning inte	no	minor	substantial	applicable		
	adjustments	adjustments	adjustments			
Able with no	6	2	0	7		
adjustments						
Able with minor	0	0	0	0		
adjustments						
Able with substantial	0	0	0	0		
adjustments						
Not applicable	0	0	0	0		

		Part3				
Part2		No adj	Minor adj	Sub adj	Not Applicable	
	No adj		1D, 1ND		4D, 2UD, 1LD	
	Minor adj					
	Sub adj					

Test Statistics(b)

	Part3: Resistivity - identify walking line - Part2: Resistivity - identify walking line
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

10. CARRYING EQUIPMENT

10.1 Carrying equipment on back

	Part 3: Carrying equipment on back			
Part 2: Carrying equipment on back	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	10	0	0	3
adjustments				
Able with minor	1	0	0	1
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

		Part3				
Part2	t2 No adj Minor adj Sub adj				Not Applicable	
	No adj				2D, 1LD	
	Minor adj	1UD			1D	
	Sub adj					

Test Statistics(b)

	Part3: Carry equipment on back - Part2: Carry equipment on back
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

10.2 Carrying equipment in hands

	Part 3: Carrying equipment in hands			
Part 2: Carrying equipment in hands	Able with no	Able with minor	Able with substantial	Not applicable
	adjustments	adjustments	adjustments	
Able with no	12	0	0	2
adjustments				
Able with minor adjustments	1	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3				
Part2 No adj Minor adj Sub adj				Not Applicable		
	No adj				1D, 1LD	
	Minor adj	1D				
	Sub adj					

Test Statistics(b)

	Part3: Carry equipment in hands - Part2: Carry equipment in hands
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

11. PHYSICAL ABILITY

11.1 Climb in and out of trenches

	Part 3: Climb in and out of trenches			
Part 2: Climb in and out of trenches	Able with no	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	adjustments 15	0	0	0
Able with minor adjustments	0	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

All able

Test Statistics(b)

	Part3: Climb in and out of trenches - Part2: Climb in and out of trenches
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

11.2 Climb over upstanding features

	Part 3: Climb over upstanding features			
Part 2: Climb over	Able with	Able with	Able with	Not
upstanding features	no	minor	substantial	applicable
	adjustments	adjustments	adjustments	
Able with no	15	0	0	0
adjustments				
Able with minor	0	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

All able

Test Statistics(b)

	Part3: Climb over upstanding features - Part2: Climb over upstanding features
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks. b Wilcoxon Signed Ranks Test

11.3 Strength

	Part 3: Strength				
Part 2: Strength	Able with Able with Able with Not				
	no	minor	substantial	applicable	
	adjustments	adjustments	adjustments		
Able with no	10	3	0	0	
adjustments					
Able with minor	1	1	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D, 1UD, 1ND		
	Minor adj	1A	1D		
	Sub adj				

Test Statistics(b)

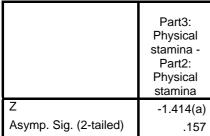
	Part3: Strength - Part2: Strength
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

11.4 Physical stamina

	Part 3: Physical stamina			
Part 2: Physical stamina	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	12	2	0	0
Able with minor adjustments	0	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1UD, 1ND		
	Minor adj		1D		
	Sub adj				

Test Statistics(b)



11.5 Squatting

	Part 3: Squatting		
Part 2: Squatting	Able Unable		
Able	15	0	
Unable	0	0	

All able

Test Statistics(b)

	Part3: Squatting - Part2: Squatting
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

11.6 Kneeling

	Part 3: Kneeling		
Part 2: Kneeling	Able Unable		
Able	15	0	
Unable	0	0	

All able

Test Statistics(b)

	Part3: Kneeling - Part2: Kneeling
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks. b Wilcoxon Signed Ranks Test

11.7 Sitting with knees pulled up to chest

Part 2: Sitting with	Part 3: Sitting with knees pulled up to chest		
knees pulled up to chest	Able	Unable	
Able	15	0	
Unable	0	0	

All able

Test Statistics(b)

	Part3: Sitting with knees pulled up to chest - Part2: Sitting with knees pulled up to chest
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

11.8 Sitting

	Part 3: Sitting		
Part 2: Sitting	Able	Unable	
Able	15	0	
Unable	0	0	

All able

Test Statistics(b)

	Part3: Sitting - Part2: Sitting
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks.

b Wilcoxon Signed Ranks Test

11.9 Sitting with legs to one side

Part 2: Sitting with legs	Part 3: Sitting with legs one side	
to one side	Able	Unable
Able	15	0
Unable	0	0

All able

Test Statistics(b)

	Part3: Sitting with legs to one side - Part2: Sitting with legs to one side
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

11.10 Lying down

	Part 3: Lying down		
Part 2: Lying down	Able	Unable	
Able	15	0	
Unable	0	0	

All able

Test Statistics(b)

	Part3: Lying down - Part2: Lying down
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks.

b Wilcoxon Signed Ranks Test

12. COGNITIVE ABILITY

12.1 Vision – colour

	Part 3: Vision – colour			
Part 2: Vision – colour	Able with no	Able with minor	Able with substantial	Not applicable
Able with no	adjustments 12	adjustments 2	adjustments	0
adjustments		-	U	0
Able with minor	1	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

		Part3				
Part2	No adj Minor adj Sub adj Not Applic					
	No adj		1D, 1A			
	Minor adj	1UD				
	Sub adj					

Test Statistics(b)

	Part3: Vision - colour - Part2: Vision - colour
Z	577(a)
Asymp. Sig. (2-tailed)	.564

12.2 Vision - texture

		Part 3: Vision – texture			
Part 2: V		Able with	Able with	Able with	Not
		no adjustments	minor adjustments	substantial adjustments	applicable
Able with no	-	12	2	0	0
adjustments	S				
Able with m	inor	1	0	0	0
adjustments	S				
Able with su	ubstantial	0	0	0	0
adjustments	S				
Not applicat	ble	0	0	0	0
			Part3		
		No adj	Minor adj	Sub adj	Not
Part2					Applicable
	No adj		2D		
	Minor adj	1D			
	Sub adj				

Test Statistics(b)

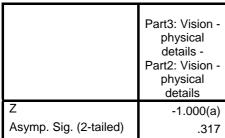
	Part3: Vision - texture - Part2: Vision - texture
Z	577(a)
Asymp. Sig. (2-tailed)	.564

12.3 Vision – physical details

	Part 3: Vision – physical details			6
Part 2: Vision – physical details	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	14	0	1	0
Able with minor adjustments	0	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3				
Part2	No adj Minor adj Sub adj Not Applicab					
	No adj			1UD		
	Minor adj					
	Sub adj					

Test Statistics(b)

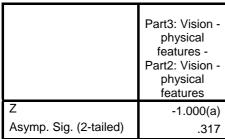


12.4 Vision – physical features

	Part 3: Vision – physical features				
Part 2: Vision – physical features	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	14	0	1	0	
adjustments					
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj			1UD	
	Minor adj				
	Sub adj				

Test Statistics(b)

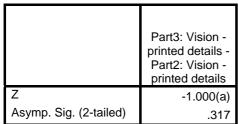


12.5 Vision - printed details

	Part 3: Vision – printed details				
Part 2: Vision – printed details	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	14	1	0	0	
Able with minor adjustments	0	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3			
Part2		No adj Minor adj Sub adj				
	No adj		1UD			
	Minor adj					
	Sub adj					

Test Statistics(b)

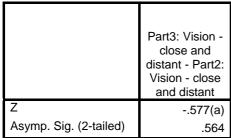


12.6 Vision - close and distant

	Part 3: Vision – close and distant			
Part 2: Vision – close and distant	Able with	Able with	Able with	Not
	no	minor	substantial	applicable
	adjustments	adjustments	adjustments	
Able with no	12	1	0	0
adjustments				
Able with minor	1	0	1	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

		Part3				
Part2		No adj	Not Applicable			
	No adj		1D			
	Minor adj	1A		1UD		
	Sub adj					

Test Statistics(b)

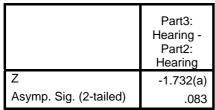


12.7 Hearing

	Part 3: Hearing				
Part 2: Hearing	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	11	3	0	0	
Able with minor adjustments	0	1	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D, 1UD, 1ND		
	Minor adj		1UD		
	Sub adj				

Test Statistics(b)



12.8 Touch

	Part 3: Touch				
Part 2: Touch	Able with	Able with	Able with	Not	
	no	minor	substantial	applicable	
	adjustments	adjustments	adjustments		
Able with no	14	0	0	0	
adjustments					
Able with minor	1	0	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

		Part3			
Part2		Minor adj	Sub adj	Not Applicable	
	No adj				
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

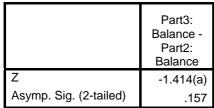
	Part3: Touch - Part2: Touch
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

12.9 Balance

	Part 3: Balance				
Part 2: Balance	Able with	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments	applicable	
Able with no	13	2	0	0	
adjustments					
Able with minor	0	0	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj		1D, 1UD		
	Minor adj				
	Sub adj				

Test Statistics(b)



12.10 Spatial awareness

	Part 3: Spatial awareness					
Part 2: Spatial awareness	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable		
Able with no adjustments	5	0	0	0		
Able with minor adjustments	5	4	0	0		
Able with substantial adjustments	1	0	0	0		
Not applicable	0	0	0	0		

	Part3						
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj						
	Minor adj	2D, 2UD, 1LD	2D, 1A, 1ND				
	Sub adj	1D					

Test Statistics(b)

	Part3: Spatial awareness - Part2: Spatial awareness
Z	-2.333(a)
Asymp. Sig. (2-tailed)	.020

12.11 Hand/eye co-ordination

	Part 3: Hand/eye co-ordination				
Part 2: Hand/eye co- ordination	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	7	1	0	0	
Able with minor adjustments	3	1	0	0	
Able with substantial adjustments	2	1	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1ND				
	Minor adj	3D	1UD				
	Sub adj	1D, 1UD	1A				

Test Statistics(b)

	Part3: Hand- eye co- ordination - Part2: Hand- eye co- ordination
Z	-1.933(a)
Asymp. Sig. (2-tailed)	.053

12.12 Comprehension - written material

	Part 3: Comprehension – written material				
Part 2: Comprehension – written material	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	13	0	1	0	
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj			1D			
	Minor adj	1A					
	Sub adj						

Test Statistics(b)

	Part3: Comprehensi on - written material - Part2: Comprehensi on - written material
Z	447(a)
Asymp. Sig. (2-tailed)	.655

12.13 Comprehension – drawings

	Part 3: Comprehension – drawings				
Part 2: Comprehension – drawings	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	11	0	0	0	
Able with minor adjustments	3	0	1	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

			Part3		
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				
	Minor adj	3D		1D	
	Sub adj				

Test Statistics(b)

	Part3: Comprehensio n - drawings - Part2: Comprehensio n - drawings
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

12.14 Comprehension – verbal information

	Part 3: Comprehension – verbal information				
Part 2: Comprehension –	Able with	Able with minor	Able with substantial	Not applicable	
verbal information	adjustments	adjustments	adjustments		
Able with no adjustments	12	0	0	0	
Able with minor adjustments	2	1	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2	No adj Minor adj Sub adj Not Applica						
	No adj						
	Minor adj	1D, 1A	1D				
	Sub adj						

Test Statistics(b)

	Part3: Comprehensi on - verbal information - Part2: Comprehensi on - verbal information
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

12.15 Organisation/categorisation

	Part 3: Organisation/categorisation			
Part 2: Organisation/ categorisation	Able with	Able with	Able with	Not
categorisation	no	minor	substantial	applicable
	adjustments	adjustments	adjustments	
Able with no	14	0	1	0
adjustments				
Able with minor	0	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

		Part3						
Part2	No adj Minor adj Sub adj Not Apr							
	No adj			1D				
	Minor adj							
	Sub adj							

Test Statistics(b)

	Part3: Organisation/c ategorisation - Part2: Organisation/c ategorisation
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

12.16 Short-term memory

	Part 3: Short-t				
Part 2: Short-term memory	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	10	3	0	0	
adjustments					
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	1	0	0	
Not applicable	0	0	0	0	

	Part3					
Part2	No adj Minor adj Sub adj Not Applic					
	No adj		2D, 1ND			
	Minor adj	1D				
	Sub adj		1A			

Test Statistics(b)

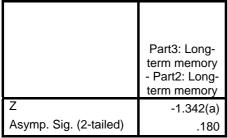
	Part3: Short- term memory - Part2: Short-term memory
Z	447(a)
Asymp. Sig. (2-tailed)	.655

12.17 Long-term memory

	Part 3: Long-term memory			
Part 2: Long-term memory	Able with no	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	adjustments 9	1	0	0
Able with minor adjustments	4	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3						
Part2		No adj	Minor adj	Sub adj	Not Applicable			
	No adj		1D					
	Minor adj	2D, 1UD, 1A	1D					
	Sub adj							

Test Statistics(b)

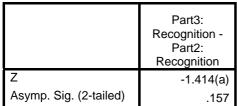


12.18 Recognition

	Part 3: Recognition			
Part 2: Recognition	Able with	Able with	Able with	Not
	no	minor	substantial	applicable
	adjustments	adjustments	adjustments	
Able with no	13	0	0	0
adjustments				
Able with minor	2	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				
	Minor adj	2UD			
	Sub adj				

Test Statistics(b)



12.19 Mental stamina

	Part 3: Mental stamina			
Part 2: Mental stamina	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	14	0	0	0
Able with minor adjustments	1	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3			
Part2		No adj	Minor adj	Sub adj	Not Applicable
	No adj				
	Minor adj	1D			
	Sub adj				

Test Statistics(b)

	Part3: Mental stamina - Part2: Mental stamina
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

13. TRANSFERABLE SKILLS

13.1 Communication - conveying information

	Part 3: Communication – conveying information			
Part 2: Communication –	Able with no	Able with minor	Able with substantial	Not applicable
conveying information	adjustments	adjustments	adjustments	
Able with no	11	0	0	0
adjustments				
Able with minor	4	0	0	0
adjustments				
Able with substantial	0	0	0	0
adjustments				
Not applicable	0	0	0	0

		Part3					
Part2		No adj Minor adj Sub adj Not Applicable					
	No adj						
	Minor adj	3D, 1A					
	Sub adj						

Test Statistics(b)

	Part3: Communication - conveying information - Part2: Communication - conveying information
Z	-2.000(a)
Asymp. Sig. (2-tailed)	.046

13.2 Communication – understanding information

	Part 3: Communication – understanding information			
Part 2: Communication – understanding information	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	12	0	0	0
Able with minor adjustments	2	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3					
Part2		No adj Minor adj Sub adj Not Applic					
	No adj						
	Minor adj	1D, 1A	1D				
	Sub adj						

Test Statistics(b)

	Part3: Communication - understanding information - Part2: Communication - understanding information
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

13.3 Communication - at a distance

	Part 3: Communication – at a distance			
Part 2: Communication – at a distance	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	14	1	0	0
Able with minor adjustments	0	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1D				
	Minor adj						
	Sub adj						

Test Statistics(b)

	Part3: Communica tion - at a distance - Part2: Communica tion - at a distance
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

13.4 Independent working

	Part 3: Independent working			
Part 2: Independent working	Able with no	Able with minor	Able with substantial adjustments	Not applicable
Able with no	adjustments 13	adjustments 0		0
adjustments				
Able with minor adjustments	1	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

		Part3					
Part2		No adj Minor adj Sub adj Not Applicab					
	No adj						
	Minor adj	1A	1D				
	Sub adj						

Test Statistics(b)

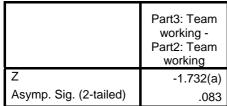
	Part3: Independent working - Part2: Independent working
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

13.5 Team working

	Part 3: Team working				
Part 2: Team working	Able with	Able with	Able with	Not	
	no	minor	substantial	applicable	
	adjustments	adjustments	adjustments		
Able with no	12	0	0	0	
adjustments					
Able with minor	3	0	0	0	
adjustments					
Able with substantial	0	0	0	0	
adjustments					
Not applicable	0	0	0	0	

		Part3					
Part2	No adj Minor adj Sub adj M						
	No adj						
	Minor adj	2UD, 1A					
	Sub adj						

Test Statistics(b)



13.6 Time management

	Part 3: Time management				
Part 2: Time management	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable	
Able with no adjustments	11	2	0	0	
Able with minor adjustments	2	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3				
Part2	No adj Minor adj Sub adj					
	No adj		2D			
	Minor adj	1D, 1UD				
	Sub adj					

Test Statistics(b)

	Part3: Time management - Part2: Time management
Z	.000(a)
Asymp. Sig. (2-tailed)	1.000

a The sum of negative ranks equals the sum of positive ranks.b Wilcoxon Signed Ranks Test

13.7 Adapting to a new environment

	Part 3: Adapting to a new environment				
Part 2: Adapting to a new environment	Able with no	Able with minor	Able with substantial	Not applicable	
	adjustments	adjustments	adjustments		
Able with no	9	1	0	0	
adjustments					
Able with minor adjustments	3	1	0	0	
Able with substantial adjustments	0	1	0	0	
Not applicable	0	0	0	0	

	Part3					
Part2	No adj Minor adj Sub adj					
	No adj		1D			
	Minor adj	2UD, 1LD	1UD			
	Sub adj		1D			

Test Statistics(b)

	Part3: Adapting to a new environment - Part2: Adapting to a new environment
Z	-1.342(a)
Asymp. Sig. (2-tailed)	.180

13.8 Analysing qualitative data

	Part 3: Analysing qualitative data				
Part 2: Analysing qualitative data	Able with no	Able with minor	Able with substantial adjustments	Not applicable	
Able with no	adjustments 11	adjustments 2		0	
adjustments		2	U	U	
Able with minor adjustments	1	0	0	0	
Able with substantial adjustments	0	0	0	0	
Not applicable	0	0	0	0	

		Part3					
Part2	No adj Minor adj Sub adj Not App						
	No adj		2D				
	Minor adj	1UD					
	Sub adj						

Test Statistics(b)

	Part3: Analysing qualitative data - Part2: Analysing qualitative data
Z	577(a)
Asymp. Sig. (2-tailed)	.564

13.9 Analysing quantitative data

		Part 3: Analysing quantitative data				
Part 2: A		Able with	Able with	Able with	Not	
quantitat	ve data	no	minor	substantial	applicable	
		adjustments	adjustments	adjustments		
Able with no	с –	5	0	0	0	
adjustments	6					
Able with m	inor	6	2	1	0	
adjustments	6					
Able with su	ubstantial	1	0	0	0	
adjustments	6					
Not applica	ble	0	0	0	0	
		1	Part3	1	1	
		No adj	Minor adj	Sub adj	Not	
Part2					Applicable	
	No adj					
	Minor adj	3D, 2UD,	1D, 1ND	1D		
		1LD				
	Sub adj	1A				

Test Statistics(b)

	Part3: Analysing quantitative data - Part2: Analysing quantitative data
Z	-2.111(a)
Asymp. Sig. (2-tailed)	.035

13.10 Problem solving

	Part 3: Problem solving					
Part 2: Problem solving	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable		
Able with no adjustments	13	0	0	0		
Able with minor adjustments	2	0	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

		Part3					
Part2		No adj Minor adj Sub adj Not Applicat					
	No adj						
	Minor adj	1D, 1A					
	Sub adj						

Test Statistics(b)

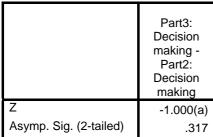
	Part3: Problem solving - Part2: Problem solving
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

13.11 Decision making

	Part 3: Decision making					
Part 2: Decision making	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable		
Able with no adjustments	9	1	0	0		
Able with minor adjustments	3	2	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

		Part3					
Part2		No adj	Minor adj	Sub adj	Not Applicable		
	No adj		1UD				
	Minor adj	1A, 2ND	1D, 1LD				
	Sub adj						

Test Statistics(b)



13.12 Social skills

	Part 3: Social skills					
Part 2: Social skills	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable		
Able with no adjustments	9	0	0	0		
Able with minor adjustments	4	2	0	0		
Able with substantial adjustments	0	0	0	0		
Not applicable	0	0	0	0		

		Part3						
Part2		No adj	Minor adj	Sub adj	Not Applicable			
	No adj							
	Minor adj	1D, 2UD, 1LD	1D, 1A					
	Sub adj							

Test Statistics(b)

	Part3: Social skills - Part2: Social skills
Z	-2.000(a)
Asymp. Sig. (2-tailed)	.046

APPENDIX II:

RESULTS OF THE STATISTICAL COMPARISONS BETWEEN THE PART 4 DOCUMENTS

1. SITE RECORDS

1.1 Comprehending site records

		Cor	nprehe	nding s	site reco	ords – S	Supervi	sor Sco	ores
		1	2	3	4	5	6	7	NA
s S	1								
score	2								
te re ores	3								
ng si It Sc	4				2	2			
endir uden	5			1	2				
rehe - Stu	6				2	3	2		
Comprehending site records – Student Scores	7								
ŏ	NA								

Report

Comprehendin	ig site records			
Score	Mean	Ν	Std. Deviation	Median
Student	5.21	14	.893	5.50
Supervisor	4.57	14	.852	4.50
Total	4.89	28	.916	5.00

Test Statistics(b)

	Comprehend ing site records - supervisor - Comprehend ing site records - student
Z	-2.070(a)
Asymp. Sig. (2-tailed)	.038

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

			Comprehen ding site records - student	Comprehen ding site records - supervisor
Spearman's rho	Comprehending site	Correlation Coefficient	1.000	.362
	records - student	Sig. (1-tailed)		.102
		Ν	14	14
	Comprehending site records - supervisor	Correlation Coefficient	.362	1.000
		Sig. (1-tailed)	.102	
		Ν	14	14

1.2 Completing site records - descriptions

			Comp		site reco uperviso			ions –	
		1	2	3	4	5	6	7	NA
	1								
Completing site records - descriptions – Student Scores	2								
eco s –	3						1		
site r tion: Scc	4				3	1			
ing s scrip dent	5			1	1	1			
pleti des Stud	6				2		3		
Com	7			1					
	NA								

Report

Completing site records - descriptions

Score	Mean	Ν	Std. Deviation	Median
Student	5.07	14	1.141	5.00
Supervisor	4.57	14	1.089	4.00
Total	4.82	28	1.124	5.00

Test Statistics(b)

	Completing site records - descriptions - supervisor - Completing site records - descriptions - student
Z	-1.109(a)
Asymp. Sig. (2-tailed)	.268

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Completing site records - descriptions - student	Completing site records - descriptions - supervisor
Spearman's rho	Completing site records -	Correlation Coefficient	1.000	068
	descriptions - student	Sig. (1-tailed)		.409
		Ν	14	14
	Completing site records -	Correlation Coefficient	068	1.000
	descriptions - supervisor	Sig. (1-tailed)	.409	
		Ν	14	14

1.3 Completing site records - numerical data

			Comple		te recor uperviso			data –	
		1	2	3	4	5	6	7	NA
	1								
Completing site records - numerical data – Student Scores	2								
ecor ta - res	3								1
site r al da Sco	4				2	1	1		
ng s erica dent	5			1	1	1			
pleti Stuc	6				3	2	1		
Lon	7								
	NA								

Completing sit	site records - numerical data						
Score	Mean	Ν	Std. Deviation	Median			
Student	5.00	14	1.038	5.00			
Supervisor	4.54	13	.877	4.00			
Total	4.78	27	.974	5.00			

Completing site records - numerical data

Test Statistics(b)

	Completing site records - numerical data - supervisor - Completing site records - numerical data - student
Z	-1.582(a)
Asymp. Sig. (2-tailed)	.114

a Based on positive ranks. b Wilcoxon Signed Ranks Test

Correlations

			Completing site records - numerical data - student	Completing site records - numerical data - supervisor
Spearman's rho	Spearman's rho Completing site records - numerical data - student	Correlation Coefficient	1.000	.019
		Sig. (1-tailed)		.475
		Ν	14	13
	Completing site records - numerical data - supervisor	Correlation Coefficient	.019	1.000
		Sig. (1-tailed)	.475	
		N	13	13

1.4 Read and understand maps and plans accurately

		Rea	d and u		and ma uperviso			accurate	əly —
		1	2	3	4	5	6	7	NA
S	1								
Read and understand maps and plans accurately – Student Scores	2								
and ratel vres	3					1			
erste ccui	4				1		1		1
and understand plans accurate Student Scores	5			1	3				
and I pla Stuc	6				1	2	1		1
ano	7								
Ъ,	NA								

1 missing value

Report

Read and understand maps and plans accurately							
Score	Mean	Ν	Std. Deviation	Median			
Student	5.00	13	1.000	5.00			
Supervisor	4.58	12	.900	4.50			
Total	4.80	25	.957	5.00			

d nla ام _ -+ nd atalı

Test Statistics(b)

	Read and understand maps and plans accurately - supervisor - Read and understand maps and plans accurately - student
Z	913(a)
Asymp. Sig. (2-tailed)	.361

			Read and understand maps and plans accurately - student	Read and understand maps and plans accurately - supervisor
Spearman's rho	Read and understand	Correlation Coefficient	1.000	.096
	maps and plans accurately - student	Sig. (1-tailed)		.389
		Ν	13	11
	Read and understand	Correlation Coefficient	.096	1.000
	maps and plans accurately - supervisor	Sig. (1-tailed)	.389	
		Ν	11	12

1.5 Understanding of what is involved in putting together site records and the overall outcomes

		Unde		ecords		e overal	d in put l outcor es		ether
		1	2	3	4	5	6	7	NA
site	1								
0 9	2								
wha geth over nt Sc	3								
ng of ng to the uder	4				2	1			
andir outtir and - St	5			1	1	1	1		
Understanding of what is olved in putting together records and the overall utcomes – Student Score	6		1		1	2	2		
Understanding of what i involved in putting together records and the overall outcomes – Student Scor	7								
inv o	NA								

1 missing value

Report

Understanding of what is involved in putting together site records and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	5.23	13	.832	5.00
Supervisor	4.57	14	1.158	5.00
Total	4.89	27	1.050	5.00

Test Statistics(b)

	Understanding of what is involved in putting together site records and the overall outcomes - supervisor - Understanding of what is involved in putting together site records and the overall outcomes - student
Z	-1.725(a)
Asymp. Sig. (2-tailed)	.084

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Understandin g of what is involved in putting together site records and the overall outcomes - student	Understandin g of what is involved in putting together site records and the overall outcomes - supervisor
Spearman's rho	Understanding of what is involved in putting	Correlation Coefficient	1.000	.212
	together site records and the overall outcomes -	Sig. (1-tailed)		.243
	student	Ν	13	13
	Understanding of what is involved in putting	Correlation Coefficient	.212	1.000
	together site records and the overall outcomes -	Sig. (1-tailed)	.243	
	supervisor	Ν	13	14

2. EXCAVATION

2.1 Cutting turf

			С	utting to	urf – Su	uperviso	or Score	es	
		1	2	3	4	5	6	7	NA
	1								
	2								
res	3								
l turf Sco	4								1
Cutting turf – Student Scores	5								
Stuc	6								
	7								
	NA								13

Report

Cutting turf				
Score	Mean	Ν	Std. Deviation	Median
Student	4.00	1		4.00
Total	4.00	1	-	4.00

2.2 Lifting turf

			L	ifting tu	ırf – Su	perviso	r Score	s	
		1	2	3	4	5	6	7	NA
	1								
	2								
Les	3								
turf Sco	4								1
Lifting turf – Student Scores	5								
Stuc	6								
	7							·	
	NA								13

Report

_	Lifting turf				
	Score	Mean	Ν	Std. Deviation	Median
	Student	3.00	1		3.00
	Total	3.00	1		3.00

		Exca	avation		tools (p upervise			draw ho	oe) –
		1	2	3	4	5	6	7	NA
Ϋ́,	1								
Excavation - large tools (pick, mattock, draw hoe) – Student Scores	2								
tools hoe) rres	3								
rge 1 aw Sco	4				1	1	2		1
k, dı Jent	5						1		
ation - lar, attock, dra Student (6				1				1
me	7				1	1	1		
х Ш	NA					1			2

5.00 5.00

5.00

1.123

2.3 Excavation - large tools (pick, mattock, draw hoe)

Report

21

Excavation with large tools - pick axe, mattock, etc						
Score	Mean	Ν	Std. Deviation	Median		
Student	5.27	11	1.348	5.00		
Supervisor	5.10	10	.876	5.00		

Test Statistics(b)

5.19

	Excavation with large tools - pick axe, mattock, etc - supervisor - Excavation with large tools - pick axe, mattock, etc - student
Z	427(a)
Asymp. Sig. (2-tailed)	.669

Total

			Excavation with large tools - pick axe, mattock, etc - student	Excavation with large tools - pick axe, mattock, etc - supervisor
Spearman's rho	Excavation with large tools	Correlation Coefficient	1.000	185
	 pick axe, mattock, etc - student 	Sig. (1-tailed)		.317
	Student	Ν	11	9
	Excavation with large tools	Correlation Coefficient	185	1.000
	 pick axe, mattock, etc - supervisor 	Sig. (1-tailed)	.317	
		Ν	9	10

2.4 Excavation - small tools (trowelling)

			Excavation - small tools (trowelling) – Supervisor Scores						
		1	2	3	4	5	6	7	NA
	1								
Excavation - small tools (trowelling) - Student Scores	2								
all to g) cores	3								
- sm elling nt Sc	4				1		1		
ion - rowe uder	5				1		2		
avat (ti - Stu	6				1	2	1		
со ХШ	7				3	1	1		
	NA								

Report

Excavation with small tools - trowelling							
Score	Mean	Ν	Std. Deviation	Median			
Student	5.86	14	1.099	6.00			
Supervisor	4.93	14	.917	5.00			
Total	5.39	28	1.100	5.50			

Test Statistics(b)

	Excavation with small tools - trowelling - supervisor - Excavation with small tools - trowelling - student
Z	-1.915(a)
Asymp. Sig. (2-tailed)	.056

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Excavation with small tools - trowelling - student	Excavation with small tools - trowelling - supervisor
Spearman's rho		Correlation Coefficient	1.000	255
	- trowelling - student	Sig. (1-tailed)		.189
		Ν	14	14
	Excavation with small tools	Correlation Coefficient	255	1.000
	- trowelling - supervisor	Sig. (1-tailed)	.189	
		N	14	14

2.5 Discerning stratigraphy

		Γ	Discern	ing stra	tigraph	y – Sup	pervisor	Score	S
		1	2	3	4	5	6	7	NA
	1								
	2								
jrap res	3						1		
Sco	4				1	2			
ng st dent	5				2	2			
ernir Stud	6				1	1	1		
Discerning stratigraphy Student Scores	7		1			2			
	NA								

Discerning stratigraphy

Score	Mean	Ν	Std. Deviation	Median
Student	5.29	14	1.267	5.00
Supervisor	4.64	14	1.008	5.00
Total	4.96	28	1.170	5.00

Test Statistics(b)

	Discerning stratigraphy - supervisor - Discerning stratigraphy - student
Z	-1.294(a)
Asymp. Sig. (2-tailed)	.196

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Discerning stratigraphy - student	Discerning stratigraphy - supervisor
Spearman's rho	Discerning stratigraphy -	Correlation Coefficient	1.000	195
	student	Sig. (1-tailed)		.252
		Ν	14	14
	Discerning stratigraphy -	Correlation Coefficient	195	1.000
	supervisor	Sig. (1-tailed)	.252	
		Ν	14	14

2.6 Using a sprayer

		Using a sprayer – Supervisor Scores							
		1	2	3	4	5	6	7	NA
	1								
	2								
Using a sprayer – Student Scores	3								
spray	4				1				
g a s dent	5				1	1			2
Jsinę Stud	6						1		
	7				3	1			
	NA					1		1	2

Using a spraye	er			
Score	Mean	Ν	Std. Deviation	Median
Student	5.80	10	1.135	5.50
Supervisor	4.80	10	1.033	4.50
Total	5.30	20	1.174	5.00

Test Statistics(b)

	Using a sprayer - supervisor - Using a sprayer - student
Z	-2.060(a)
Asymp. Sig. (2-tailed)	.039

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Using a sprayer - student	Using a sprayer - supervisor
Spearman's rho	Using a sprayer - student	Correlation Coefficient	1.000	074
		Sig. (1-tailed)		.431
		Ν	10	8
	Using a sprayer -	Correlation Coefficient	074	1.000
	supervisor	Sig. (1-tailed)	.431	
		Ν	8	10

2.7 Dry sieving

			D	ry sievi	ng – Sı	uperviso	or Score	es	
		1	2	3	4	5	6	7	NA
	1								
	2								
Les	3								
ving Sco	4								4
Dry sieving – Student Scores	5								1
Stuc	6								3
	7							·	3
	NA								2

1 missing value

Dry sieving				
Score	Mean	Ν	Std. Deviation	Median
Student	5.45	11	1.293	6.00
Total	5.45	11	1.293	6.00

2.8 Disposal of spoil

			Disp	osal of	spoil –	Superv	isor Sc	ores	
		1	2	3	4	5	6	7	NA
	1								
	2								
ooil -	3								
of sp Sco	4				1		1		
Disposal of spoil Student Scores	5					1	3		
Stuc	6				1	3			
	7				2	2			
	NA								

Report

Disposal of spo	oil			
Score	Mean	Ν	Std. Deviation	Median
Student	5.71	14	1.069	6.00
Supervisor	5.00	14	.784	5.00
Total	5.36	28	.989	5.00

Test Statistics(b)

	Disposal of spoil - supervisor - Disposal of spoil - student
Z	-1.597(a)
Asymp. Sig. (2-tailed)	.110

			Disposal of spoil - student	Disposal of spoil - supervisor
Spearman's rho	Disposal of spoil -	Correlation Coefficient	1.000	486(*)
	student	Sig. (1-tailed)		.039
		Ν	14	14
	Disposal of spoil -	Correlation Coefficient	486(*)	1.000
	supervisor	Sig. (1-tailed)	.039	
		Ν	14	14

* Correlation is significant at the 0.05 level (1-tailed).

2.9 Understanding of what is involved in the process of excavation and the overall outcomes

	Understanding of what is involved in the process of excavation and the overall outcomes – Supervisor Scores						ss of		
		1	2	3	4	5	6	7	NA
	1								
ding of what is the process of and the overall Student Scores	2								
what bces e ov	3								
ie pr ie pr id th tudei	4				1	1			
	5				1	1	3		
Understanding of what is involved in the process of excavation and the overall utcomes – Student Score.	6					2			
Understa involved excavatio outcomes	7			1	1	3			
0	NA								

Report

Understanding of what is involved in the process of excavation and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	5.71	14	1.139	5.50
Supervisor	4.86	14	.864	5.00
Total	5.29	28	1.084	5.00

Test Statistics(b)

7	Understanding of what is involved in the process of excavation and the overall outcomes - supervisor - Understanding of what is involved in the process of excavation and the overall outcomes - student
Z	-1.847(a)
Asymp. Sig. (2-tailed)	.065

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Understandin g of what is involved in the process of excavation and the overall outcomes - student	Understandin g of what is involved in the process of excavation and the overall outcomes - supervisor
Spearman's rho	Understanding of what is involved in the process of	Correlation Coefficient Sig. (1-tailed)	1.000	244
	excavation and the overall			.200
	outcomes - student	Ν	14	14
	Understanding of what is	Correlation Coefficient	244	1.000
	involved in the process of excavation and the overall	Sig. (1-tailed)	.200	
	outcomes - supervisor	N	14	14

3. PLANNING AND SECTION DRAWING

3.1 Drawing an archaeological plan

		Draw	ving an	archae	ologica	l plan –	Super	visor So	cores
		1	2	3	4	5	6	7	NA
_	1								
gica	2								
eolo	3					1			
rchaeolc n – Scores	4			1		2			
ng an ai plar Student	5				3		1		
Drawing an archaeologica plan – Student Scores	6				1	1	2	1	
	7						1		
Δ	NA								

Report

Drawing an archaeological plan

Score	Mean	Ν	Std. Deviation	Median
Student	5.14	14	1.099	5.00
Supervisor	4.85	13	.987	5.00
Total	5.00	27	1.038	5.00

Test Statistics(b)

	Drawing an archaeologic al plan - supervisor - Drawing an archaeologic al plan - student
Z	711(a)
Asymp. Sig. (2-tailed)	.477

			Drawing an archaeologic al plan - student	Drawing an archaeologic al plan - supervisor
Spearman's rho	Drawing an	Correlation Coefficient	1.000	.404
	archaeological plan - student	Sig. (1-tailed)		.086
	- Sludeni	Ν	14	13
	Drawing an	Correlation Coefficient	.404	1.000
	archaeological plan - supervisor	Sig. (1-tailed)	.086	
		N	13	13

3.2 Section Drawing

		Section Drawing – Supervisor Scores							
		1	2	3	4	5	6	7	NA
	1								
	2								
ing - res	3								
Sco	4						1	1	3
Section Drawing Student Scores	5								2
Stuc	6		1		1	1			1
S	7						1		
	NA								2

Report

Section drawing								
Score	Mean	Ν	Std. Deviation	Median				
Student	5.08	12	1.084	5.00				
Supervisor	5.00	6	1.789	5.50				
Total	5.06	18	1.305	5.00				

Test Statistics(b)

	Section drawing - supervisor - Section drawing - student
Z	422(a)
Asymp. Sig. (2-tailed)	.673

			Section drawing - student	Section drawing - supervisor
Spearman's rho	Section drawing - student	Correlation Coefficient	1.000	423
		Sig. (1-tailed)		.202
		Ν	12	6
	Section drawing -	Correlation Coefficient	423	1.000
	supervisor	Sig. (1-tailed)	.202	
		Ν	6	6

3.3 Taking off-sets

			Tak	ing off-	sets – S	Supervi	sor Sco	ores	
		1	2	3	4	5	6	7	NA
	1								
	2								
res	3								
ff-se Sco	4					1	1		2
Taking off-sets – Student Scores	5					1			1
Stuc	6					2			
	7								
	NA				1	1			4

Report

Taking off-sets								
Score	Mean	N	Std. Deviation	Median				
Student	4.75	8	.886	4.50				
Supervisor	5.00	7	.577	5.00				
Total	4.87	15	.743	5.00				

Test Statistics(b)

	Taking off- sets - supervisor - Taking off- sets - student
Z	378(a)
Asymp. Sig. (2-tailed)	.705

			Taking off- sets - student	Taking off- sets - supervisor
Spearman's rho	Taking off-sets - student	Correlation Coefficient	1.000	559
		Sig. (1-tailed)		.164
		Ν	8	5
	Taking off-sets - supervisor	Correlation Coefficient	559	1.000
		Sig. (1-tailed)	.164	
		Ν	5	7

3.4 Understanding of what is involved in the process of site planning and the overall outcomes

		Und		ling of v anning Sເ		e overa	ll outco		ss of
		1	2	3	4	5	6	7	NA
9 0	1								
ding of what is e process of site nd the overall Student Scores	2								
wha ess (ove ove	3								
ng of proc the the	4					1			
andir the and - St	5				2	3	1		
Understanding of what is olved in the process of s planning and the overall utcomes – Student Score	6			1	2		1		
Understanding of what is involved in the process of s planning and the overall outcomes – Student Score	7					3			
<u> </u>	NA								

Report

Understanding of what is involved in the process of site planning and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	5.64	14	.929	5.50
Supervisor	4.71	14	.825	5.00
Total	5.18	28	.983	5.00

Test Statistics(b)

	Understanding of what is involved in the process of site planning and the overall outcomes - supervisor - Understanding of what is involved in the process of site planning and the overall outcomes - student
Z	-2.339(a)
Asymp. Sig. (2-tailed)	.019

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Understanding of what is involved in the process of site planning and the overall outcomes - student	Understanding of what is involved in the process of site planning and the overall outcomes - supervisor
Spearman's rho	Understanding of what is involved in the process of site planning and the overall outcomes -	Correlation Coefficient Sig. (1-tailed)	1.000	048 .435
	student	Ν	14	14
	Understanding of what is involved in the process of	Correlation Coefficient Sig. (1-tailed)	048	1.000
	site planning and the overall outcomes -		.435	
	supervisor	N	14	14

4. PROCESSING OF ARTEFACTS

4.1 Washing artefacts

		Washing artefacts – Supervisor Scores							
		1	2	3	4	5	6	7	NA
	1								
I	2								
acts res	3								
Sco	4								2
Washing artefacts Student Scores	5					1			1
ashi Stuc	6					1			2
\geq	7					1			4
	NA								2

Report

Washing artefacts									
Score	Mean	Ν	Std. Deviation	Median					
Student	5.92	12	1.165	6.00					
Supervisor	5.00	3	.000	5.00					
Total	5.73	15	1.100	6.00					

Test Statistics(b)

	Washing artefacts - supervisor - Washing artefacts - student
Z	-1.342(a)
Asymp. Sig. (2-tailed)	.180

4.2 Sorting artefacts

		Sorting artefacts – Supervisor Scores							
		1	2	3	4	5	6	7	NA
	1								
	2								
cts - ires	3								
tefa Sco	4								1
Sorting artefacts Student Scores	5					2			3
Stuc	6								3
S S	7								3
	NA								2

Report

Sorting artefacts										
Score	Mean	Ν	Std. Deviation	Median						
Student	5.67	12	.985	5.50						
Supervisor	5.00	2	.000	5.00						
Total	5.57	14	.938	5.00						

4.3 Identifying artefacts

		Identifying artefacts – Supervisor Score							
		1	2	3	4	5	6	7	NA
	1								
1	2								
Identifying artefacts Student Scores	3								
Sco	4								1
'ing dent	5			1			1		4
Stuc	6								4
Ide	7				1	1			
	NA					1			

Report

Identifying arte	Identifying artefacts											
Score	Mean	Ν	Std. Deviation	Median								
Student	5.54	13	.877	5.00								
Supervisor	4.60	5	1.140	5.00								
Total	5.28	18	1.018	5.00								

Test Statistics(b)

	Identifying artefacts - supervisor - Identifying artefacts - student
Z	-1.473(a)
Asymp. Sig. (2-tailed)	.141

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Identifying artefacts - student	Identifying artefacts - supervisor
Spearman's rho	Identifying artefacts -	Correlation Coefficient	1.000	.000
	student	Sig. (1-tailed)		.500
		Ν	13	4
	Identifying artefacts -	Correlation Coefficient	.000	1.000
	supervisor	Sig. (1-tailed)	.500	
		Ν	4	5

4.4 Understanding of what is involved in the processing of artefacts and the overall outcomes

		Unde	Understanding of what is involved in the processing of artefacts and the overall outcomes – Supervisor Scores							
		1	2	3	4	5	6	7	NA	
*	1									
anding of what is the processing of and the overall – Student Scores	2									
wha sessi ove nt Sc	3									
proc proc the the	4								1	
andir the and - St	5						1		3	
Understanding of what is volved in the processing artefacts and the overall utcomes – Student Score	6					1			4	
Understanding of what is involved in the processing artefacts and the overal outcomes – Student Scor	7				2				1	
.드 0	NA								1	

Report

Understanding of what is involved in the processing of artefacts and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	5.77	13	.927	6.00
Supervisor	4.75	4	.957	4.50
Total	5.53	17	1.007	6.00

Test Statistics(b)

7	Understanding of what is involved in the processing of artefacts and the overall outcomes - supervisor - Understanding of what is involved in the processing of artefacts and the overall outcomes - student
Z	-1.300(a)
Asymp. Sig. (2-tailed)	.194

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Understanding of what is involved in the processing of artefacts and the overall outcomes - student	Understanding of what is involved in the processing of artefacts and the overall outcomes - supervisor
Spearman's rho	Understanding of what is involved in the processing of artefacts and the overall outcomes - student	Correlation Coefficient Sig. (1-tailed) N	1.000 13	-1.000(**) .000 4
	Understanding of what is involved in the processing of artefacts and the overall outcomes - supervisor	Correlation Coefficient Sig. (1-tailed) N	-1.000(**) .000 4	1.000 4

** Correlation is significant at the 0.01 level (1-tailed).

5. ENVIRONMENTAL SAMPLING

5.1 Flotation and wet sieving

		F	lotation	and we	et sievir	ng – Su	perviso	or Score	es
		1	2	3	4	5	6	7	NA
	1								
- gui	2								
siev	3								
wet Sco	4								2
and dent	5								2
Stuc	6						1		3
Flotation and wet sieving Student Scores	7								3
	NA								3

Report

Flotation and wet sieving

Score	Mean	Ν	Std. Deviation	Median
Student	5.73	11	1.104	6.00
Supervisor	6.00	1		6.00
Total	5.75	12	1.055	6.00

5.2 Sorting material

			Sorting material – Supervisor Scores							
		1	2	3	4	5	6	7	NA	
	1									
	2									
res	3									
Sco	4								3	
Sorting material - Student Scores	5								2	
Stuc	6								5	
	7						1		2	
	NA								1	

Report

Sorting material

Score	Mean	Ν	Std. Deviation	Median
Student	5.62	13	1.121	6.00
Supervisor	6.00	1		6.00
Total	5.64	14	1.082	6.00

5.3 Understanding of what is involved in the process of environmental sampling and the overall outcomes

			Understanding of what is involved in the process of environmental sampling and the overall outcomes – Supervisor Scores							
		1	2	3	4	5	6	7	NA	
he t	1									
it is s of and t deni	2									
wha oces ing a Stu	3									
ng of e pro ampl es –	4								3	
andir in th al sa com	5						1		1	
Understanding of what is involved in the process of environmental sampling and the overall outcomes – Student A 2 9 5 7 -	6						1		5	
Und invol 'ironı vera	7								3	
env	NA									

Report

Understanding of what is involved in the process of environmental sampling and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	5.64	14	1.082	6.00
Supervisor	6.00	2	.000	6.00
Total	5.69	16	1.014	6.00

6. SURVEYING

6.1 Using tape measures

			Using tape measures – Supervisor Scores						
		1	2	3	4	5	6	7	NA
	1								
် ပ	2								
Using tape measures Student Scores	3					1			
Sco	4						1		
ape r dent	5				1	1			2
Stuc	6						3		2
Usir	7				1	1			1
	NA								

Report

Using tape measures									
Score	Mean	Ν	Std. Deviation	Median					
Student	5.57	14	1.158	6.00					
Supervisor	5.22	9	.833	5.00					
Total	5.43	23	1.037	6.00					

Test Statistics(b)

	Using tape measures - supervisor - Using tape measures - student
Z	412(a)
Asymp. Sig. (2-tailed)	.680

a Based on positive ranks.b Wilcoxon Signed Ranks Test

		Using tape measures - student	Using tape measures - supervisor
 Using tape measures -	Correlation Coefficient	1.000	091
student	Sig. (1-tailed)		.408
	Ν	14	9
Using tape measures -	Correlation Coefficient	091	1.000
supervisor	Sig. (1-tailed)	.408	
	Ν	9	9

6.2 Using ranging poles

			Using	ranging	g poles	– Supe	rvisor S	Scores	
		1	2	3	4	5	6	7	NA
	1								
1	2								
Jsing ranging poles Student Scores	3								1
ng p Sco	4								3
angi dent	5								2
ng r Stuc	6								4
Usi	7								3
	NA								1

Report

Using ranging poles

Score	Mean	Ν	Std. Deviation	Median
Student	5.38	13	1.325	6.00
Total	5.38	13	1.325	6.00

6.3 Accurate recording of measurements

			Accu	rate rec Sເ	cording upervise			ents –	
		1	2	3	4	5	6	7	NA
	1								
, of	2						1		
Accurate recording c measurements – Student Scores	3								
ecor mer Sco	4						1		1
te re sure dent	5				1	1	1		1
cura nea: Stuc	6					1	1		3
Ac	7				1	1			
	NA								

Report

Accurate recording of measurements

Score	Mean	Ν	Std. Deviation	Median
Student	5.29	14	1.326	5.50
Supervisor	5.22	9	.833	5.00
Total	5.26	23	1.137	5.00

Test Statistics(b)

	Accurate recording of measurements - supervisor - Accurate recording of measurements - student
Z	085(a)
Asymp. Sig. (2-tailed)	.932

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Accurate recording of measurement s - student	Accurate recording of measurements - supervisor
Spearman's rho	Accurate recording of	Correlation Coefficient	1.000	530
	measurements - student	Sig. (1-tailed)		.071
		Ν	14	9
	Accurate recording of	Correlation Coefficient	530	1.000
	measurements - supervisor	Sig. (1-tailed)	.071	
		N	9	9

6.4 Understanding of what is involved in the process of surveying and the overall outcomes

	Und		eying a	what is and the upervise	overall	outcom		ss of	
		1	2	3	4	5	6	7	NA
	1								
ding of what is the process of and the overall Student Scores	2								
wha oces ove nt Sc	3								
e pro e pro d the uder	4					1			1
Understanding of what is involved in the process of surveying and the overall outcomes – Student Score	5					1	2		2
	6					1			2
	7				2	1			1
0	NA								

Report

Understanding of what is involved in the process of surveying and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	5.64	14	1.082	5.50
Supervisor	5.00	8	.756	5.00
Total	5.41	22	1.008	5.00

Test Statistics(b)

	Understanding of what is involved in the process of surveying and the overall outcomes - supervisor - Understanding of what is involved in the process of surveying and the overall outcomes - student
Z	-1.121(a)
Asymp. Sig. (2-tailed)	.262

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Understanding of what is involved in the process of surveying and the overall outcomes - student	Understanding of what is involved in the process of surveying and the overall outcomes - supervisor
Spearman's rho	rho Understanding of what is involved in the process of surveying and the overall outcomes - student	Correlation Coefficient	1.000	649(*)
		Sig. (1-tailed)		.041
		Ν	14	8
	Understanding of what is	Correlation Coefficient	649(*)	1.000
surveying	involved in the process of surveying and the overall	Sig. (1-tailed)	.041	
outcomes - supervisor		Ν	8	8

* Correlation is significant at the 0.05 level (1-tailed).

7. INSTRUMENT SURVEY

7.1 Using a level

		Using a level – Supervisor Scores							
		1	2	3	4	5	6	7	NA
	1								
Using a level – Student Scores	2								
	3					1			
	4							1	
	5				1	3	1		1
	6					1	1		
	7				1	1			1
	NA						1		

Report

Using a level				
Score	Mean	Ν	Std. Deviation	Median
Student	5.38	13	1.193	5.00
Supervisor	5.25	12	.866	5.00
Total	5.32	25	1.030	5.00

Test Statistics(b)

	Using a level - supervisor - Using a level - student
Z	171(a)
Asymp. Sig. (2-tailed)	.864

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Using a level - student	Using a level - supervisor
Spearman's rho	Using a level - student	Correlation Coefficient	1.000	315
		Sig. (1-tailed)		.173
		Ν	13	11
	Using a level - supervisor	Correlation Coefficient	315	1.000
		Sig. (1-tailed)	.173	
		Ν	11	12

7.2 Using a Total Station

			Using a Total Station – Supervisor Scores						
		1	2	3	4	5	6	7	NA
	1								
	2								
ation	3								
al Si Sco	4				1	1	1		2
Tot	5					1	1		1
Using a Total Station Student Scores	6								1
	7								1
	NA					1			3

Report

Using a Total Station						
Score	Mean	Ν	Std. Deviation	Median		
Student	4.80	10	1.033	4.50		
Supervisor	5.17	6	.753	5.00		
Total	4.94	16	.929	5.00		

Test Statistics(b)

	Using a Total Station - supervisor - Using a Total Station - student
Z	-1.633(a)
Asymp. Sig. (2-tailed)	.102

a Based on negative ranks. b Wilcoxon Signed Ranks Test

			Using a Total Station - student	Using a Total Station - supervisor
	Using a Total Station	Correlation Coefficient	1.000	.304
	- student	Sig. (1-tailed)		.309
		Ν	10	5
	Using a Total Station	Correlation Coefficient	.304	1.000
	- supervisor	Sig. (1-tailed)	.309	
		Ν	5	6

7.3 Using a prismatic compass

		Us	ing a p	rismatio	c compa	ass – S	upervis	or Sco	res
		1	2	3	4	5	6	7	NA
I	1								
Jass	2								
somp	3								
Sco	4								4
sma dent	5								2
Jsing a prismatic compass Student Scores	6								2
	7								
n°	NA								6

Report

Using a prismatic compass

Score	Mean	Ν	Std. Deviation	Median
Student	4.75	8	.886	4.50
Total	4.75	8	.886	4.50

7.4 Using an optical square

		ι	Using an optical square – Supervisor Scores						
		1	2	3	4	5	6	7	NA
	1								
- Ire -	2								
squa	3								
cal s Sco	4								4
opti dent	5								2
g an Stuc	6								2
Using an optical square Student Scores	7								
	NA								6

Report

Using an optical square

Score	Mean	Ν	Std. Deviation	Median
Student	4.75	8	.886	4.50
Total	4.75	8	.886	4.50

7.5 Accurate recording of measurements

Accurate recording of measurements – Supervisor Scores									
		1	2	3	4	5	6	7	NA
	1								
of	2								
ding its – res	3					1			
men Sco	4						1		1
te re sure dent	5					3		1	
cura nea: Stuc	6				1	2			2
Accurate recording of measurements – Student Scores	7								
	NA						1		

1 missing value

Report

Accurate recording of measurements

Score	Mean	Ν	Std. Deviation	Median
Student	5.15	13	.987	5.00
Supervisor	5.30	10	.823	5.00
Total	5.22	23	.902	5.00

Test Statistics(b)

	Accurate recording of measurements - supervisor - Accurate recording of measurements - student
Z	649(a)
Asymp. Sig. (2-tailed)	.516

a Based on negative ranks.b Wilcoxon Signed Ranks Test

Correlations

			Accurate recording of measurement s - student	Accurate recording of measurements - supervisor	
Spearman's rho	Accurate recording of	Correlation Coefficient	1.000	490	
	measurements - student	measurements - student	Sig. (1-tailed)		.090
		Ν	13	9	
	Accurate recording of	Correlation Coefficient	490	1.000	
	measurements - supervisor	Sig. (1-tailed)	.090		
		N	9	10	

7.6 Understanding of what is involved in the process of instrument survey and the overall outcomes

	Understanding of what is involved in the process instrument survey and the overall outcomes – Supervisor Scores								
		1	2	3	4	5	6	7	NA
	1								
tt is s of the dent	2								
wha oces and - Stu	3								
ng of e pro rvey nes –	4				1	1			1
andir in th nt su tcorr	5				1	2	1		1
Understanding of what is involved in the process of instrument survey and the overall outcomes – Student d b b c b c c c	6					1			2
	7				1	1			
0	NA					1			

Report

Understanding of what is involved in the process of instrument survey and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	5.31	13	1.032	5.00
Supervisor	4.80	10	.632	5.00
Total	5.09	23	.900	5.00

Test Statistics(b)

7	Understanding of what is involved in the process of instrument survey and the overall outcomes - supervisor - Understanding of what is involved in the process of instrument survey and the overall outcomes - student
Z	-1.186(a)
Asymp. Sig. (2-tailed)	.236

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Understanding of what is involved in the process of instrument survey and the overall outcomes - student	Understanding of what is involved in the process of instrument survey and the overall outcomes - supervisor
Spearman's rho	rman's rho Understanding of what is involved in the process of instrument survey and the overall outcomes - student Understanding of what is involved in the process of instrument survey and the overall outcomes -	Correlation Coefficient Sig. (1-tailed) N	1.000 13	.010 .490 9
		Correlation Coefficient Sig. (1-tailed)	.010 .490	1.000
	supervisor	Ν	9	10

8. SURFACE SURVEY

8.1 Field walking

			Field walking – Supervisor Scores							
		1	2	3	4	5	6	7	NA	
	1									
	2									
Field walking – Student Scores	3									
Sco	4									
d wa dent	5									
Field	6									
	7									
	NA								14	

8.2 Field survey

			Field survey – Supervisor Scores								
		1	2	3	4	5	6	7	NA		
	1										
	2										
Field survey – Student Scores	3										
Sco	4										
ld su dent	5										
Fiel	6										
	7										
	NA								14		

8.3 Understanding of what is involved in the process of field survey and the overall outcomes

		Und		survey	and the	involve overall or Scor	loutcor		ss of
		1	2	3	4	5	6	7	NA
ld Ig									
it is of fie tcom	2								
g of wha rocess c erall out Scores	3								
ng of proce vera t Scc	4								1
Understanding of what is involved in the process of field survey and the overall outcomes – Student Scores	5								1
lersta ed in and t - Stu	6								
Und /olve vey :	7								
inv sur	NA								12

Report

Understanding of what is involved in the process of field survey and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	4.50	2	.707	4.50
Total	4.50	2	.707	4.50

9. GEOPHYSICAL SURVEY

9.1 Using a magnetometer

		ι	Jsing a	magne	etomete	er – Sup	ervisor	Score	6
		1	2	3	4	5	6	7	NA
	1								
Using a magnetometer – Student Scores	2								
	3								
	4								1
mag dent	5								3
g a Stuc	6								2
Jsin	7								
_	NA								8

Report

Using a magnetometer

Score	Mean	Ν	Std. Deviation	Median
Student	5.17	6	.753	5.00
Total	5.17	6	.753	5.00

9.2 Using a resistance meter

		U	Using a resistance meter – Supervisor Scores							
		1	2	3	4	5	6	7	NA	
1	1									
eter -	2									
e me	3									
Sco	4								1	
esist dent	5								2	
a re Stuo	6								1	
Using a resistance meter Student Scores	7								1	
\supset	NA								9	

Report

Using a resistance meter

Score	Mean	Ν	Std. Deviation	Median
Student	5.40	5	1.140	5.00
Total	5.40	5	1.140	5.00

9.3 Understanding of what is involved in the process of geophysical survey and the overall outcomes

				ling of א cal sur Su	vey and		erall ou		
									NA
	1								
Understanding of what is involved in the process of geophysical survey and the overall outcomes – Student	2								
wha oces y an	3								
e pro e pro urve	4								1
andir in th ial s itcorr	5								3
lersta Ived nysic	6								3
Und invo jeopt	7								1
60	NA								6

Report

Understanding of what is involved in the process of geophysical survey and the overall outcomes

Score	Mean	Ν	Std. Deviation	Median
Student	5.50	8	.926	5.50
Total	5.50	8	.926	5.50

10. TRANSFERABLE SKILLS

10.1 Communication

			Communication – Supervisor Scores								
		1	2	3	4	5	6	7	NA		
	1										
	2										
Communication – Student Scores	3										
Sco	4					1					
nun dent	5			1		2	1	1			
Stuc	6				1		3				
0	7			1		1		1			
	NA										

1 missing value

Report

Communication										
Score	Mean	Ν	Std. Deviation	Median						
Student	5.69	13	.947	6.00						
Supervisor	5.21	14	1.251	5.00						
Total	5.44	27	1.121	5.00						

Test Statistics(b)

	Communicatio n - supervisor - Communicatio n - student
Z	-1.121(a)
Asymp. Sig. (2-tailed)	.262

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Communicatio n - student	Communica tion - supervisor
Spearman's rho	Communication - student	Correlation Coefficient	1.000	.049
		Sig. (1-tailed)		.437
		Ν	13	13
	Communication -	Correlation Coefficient	.049	1.000
	supervisor	Sig. (1-tailed)	.437	-
		Ν	13	14

10.2 Independent working

			Indepe	ndent v	working	– Supe	ervisor	Scores	
		1	2	3	4	5	6	7	NA
	1								
ן ס	2								
t Scor	3								
	4			1			1		
	5				1		1		
Stuc	6				1	2	2		
Inde	7					2	2	· · · · · · · · · · · · · · · · · · ·	
	NA								

1 missing value

Report

Independent working

Score	Mean	Ν	Std. Deviation	Median
Student	5.85	13	1.068	6.00
Supervisor	5.15	13	.987	5.00
Total	5.50	26	1.068	6.00

Test Statistics(b)

	Independent working - supervisor - Independent working - student
Z	-1.793(a)
Asymp. Sig. (2-tailed)	.073

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Independent working - student	Independent working - supervisor	
Spearman's rho	Independent working -	Correlation Coefficient	1.000	.217	
	student	student	Sig. (1-tailed)		.238
		Ν	13	13	
	Independent working -	Correlation Coefficient	.217	1.000	
	supervisor	Sig. (1-tailed)	.238		
		Ν	13	13	

10.3 Team working

		Team working – Supervisor Scores							
		1	2	3	4	5	6	7	NA
	1								
	2								
Team working – Student Scores	3						1		
Sco	4				1		1		
n wo lent	5				1		1		
Tear	6		1				4		
	7					2	1		
	NA								

1 missing value

Report

Team working								
Score	Mean	Ν	Std. Deviation	Median				
Student	5.54	13	1.266	6.00				
Supervisor	5.21	14	1.188	6.00				
Total	5.37	27	1.214	6.00				

Test Statistics(b)

	Team working - supervisor - Team working - student
Z	566(a)
Asymp. Sig. (2-tailed)	.572

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Team working - student	Team working - supervisor
Spearman's rho	Team working - student	Correlation Coefficient	1.000	062
		Sig. (1-tailed)		.420
		Ν	13	13
	Team working -	Correlation Coefficient	062	1.000
supervisor	supervisor	Sig. (1-tailed)	.420	
		Ν	13	14

10.4 Time management

			Time management – Supervisor Scores						
		1	2	3	4	5	6	7	NA
	1								
I	2							1	
Time management Student Scores	3			1					
Sco	4					2			
lent C	5				4				
ne n Stuc	6						2		
Ë	7			1		1		·	
	NA						1		

1 missing value

Report

Time management							
Score	Mean	Ν	Std. Deviation	Median			
Student	4.92	12	1.505	5.00			
Supervisor	4.79	14	1.188	5.00			
Total	4.85	26	1.317	5.00			

Test Statistics(b)

	Time management - supervisor - Time management - student
Z	795(a)
Asymp. Sig. (2-tailed)	.427

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Time management - student	Time management - supervisor
Spearman's rho	Time management -	Correlation Coefficient	1.000	076
	student	Sig. (1-tailed)		.408
		Ν	12	12
	Time management -	Correlation Coefficient	076	1.000
S	supervisor	Sig. (1-tailed)	.408	
		Ν	12	14

10.5 Adapting to a new environment

		Adap	oting to	a new	environ	ment –	Superv	visor So	cores
		1	2	3	4	5	6	7	NA
	1								
	2						1		
Adapting to a new environment – Student Scores	3								
to a men Sco	4				1	2			
ing iron	5				1				
dap env Stuc	6					2	3		
	7				1	1	1		
	NA								

1 missing value

Report

Adapting to a new environment

Score	Mean	Ν	Std. Deviation	Median
Student	5.38	13	1.502	6.00
Supervisor	5.14	14	.770	5.00
Total	5.26	27	1.163	5.00

Test Statistics(b)

	Adapting to a new environment - supervisor - Adapting to a new environment - student
Z	795(a)
Asymp. Sig. (2-tailed)	.427

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Adapting to a new environment - student	Adapting to a new environment - supervisor
Spearman's rho	Adapting to a new	Correlation Coefficient	1.000	.085
	environment - student	Sig. (1-tailed)		.391
		Ν	13	13
	Adapting to a new	Correlation Coefficient	.085	1.000
enviror	environment - supervisor	Sig. (1-tailed)	.391	
		Ν	13	14

10.6 Problem solving

		Problem solving – Supervisor Scores							
		1	2	3	4	5	6	7	NA
	1								
	2								
ing -	3								
Sco	4				1				
	5				2	3	1		
	6				2	2			
	7				2				
	NA								

1 missing value

Report

Problem solving							
Score	Mean	Ν	Std. Deviation	Median			
Student	5.54	13	.877	5.00			
Supervisor	4.50	14	.650	4.00			
Total	5.00	27	.920	5.00			

Test Statistics(b)

	Problem solving - supervisor - Problem solving - student
Z	-2.356(a)
Asymp. Sig. (2-tailed)	.018

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Problem solving - student	Problem solving - supervisor
Spearman's rho	Problem solving - student	Correlation Coefficient	1.000	248
		Sig. (1-tailed)		.207
		Ν	13	13
	Problem solving - supervisor	Correlation Coefficient	248	1.000
		Sig. (1-tailed)	.207	
		Ν	13	14

10.7 Decision making

			Decision making – Supervisor Scores							
		1	2	3	4	5	6	7	NA	
	1									
	2									
ing -	3					1				
Decision making Student Scores	4			1	1	2				
ion r lent	5				2		1			
ecis	6				1	2				
	7				2					
	NA									

1 missing value

Report

Decision making							
Score	Mean	Ν	Std. Deviation	Median			
Student	5.08	13	1.256	5.00			
Supervisor	4.43	14	.756	4.00			
Total	4.74	27	1.059	5.00			

Test Statistics(b)

	Decision making - supervisor - Decision making - student
Z	-1.299(a)
Asymp. Sig. (2-tailed)	.194

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Decision making - student	Decision making - supervisor
Spearman's rho	Decision making -	Correlation Coefficient	1.000	161
	student	Sig. (1-tailed)		.300
		Ν	13	13
	Decision making -	Correlation Coefficient	161	1.000
	supervisor	Sig. (1-tailed)	.300	
		Ν	13	14

10.8 Social skills

			Social skills – Supervisor Scores						
		1	2	3	4	5	6	7	NA
	1								
	2								
Social skills – Student Scores	3						1		
Sco	4			2			1		
cial s	5						1		
Soc	6					1	2	1	
	7				1	1	1	1	
	NA								

1 missing value

Report

Social skills				
Score	Mean	Ν	Std. Deviation	Median
Student	5.54	13	1.391	6.00
Supervisor	5.21	14	1.424	6.00
Total	5.37	27	1.391	6.00

Test Statistics(b)

	Social skills - supervisor - Social skills - student
Z	366(a)
Asymp. Sig. (2-tailed)	.715

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Social skills - student	Social skills - supervisor
Spearman's rho	Social skills - student	Correlation Coefficient	1.000	.188
		Sig. (1-tailed)		.270
		Ν	13	13
	Social skills - supervisor	Correlation Coefficient	.188	1.000
		Sig. (1-tailed)	.270	
		Ν	13	14

10.9 Analysing qualitative data

		Ai	nalysinę	g qualita	ative da	ata – Si	uperviso	or Scor	es
		1	2	3	4	5	6	7	NA
	1								
ata	2								
ve d res	3								
litati Sco	4					2			1
qua dent	5								2
Stuc	6					1			2
Analysing qualitative data Student Scores	7					1			2
A	NA								1

2 missing values

Report

Analysing qualitative data						
Score	Mean	Ν	Std. Deviation	Median		
Student	5.42	12	1.240	5.50		
Supervisor	5.00	4	.000	5.00		
Total	5.31	16	1.078	5.00		

Test Statistics(b)

	Analysing qualitative data - supervisor - Analysing qualitative data - student
Z	378(a)
Asymp. Sig. (2-tailed)	.705

a Based on positive ranks.b Wilcoxon Signed Ranks Test

10.10 Analysing quantitative data

		An	alysing	quanti	tative d	ata – S	upervis	or Sco	res
		1	2	3	4	5	6	7	NA
I	1								
data	2								
res	3								
Sco	4					2			2
quar dent	5								1
ing o	6					1			3
Analysing quantitative data Student Scores	7					1			1
An	NA								1

2 missing values

Report

Analysing quantitative data

Score	Mean	Ν	Std. Deviation	Median
Student	5.25	12	1.215	5.50
Supervisor	5.00	4	.000	5.00
Total	5.19	16	1.047	5.00

Test Statistics(b)

	Analysing quantitative data - supervisor - Analysing quantitative data - student
Z	378(a)
Asymp. Sig. (2-tailed)	.705

a Based on positive ranks.b Wilcoxon Signed Ranks Test

10.11 Analysing digital data

			Analys	ing digi	tal data	ı — Supe	ervisor	Scores	
		1	2	3	4	5	6	7	NA
	1								
ן ס	2								
dat	3								
gital Sco	4								3
ig di dent	5								2
Analysing digital data Student Scores	6								3
	7					1			1
	NA								3

1 missing value

Report

Analysing digital data

Score	Mean	Ν	Std. Deviation	Median
Student	5.40	10	1.174	5.50
Supervisor	5.00	1		5.00
Total	5.36	11	1.120	5.00

10.12 Physical stamina

			Phys	ical sta	imina –	Superv	isor So	cores	
		1	2	3	4	5	6	7	NA
	1								
	2								
ina - res	3								
Sco	4				3	2	2		
cal s dent	5				1				
Physical stamina Student Scores	6				2	1	1		
	7			1					
	NA								

Median

4.00

4.50

4.00

1.013

1 missing value

Total

Report

Physical stamina									
Score	Mean	Ν	Std. Deviation						
Student	4.92	13	1.115						
Supervisor	4.64	14	.929						

4.78	27

Test Statistics(b)

	Physical stamina - supervisor - Physical stamina - student
Z	543(a)
Asymp. Sig. (2-tailed)	.587

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Physical stamina - student	Physical stamina - supervisor
	Physical stamina -	Correlation Coefficient	1.000	330
	student Physical stamina - supervisor	Sig. (1-tailed)		.136
		Ν	13	13
		Correlation Coefficient	330	1.000
		Sig. (1-tailed)	.136	
		Ν	13	14

10.13 Mental stamina

			Mer	ntal star	mina –	Superv	isor Sco	ores	
		1	2	3	4	5	6	7	NA
	1								
	2								
ла – res	3				1				
Sco	4				2		1		
al st tent	5						1		
Mental stamina - Student Scores	6						2		
	7				4		2		
	NA								

1 missing value

Report

Mental stamina								
Score	Mean	Ν	Std. Deviation	Median				
Student	5.69	13	1.494	6.00				
Supervisor	4.86	14	1.027	4.00				
Total	5.26	27	1.318	6.00				

Test Statistics(b)

	Mental stamina - supervisor - Mental stamina - student
Z	-1.508(a)
Asymp. Sig. (2-tailed)	.132

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Mental stamina - student	Mental stamina - supervisor
Spearman's rho	Mental stamina - student	Correlation Coefficient	1.000	.000
		Sig. (1-tailed)		.500
		Ν	13	13
	Mental stamina -	Correlation Coefficient	.000	1.000
	supervisor	Sig. (1-tailed)	.500	
		Ν	13	14

10.14 An appreciation of site Health and Safety

			An app	reciatio Sເ	n of site			Safety -	-
		1	2	3	4	5	6	7	NA
lth	1								
Heal	2								
site 	3								
afety Sco	4				1				
reciation of site and Safety – Student Scores	5			1			1		
An appreciation of site Health and Safety – Student Scores	6				1	1	1		
	7				1	4	1	1	
An	NA								

1 missing value

Report

Appreciation of	f site Health a	ind Safety	
			-

Score	Mean	Ν	Std. Deviation	Median
Student	6.23	13	1.013	7.00
Supervisor	5.00	14	1.038	5.00
Total	5.59	27	1.185	6.00

Test Statistics(b)

	Appreciation of site Health and Safety - supervisor - Appreciation of site Health and Safety - student
Z	-2.668(a)
Asymp. Sig. (2-tailed)	.008

a Based on positive ranks.b Wilcoxon Signed Ranks Test

Correlations

			Appreciation of site Health and Safety - student	Appreciation of site Health and Safety - supervisor
Spearman's rho	Appreciation of site	Correlation Coefficient	1.000	.320
	Health and Safety -	Sig. (1-tailed)		.143
	student	Ν	13	13
	Appreciation of site	Correlation Coefficient	.320	1.000
Health and Safety - supervisor	Sig. (1-tailed)	.143		
		N	13	14

10.15 Understanding of the importance and applications of transferable skills

			erstanc plication Su		ansfera	ble skill			
		1	2	3	4	5	6	7	NA
le	1								
ortar ferat	2								
imp anst	3								
f the of tu lls t Sco	4				1			1	
nding of the imp ications of trans skills Student Scores	5				1	1			
andi plica	6					1	2		1
Understanding of the importance and applications of transferable skills - Student Scores	7				2	2	1		
Unc	NA								

1 missing value

Report

Understanding of the imp	portance and implications	of transferable skills
onaoiotananng or tho innp	sontanoo ana impiloationo	

Score	Mean	Ν	Std. Deviation	Median
Student	5.92	13	1.115	6.00
Supervisor	5.00	13	1.000	5.00
Total	5.46	26	1.140	5.50

Test Statistics(b)

Ζ	Understandi ng of the importance and implications of transferable skills - supervisor - Understandi ng of the importance and implications of transferable skills - student -1.558(a)
Asymp. Sig. (2-tailed)	.119

a Based on positive ranks.b Wilcoxon Signed Ranks Test

			Understandi ng of the importance and implications of transferable skills - student	Understandi ng of the importance and implications of transferable skills - supervisor
	Spearman's rho Understanding of the importance and implications of transferable skills -	Correlation Coefficient	1.000	113
		Sig. (1-tailed)		.363
	student	student N	13	12
the importance ar implications of	Understanding of the importance and	Correlation Coefficient	113	1.000
	implications of transferable skills -	Sig. (1-tailed)	.363	
	supervisor	Ν	12	13

APPENDIX III

SUMMARY OF THE RESULTS OF THE STATISTICAL COMPARISON BETWEEN THE PHASE 4 DOCUMENTS

KEY TO THE TABLES

- (***) Highly significant (P-value<0.05)
- (**) Significant (P-value<0.1)
- (*) Suggestive significance (P-value<0.2)
- (†) Spearman correlation coefficient

Task Category	Tasks	Score Student Average Score	differences b (Wilcoxe Supervisor Average Score	etween Stud on test of co Students under- rating their skill	•	Students over- rating their skill	Correlat betwee Student Supervi Ratings	en and sor
	Comprehending site records	5.21	4.57			「(***)	medium (*)	+
0	Completing site records-descriptions	5.07	4.57		Г		none	none
Site	Completing site records-numerical data	5.00	4.54			√ (*)	none	none
•••	Read and understand maps & plans accurately	5.00	4.58		Г		none	none
	Understanding of what is involved in putting together site records	5.23	4.57			√ (**)	none	none
	Cutting turf							
	Lifting turf							
_	Excavation – large tools (pick, mattock, draw hoe)	5.27	5.10		Г		none	none
ion	Excavation – small tools (trowelling)	5.86	4.93			∫ (**)	weak (*)	-
Excavation	Discerning stratigraphy	5.29	4.64			√ (*)	none	none
ca	Using a sprayer	5.80	4.80			√ (***)	none	none
Ш	Dry sieving	5.45						
	Disposal of spoil	5.71	5.00			∫ (*)	medium (***)	-
	Understanding of what is involved in the process of excavation	5.71	4.86			∫ (**)	weak (*)	-
	Drawing an archaeological plan	5.14	4.85		Л		medium (**)	+
Plans	Section drawing	5.08	5.00		Г		medium	-
Pl	Taking off-sets	4.75	5.00		Г		medium (*)	-
	Understanding of what is involved in the process of planning	5.64	4.71			「(***)	none	none

Category	Tasks	Score differences between Students and Supervisors (Wilcoxon test of comparison)					Correlat betwee Students Supervis Ratings	en s and sors
Task (Student Average Score	Supervisor Average Score	Students under- rating their skill	Student/ Supervisor rating skill the same	Students over- rating their skill	Strength	Direction
S	Washing artefacts	5.92						
fac	Sorting artefacts	5.67						
Artefacts	Identifying artefacts	5.54	4.60			√ (*)	none	none
	Understanding of what is involved in the processing of artefacts	5.77	4.75			√ (*)	strong (***)	-
Sampling	Flotation and wet sieving	5.73						
dш	Sorting material	5.62						
Sa	Understanding of what is involved in the process of environmental sampling	5.64						
	Using tape measures	5.57	5.22		Г		none	none
p	Using ranging poles	5.38						
eyir	Accurate recording of measurements	5.29	5.22		Г		medium (**)	-
Surveying	Understanding of what is involved in the process of surveying	5.64	5.00		Г		medium (***)	-
/ey	Using a level	5.38	5.25		Г		weak (*)	-
Survey	Using a total station	4.80	5.17	「 (*)			weak	+
	Using a prismatic compass	4.75						
Jer	Using an optical square	4.75						
Instrument	Accurate recording of measurements	5.15	5.30		5		medium (**)	-
Sci	Understanding of what is involved in the process of instrument survey	5.31	4.80		Г		none	none
0	Field walking							
Field	Field survey							
ш	Understanding of what is involved in the process of field survey							

Category	Tasks	Score differences between Students and Supervisors (Wilcoxon test of comparison)						tion en and sors (†)
Task		Student Average Score	Supervisor Average Score	Students under- rating their skill	Student/ Supervisor rating skill the same	Students over- rating their skill	Strength	Direction
Geophysics	Using a magnetometer	5.17						
<u></u>	Using a resistance meter	5.40						
9 9	Understanding of what is involved in the process of geophysical survey	5.50						
	Communication	5.69	5.21		Г		none	none
	Independent working	5.85	5.15			J (**)	weak	+
	Team working	5.54	5.21		Г		none	none
	Time management	4.92	4.79		Г		none	none
skills	Adapting to a new environment	5.38	5.14		Г		none	none
sk	Problem solving	5.54	4.50			∫ (***)	weak	-
le	Decision making	5.08	4.43			「(*)	none	none
rat	Social skills	5.54	5.21		Г		none	none
sfe	Analysing qualitative data	5.42	5.00		Г			
Transferabl	Analysing quantitative data	5.25	5.00		Г			
L L	Analysing digital data							
	Physical stamina	4.92	4.64		Г		weak (*)	-
	Mental stamina	5.69	4.86			「(*)	none	none
	An appreciation of site Health and Safety	6.23	5.00			√ (***)	weak (*)	+
	Understanding of the importance and applications of transferable skills	5.92	5.00			J (**)	none	none