

APPENDIX I

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

1. SITE RECORDS

1.1 Comprehending site records

Part 2: Comprehending site records	Part 3: 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

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

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

1.2 Completing site records - descriptions

Part 2: Completing site records - descriptions	Part 3: 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

Part2	Part3				
		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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

1.3 Completing site records - numerical data

Part 2: Completing site records - numerical data	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

1.4 Read and understand maps accurately

Part 2: Read and understand maps accurately	Part 3: 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

Part2	Part3			
	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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

1.5 Read and understand plans

Part 2: Read and understand plans	Part 3: 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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

2. EXCAVATION

2.1 Cutting turf

Part 2: Cutting turf	Part 3: 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

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

Ranks

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

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

Ranks

		N	Mean Rank	Sum of Ranks
Part3: Lifting turf - Part2: Lifting turf	Negative Ranks	0(a)	.00	.00
	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 - large tools (pick, mattock, draw hoe)	Part 3: Excavation - large tools (pick, mattock, draw hoe)			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	10	2	0	2
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		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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

2.4 Excavation - light tools (trowelling)

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

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

Test Statistics(b)

	Part3: Excavation - light tools (trowelling) - Part2: Excavation - light tools (trowelling)
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

2.5 Excavation - brushing

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

	Part3: Excavation - brushing - Part2: Excavation - brushing
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

2.6 Excavation - secateurs

Part 2: Excavation - secateurs	Part 3: Excavation - secateurs			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	8	0	0	6
Able with minor adjustments	0	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				3D, 3UD
	Minor adj			1A	
	Sub adj				

Test Statistics(b)

	Part3: Excavation - secateurs - Part2: Excavation - secateurs
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

2.7 Clear waste material - on a spade

Part 2: Clear waste material - on a spade	Part 3: Clear waste material - on a spade			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	12	1	0	2
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		1D, 1A
	Minor adj				
	Sub adj				

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

2.8 Clear waste material - by hand

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

2.9 Dispose waste material - wheelbarrow/bucket

Part 2: Dispose waste material - wheelbarrow/bucket	Part 3: 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

Part2	Part3			
	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/bucket - Part2: Dispose waste material - wheelbarrow/bucket
Z	-.577(a)
Asymp. Sig. (2-tailed)	.564

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

2.10 Dispose waste material - empty wheelbarrow/bucket

Part 2: Dispose waste material - empty wheelbarrow/bucket	Part 3: Dispose waste material - empty wheelbarrow/bucket			
	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	0	1	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		1D		
	Sub adj	1A			

Test Statistics(b)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

2.11 Dry sieving

Part 2: Dry sieving	Part 3: 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

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

b Wilcoxon Signed Ranks Test

2.12 Use a sprayer

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

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

b Wilcoxon Signed Ranks Test

2.13 Discern stratigraphy - tactile

Part 2: Discern stratigraphy - tactile	Part 3: Discern stratigraphy - tactile			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	13	1	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		1D		
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

	Part3: Discern stratigraphy - tactile - Part2: Discern stratigraphy - tactile
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

2.14 Discern stratigraphy - vision

Part 2: Discern stratigraphy - vision	Part 3: Discern stratigraphy - vision			
	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		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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

2.15 Discern stratigraphy - colour

Part 2: Discern stratigraphy - colour	Part 3: Discern stratigraphy - colour			
	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	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		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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

2.16 Discern stratigraphy - texture

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

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

b Wilcoxon Signed Ranks Test

2.17 Open and close finds bags

Part 2: Open and close finds bags	Part 3: Open and close finds bags			
	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				1A
	Minor adj				
	Sub adj				

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

2.18 Write labels

Part 2: Write labels	Part 3: Write labels			
	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	3	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, 1UD, 1A			
	Sub adj				

Test Statistics(b)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

3. PLANNING AND SECTION DRAWING

3.1 Lay a tape measure

Part 2: Lay a tape measure	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

3.2 Read a tape measure accurately

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

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

b Wilcoxon Signed Ranks Test

3.3 See area to be planned

Part 2: See area to be planned	Part 3: See area to be planned			
	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		3D		
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: See area to be planned - Part2: See area to be planned
Z	-1.732(a)
Asymp. Sig. (2-tailed)	.083

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

3.4 Handle and manipulate planning frame

Part 2: Handle and manipulate planning frame	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

3.5 Drawing - ability

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

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

Test Statistics(b)

	Part3: Drawing - ability - Part2: Drawing - ability
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

3.6 Drawing - use graph paper

Part 2: Drawing - use graph paper	Part 3: Drawing - use graph paper			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	11	2	2	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, 1A	2D	
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: Drawing - use graph paper - Part2: Drawing - use graph paper
Z	-1.857(a)
Asymp. Sig. (2-tailed)	.063

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

4. PROCESSING OF ARTEFACTS

4.1 Handling finds

Part 2: Handling finds	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

4.2 Washing finds

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

Test Statistics(b)

	Part3: Washing finds - Part2: Washing finds
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

4.3 Sorting finds

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

		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

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

b Wilcoxon Signed Ranks Test

4.4 Identifying finds - tactile

Part 2: Identifying finds - tactile	Part 3: 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)

	Part3: Identifying finds - tactile - Part2: Identifying finds - tactile
Z	-1.134(a)
Asymp. Sig. (2-tailed)	.257

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

4.5 Identifying finds - colour

Part 2: Identifying finds - colour	Part 3: 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)

	Part3: Identifying finds - colour - Part2: Identifying finds - colour
Z	-.816(a)
Asymp. Sig. (2-tailed)	.414

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

4.6 Identifying finds - texture

Part 2: Identifying finds - texture	Part 3: Identifying finds - texture			
	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	1D			
	Sub adj				

Test Statistics(b)

	Part3: Identifying finds - texture - Part2: Identifying finds - texture
Z	-.447(a)
Asymp. Sig. (2-tailed)	.655

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

4.7 Identifying finds - vision

Part 2: Identifying finds - vision	Part 3: 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)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

4.8 Open and close finds bags

Part 2: Open and close finds bags	Part 3: Open and close finds bags			
	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				1A
	Minor adj				
	Sub adj				

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

4.9 Marking finds

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

5. ENVIRONMENTAL SAMPLING

5.1 Take bulk samples

Part 2: Take bulk samples	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

5.2 Wet sieving

Part 2: Wet sieving	Part 3: Wet sieving			
	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	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		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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

5.3 Sorting samples

Part 2: Sorting samples	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

5.4 Sorting samples – tactile

Part 2: Sorting samples – tactile	Part 3: Sorting samples – tactile			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	11	1	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	1LD
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

	Part3: Sorting samples - tactile - Part2: Sorting samples - tactile
Z	-.816(a)
Asymp. Sig. (2-tailed)	.414

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

5.5 Sorting samples – colour

Part 2: Sorting samples – colour	Part 3: 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)

	Part3: Sorting samples - colour - Part2: Sorting samples - colour
Z	-.447(a)
Asymp. Sig. (2-tailed)	.655

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

5.6 Sorting samples – texture

Part 2: Sorting samples – texture	Part 3: Sorting samples – texture			
	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	1D			
	Sub adj				

Test Statistics(b)

	Part3: Sorting samples - texture - Part2: Sorting samples - texture
Z	-.447(a)
Asymp. Sig. (2-tailed)	.655

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

5.7 Sorting samples – vision

Part 2: Sorting samples – vision	Part 3: 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)

	Part3: Sorting samples - vision - Part2: Sorting samples - vision
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

5.8 Open and close finds bags

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

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

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

5.9 Mark sample trays/boxes

Part 2: Mark sample trays/boxes	Part 3: 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

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

Test Statistics(b)

	Part3: Mark sample trays/boxes - Part2: Mark sample trays/boxes
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

6. SURVEYING

6.1 Lay a tape measure

Part 2: Lay a tape measure	Part 3: Lay a tape measure			
	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		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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

6.2 Read a tape measure accurately

Part 2: Read a tape measure accurately	Part 3: Read a tape measure accurately			
	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 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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

6.3 Ranging poles – hold

Part 2: Ranging poles – hold	Part 3: 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)

	Part3: Ranging poles - hold - Part2: Ranging poles - hold
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

6.4 Ranging poles – line up

Part 2: Ranging poles – line up	Part 3: Ranging poles – line up			
	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	1	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		1ND		1LD
	Minor adj	1UD			1A
	Sub adj				

Test Statistics(b)

	Part3: Ranging poles - line up - Part2: Ranging poles - line up
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. INSTRUMENT SURVEY

7.1 Measuring staff – hold

Part 2: Measuring staff – hold	Part 3: Measuring staff – hold			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	13	1	0	0
Able with minor adjustments	0	0	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		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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

7.2 Measuring staff – extend

Part 2: Measuring staff – extend	Part 3: 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)

	Part3: Measuring staff - extend - Part2: Measuring staff - extend
Z	-.577(a)
Asymp. Sig. (2-tailed)	.564

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

7.3 Level – set up tripod

Part 2: Level – set up tripod	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.4 Level – attach to tripod

Part 2: Level – attach to tripod	Part 3: Level – attach to tripod			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	9	3	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		2D, 1UD		1LD
	Minor adj	1A	1ND		
	Sub adj				

Test Statistics(b)

	Part3: Level - attach to tripod - Part2: Level - attach to tripod
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.5 Level – use visually

Part 2: Level – use visually	Part 3: Level – use visually			
	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	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		
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.6 Level – manual focussing

Part 2: Level – manual focussing	Part 3: Level – manual focussing			
	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: Level - manual focussing - Part2: Level - manual focussing
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.7 Level – read measurements

Part 2: Level – read measurements	Part 3: Level – read measurements			
	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	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 measurements - Part2: Level - read measurements
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 2: Total Station – set up tripod	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.9 Total Station – attach to tripod

Part 2: Total Station – attach to tripod	Part 3: Total Station – attach to tripod			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	8	0	1	4
Able with minor adjustments	0	1	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			1D	2D, 2UD
	Minor adj		1ND		1A
	Sub adj				

Test Statistics(b)

	Part3: Total Station - attach to tripod - Part2: Total Station - attach to tripod
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.10 Total Station – use visually

Part 2: Total Station – use visually	Part 3: Total Station – use visually			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	10	0	0	4
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				1UD
	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 2: Total Station – manual focussing	Part 3: Total Station – manual focussing			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	9	1	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		2D, 2UD, 1A
	Minor adj				
	Sub adj				

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.12 Total Station – read measurements

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.13 Total Station – record readings on screen

Part 2: Total Station – record readings on screen	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.14 Total Station – audible signals

Part 2: Total Station – audible signals	Part 3: 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.15 Total Station – attach prism to staff

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

- a Based on negative ranks.
- b Wilcoxon Signed Ranks Test

7.16 Prismatic compass – use

Part 2: Prismatic compass – use	Part 3: 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

Part2	Part3				
		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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

7.17 Optical square – use

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

Part2	Part3			
	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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

8. SURFACE SURVEY

8.1 Field walking – traverse

Part 2: Field walking – traverse	Part 3: 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 2: Field walking – identifying material	Part 3: Field walking – identifying material			
	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

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

Test Statistics^b

	Part3: Field walking - identify material - Part2: Field walking - identify material
Z	-1.000 ^a
Asymp. Sig. (2-tailed)	.317

a. Based on negative ranks.

b. Wilcoxon Signed Ranks Test

Ranks

		N	Mean Rank	Sum of Ranks
Part3: Field walking - identify material - Part2: Field walking - identify material	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	1 ^b	1.00	1.00
Part2: Field walking - identify material	Ties	2 ^c		
	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 2: Field walking – pick up material	Part 3: Field walking – pick up material			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	3	0	0	11
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 up material - Part2: Field walking - pick up material	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	0 ^b	.00	.00
	Ties	3 ^c		
	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

Part 2: Field survey – traverse	Part 3: 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

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

Ranks

	N	Mean Rank	Sum of Ranks
Part3: Field survey - traverse - Part2: Field survey - traverse	0 ^a	.00	.00
	0 ^b	.00	.00
	3 ^c		
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 2: Field survey – identifying surface features	Part 3: 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

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

- a. 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 2: Open and close finds bags	Part 3: Open and close finds bags			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
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 finds bags - Part2: Open and close finds bags	Negative Ranks	0 ^a	.00	.00
	Positive Ranks	0 ^b	.00	.00
	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 2: Write labels	Part 3: 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 minor adjustments	0	0	0	3
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, 3UD, 1LD, 1ND
	Minor adj				1D, 1UD, 1A
	Sub adj				

Ranks

	N	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 2: Gradiometry – use an instrument	Part 3: Gradiometry – use an instrument			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	4	2	0	8
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	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 2: Gradiometry – identify walking line	Part 3: Gradiometry – identify walking line			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	5	2	0	8
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		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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

9.3 Gradiometry – audible signals

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

9.4 Resistivity– use an instrument

Part 2: Resistivity– use an instrument	Part 3: Resistivity– use an instrument			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	5	2	0	7
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
Z	-.577(a)
Asymp. Sig. (2-tailed)	.564

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

9.5 Resistivity – identify walking line

Part 2: Resistivity – identify walking line	Part 3: Resistivity – identify walking line			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	6	2	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, 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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

10. CARRYING EQUIPMENT

10.1 Carrying equipment on back

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

10.2 Carrying equipment in hands

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

11. PHYSICAL ABILITY

11.1 Climb in and out of trenches

Part 2: Climb in and out of trenches	Part 3: Climb in and out of trenches			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no 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 2: Climb over upstanding features	Part 3: Climb over upstanding features			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no 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 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 2: Strength	Part 3: Strength			
	Able with no adjustments	Able with minor adjustments	Able with substantial adjustments	Not applicable
Able with no adjustments	10	3	0	0
Able with minor adjustments	1	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

Part2	Part3			
	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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

11.4 Physical stamina

Part 2: Physical stamina	Part 3: 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)

	Part3: Physical stamina - Part2: Physical stamina
Z	-1.414(a)
Asymp. Sig. (2-tailed)	.157

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

11.5 Squatting

Part 2: Squatting	Part 3: 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 2: Kneeling	Part 3: 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 knees pulled up to chest	Part 3: Sitting with 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 2: Sitting	Part 3: 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 to one side	Part 3: Sitting with legs 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 2: Lying down	Part 3: 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 2: Vision – colour	Part 3: Vision – colour			
	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	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, 1A		
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.2 Vision – texture

Part 2: Vision – texture	Part 3: Vision – texture			
	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	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		
	Minor adj	1D			
	Sub adj				

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.3 Vision – physical details

Part 2: Vision – physical details	Part 3: 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 Applicable
	No adj			1UD	
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: Vision - physical details - Part2: Vision - physical details
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.4 Vision – physical features

Part 2: Vision – physical features	Part 3: Vision – physical features			
	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			1UD	
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: Vision - physical features - Part2: Vision - physical features
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.5 Vision – printed details

Part 2: Vision – printed details	Part 3: 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	Not Applicable
	No adj		1UD		
	Minor adj				
	Sub adj				

Test Statistics(b)

	Part3: Vision - printed details - Part2: Vision - printed details
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.6 Vision – close and distant

Part 2: Vision – close and distant	Part 3: Vision – close and distant			
	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	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		1D		
	Minor adj	1A		1UD	
	Sub adj				

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.7 Hearing

Part 2: Hearing	Part 3: 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)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.8 Touch

Part 2: Touch	Part 3: Touch			
	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

Part2	Part3			
	No adj	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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

12.9 Balance

Part 2: Balance	Part 3: Balance			
	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

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

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.10 Spatial awareness

Part 2: Spatial awareness	Part 3: 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

Part2	Part3				
		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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

12.11 Hand/eye co-ordination

Part 2: Hand/eye co-ordination	Part 3: 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

Part2	Part3				
		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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

12.12 Comprehension – written material

Part 2: Comprehension – written material	Part 3: 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: Comprehension - written material - Part2: Comprehension - written material
Z	-.447(a)
Asymp. Sig. (2-tailed)	.655

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.13 Comprehension – drawings

Part 2: Comprehension – drawings	Part 3: 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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

12.14 Comprehension – verbal information

Part 2: Comprehension – verbal information	Part 3: Comprehension – verbal 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 Applicable
	No adj				
	Minor adj	1D, 1A	1D		
	Sub adj				

Test Statistics(b)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

12.15 Organisation/categorisation

Part 2: Organisation/ categorisation	Part 3: Organisation/categorisation			
	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)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.16 Short-term memory

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

12.17 Long-term memory

Part 2: Long-term memory	Part 3: Long-term memory			
	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	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)

	Part3: Long-term memory - Part2: Long-term memory
Z	-1.342(a)
Asymp. Sig. (2-tailed)	.180

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

12.18 Recognition

Part 2: Recognition	Part 3: Recognition			
	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

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

Test Statistics(b)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

12.19 Mental stamina

Part 2: Mental stamina	Part 3: 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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13. TRANSFERABLE SKILLS

13.1 Communication – conveying information

Part 2: Communication – conveying information	Part 3: Communication – conveying information			
	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	4	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	3D, 1A			
	Sub adj				

Test Statistics(b)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13.2 Communication – understanding information

Part 2: Communication – understanding information	Part 3: 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

Part2	Part3			
	No adj	Minor adj	Sub adj	Not Applicable
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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13.3 Communication – at a distance

Part 2: Communication – at a distance	Part 3: 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: Communication - at a distance - Part2: Communication - at a distance
Z	-1.000(a)
Asymp. Sig. (2-tailed)	.317

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

13.4 Independent working

Part 2: Independent working	Part 3: Independent working			
	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	1	1	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

Part2	Part3			
	No adj	Minor adj	Sub adj	Not Applicable
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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13.5 Team working

Part 2: Team working	Part 3: Team working			
	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	3	0	0	0
Able with substantial adjustments	0	0	0	0
Not applicable	0	0	0	0

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

Test Statistics(b)

	Part3: Team working - Part2: Team working
Z	-1.732(a)
Asymp. Sig. (2-tailed)	.083

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13.6 Time management

Part 2: Time management	Part 3: 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	Not Applicable
	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 2: Adapting to a new environment	Part 3: Adapting to a new environment			
	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	1	0	0
Able with substantial adjustments	0	1	0	0
Not applicable	0	0	0	0

Part2	Part3			
	No adj	Minor adj	Sub adj	Not Applicable
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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13.8 Analysing qualitative data

Part 2: Analysing qualitative data	Part 3: Analysing qualitative data			
	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	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		
	Minor adj	1UD			
	Sub adj				

Test Statistics(b)

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

a Based on negative ranks.

b Wilcoxon Signed Ranks Test

13.9 Analysing quantitative data

Part 2: Analysing quantitative data	Part 3: Analysing quantitative data			
	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	6	2	1	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	3D, 2UD, 1LD	1D, 1ND	1D	
	Sub adj	1A			

Test Statistics(b)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13.10 Problem solving

Part 2: Problem solving	Part 3: 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 Applicable
	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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13.11 Decision making

Part 2: Decision making	Part 3: 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)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

13.12 Social skills

Part 2: Social skills	Part 3: 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

Part2	Part3			
	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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

APPENDIX II:

RESULTS OF THE STATISTICAL COMPARISONS BETWEEN THE PART 4 DOCUMENTS

1. SITE RECORDS

1.1 Comprehending site records

		Comprehending site records – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Comprehending site records – Student Scores	1								
	2								
	3								
	4				2	2			
	5			1	2				
	6				2	3	2		
	7								
	NA								

Report

Comprehending site records

Score	Mean	N	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)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

Correlations

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

1.2 Completing site records - descriptions

		Completing site records - descriptions – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Completing site records - descriptions – Student Scores	1								
	2								
	3						1		
	4				3	1			
	5			1	1	1			
	6				2		3		
	7			1					
	NA								

Report

Completing site records - descriptions

Score	Mean	N	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 - descriptions - student	Correlation Coefficient	1.000	-.068
		Sig. (1-tailed)	.	.409
		N	14	14
	Completing site records - descriptions - supervisor	Correlation Coefficient	-.068	1.000
		Sig. (1-tailed)	.409	.
		N	14	14

1.3 Completing site records - numerical data

		Completing site records - numerical data – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Completing site records - numerical data – Student Scores	1								
	2								
	3								1
	4				2	1	1		
	5			1	1	1			
	6				3	2	1		
	7								
	NA								

Report

Completing site records - numerical data

Score	Mean	N	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

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

1.4 Read and understand maps and plans accurately

		Read and understand maps and plans accurately – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Read and understand maps and plans accurately – Student Scores	1								
	2								
	3					1			
	4				1		1		1
	5			1	3				
	6				1	2	1		1
	7								
	NA								

1 missing value

Report

Read and understand maps and plans accurately

Score	Mean	N	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

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

Correlations

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

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

		Understanding of what is involved in putting together site records and the overall outcomes – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Understanding of what is involved in putting together site records and the overall outcomes – Student Scores	1								
	2								
	3								
	4				2	1			
	5			1	1	1	1		
	6		1		1	2	2		
	7								
	NA								

1 missing value

Report

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

Score	Mean	N	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

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

2. EXCAVATION

2.1 Cutting turf

		Cutting turf – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Cutting turf – Student Scores	1								
	2								
	3								
	4								1
	5								
	6								
	7								
	NA								13

Report

Cutting turf

Score	Mean	N	Std. Deviation	Median
Student	4.00	1	.	4.00
Total	4.00	1	.	4.00

2.2 Lifting turf

		Lifting turf – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Lifting turf – Student Scores	1								
	2								
	3								
	4								1
	5								
	6								
	7								
	NA								13

Report

Lifting turf

Score	Mean	N	Std. Deviation	Median
Student	3.00	1	.	3.00
Total	3.00	1	.	3.00

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

		Excavation - large tools (pick, mattock, draw hoe) – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Excavation - large tools (pick, mattock, draw hoe) – Student Scores	1								
	2								
	3								
	4				1	1	2		1
	5						1		
	6				1				1
	7				1	1	1		
	NA					1			2

Report

Excavation with large tools - pick axe, mattock, etc

Score	Mean	N	Std. Deviation	Median
Student	5.27	11	1.348	5.00
Supervisor	5.10	10	.876	5.00
Total	5.19	21	1.123	5.00

Test Statistics(b)

	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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

Correlations

			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 - pick axe, mattock, etc - student	Correlation Coefficient	1.000	-.185
		Sig. (1-tailed)	.	.317
		N	11	9
	Excavation with large tools - pick axe, mattock, etc - supervisor	Correlation Coefficient	-.185	1.000
		Sig. (1-tailed)	.317	.
		N	9	10

2.4 Excavation - small tools (trowelling)

		Excavation - small tools (trowelling) – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Excavation - small tools (trowelling) – Student Scores	1								
	2								
	3								
	4				1		1		
	5				1		2		
	6				1	2	1		
	7				3	1	1		
	NA								

Report

Excavation with small tools - trowelling

Score	Mean	N	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	Excavation with small tools - trowelling - student	Correlation Coefficient	1.000	-.255
		Sig. (1-tailed)	.	.189
		N	14	14
	Excavation with small tools - trowelling - supervisor	Correlation Coefficient	-.255	1.000
		Sig. (1-tailed)	.189	.
		N	14	14

2.5 Discerning stratigraphy

		Discerning stratigraphy – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Discerning stratigraphy – Student Scores	1								
	2								
	3						1		
	4				1	2			
	5				2	2			
	6				1	1	1		
	7		1			2			
	NA								

Report

Discerning stratigraphy

Score	Mean	N	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 - student	Correlation Coefficient	1.000	-.195
		Sig. (1-tailed)	.	.252
		N	14	14
	Discerning stratigraphy - supervisor	Correlation Coefficient	-.195	1.000
		Sig. (1-tailed)	.252	.
		N	14	14

2.6 Using a sprayer

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

Report

Using a sprayer

Score	Mean	N	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
		N	10	8
	Using a sprayer - supervisor	Correlation Coefficient	-.074	1.000
		Sig. (1-tailed)	.431	.
		N	8	10

2.7 Dry sieving

		Dry sieving – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Dry sieving – Student Scores	1								
	2								
	3								
	4								4
	5								1
	6								3
	7								3
	NA								2

1 missing value

Report

Dry sieving

Score	Mean	N	Std. Deviation	Median
Student	5.45	11	1.293	6.00
Total	5.45	11	1.293	6.00

2.8 Disposal of spoil

		Disposal of spoil – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Disposal of spoil – Student Scores	1								
	2								
	3								
	4				1		1		
	5					1	3		
	6				1	3			
	7				2	2			
	NA								

Report

Disposal of spoil

Score	Mean	N	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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

Correlations

			Disposal of spoil - student	Disposal of spoil - supervisor
Spearman's rho	Disposal of spoil - student	Correlation Coefficient	1.000	-.486(*)
		Sig. (1-tailed)	.	.039
		N	14	14
	Disposal of spoil - supervisor	Correlation Coefficient	-.486(*)	1.000
		Sig. (1-tailed)	.039	.
		N	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							
		1	2	3	4	5	6	7	NA
Understanding of what is involved in the process of excavation and the overall outcomes – Student Scores	1								
	2								
	3								
	4				1	1			
	5				1	1	3		
	6					2			
	7			1	1	3			
	NA								

Report

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

Score	Mean	N	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)

	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

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

3. PLANNING AND SECTION DRAWING

3.1 Drawing an archaeological plan

		Drawing an archaeological plan – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Drawing an archaeological plan – Student Scores	1								
	2								
	3					1			
	4			1		2			
	5				3		1		
	6				1	1	2	1	
	7						1		
	NA								

Report

Drawing an archaeological plan

Score	Mean	N	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 archaeological plan - supervisor - Drawing an archaeological plan - student
Z	-.711(a)
Asymp. Sig. (2-tailed)	.477

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

Correlations

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

3.2 Section Drawing

		Section Drawing – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Section Drawing – Student Scores	1								
	2								
	3								
	4						1	1	3
	5								2
	6		1		1	1			1
	7						1		
	NA								2

Report

Section drawing

Score	Mean	N	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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

Correlations

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

3.3 Taking off-sets

		Taking off-sets – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Taking off-sets – Student Scores	1								
	2								
	3								
	4					1	1		2
	5								1
	6					2			
	7								
	NA				1	1			

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

a Based on negative ranks.
b Wilcoxon Signed Ranks Test

Correlations

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

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

		Understanding of what is involved in the process of site planning and the overall outcomes – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Understanding of what is involved in the process of site planning and the overall outcomes – Student Scores	1								
	2								
	3								
	4					1			
	5				2	3	1		
	6			1	2		1		
	7					3			
	NA								

Report

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

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

4. PROCESSING OF ARTEFACTS

4.1 Washing artefacts

		Washing artefacts – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Washing artefacts – Student Scores	1								
	2								
	3								
	4								2
	5					1			1
	6					1			2
	7					1			4
	NA								2

Report

Washing artefacts

Score	Mean	N	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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

4.2 Sorting artefacts

		Sorting artefacts – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Sorting artefacts – Student Scores	1								
	2								
	3								
	4								1
	5					2			3
	6								3
	7								3
	NA								2

Report

Sorting artefacts

Score	Mean	N	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 Scores							
		1	2	3	4	5	6	7	NA
Identifying artefacts – Student Scores	1								
	2								
	3								
	4								1
	5			1			1		4
	6								4
	7				1	1			
	NA					1			

Report

Identifying artefacts

Score	Mean	N	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

Correlations

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

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

		Understanding of what is involved in the processing of artefacts and the overall outcomes – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Understanding of what is involved in the processing of artefacts and the overall outcomes – Student Scores	1								
	2								
	3								
	4								1
	5						1		3
	6					1			4
	7				2				1
	NA								

Report

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

Score	Mean	N	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)

	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

		Flotation and wet sieving – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Flotation and wet sieving – Student Scores	1								
	2								
	3								
	4								2
	5								2
	6						1		3
	7								3
	NA								3

Report

Flotation and wet sieving

Score	Mean	N	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
Sorting material – Student Scores	1								
	2								
	3								
	4								3
	5								2
	6								5
	7							1	
	NA								1

Report

Sorting material

Score	Mean	N	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
Understanding of what is involved in the process of environmental sampling and the overall outcomes – Student	1								
	2								
	3								
	4								3
	5						1		1
	6							1	5
	7								3
	NA								

Report

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

Score	Mean	N	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
Using tape measures – Student Scores	1								
	2								
	3					1			
	4						1		
	5				1	1			2
	6						3		2
	7				1	1			1
	NA								

Report

Using tape measures

Score	Mean	N	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

Correlations

			Using tape measures - student	Using tape measures - supervisor
Spearman's rho	Using tape measures - student	Correlation Coefficient	1.000	-.091
		Sig. (1-tailed)	.	.408
		N	14	9
	Using tape measures - supervisor	Correlation Coefficient	-.091	1.000
		Sig. (1-tailed)	.408	.
		N	9	9

6.2 Using ranging poles

		Using ranging poles – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Using ranging poles – Student Scores	1								
	2								
	3								1
	4								3
	5								2
	6								4
	7								3
	NA								1

Report

Using ranging poles

Score	Mean	N	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

		Accurate recording of measurements – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Accurate recording of measurements – Student Scores	1								
	2						1		
	3								
	4						1		1
	5				1		1		1
	6					1		1	3
	7				1	1			
	NA								

Report

Accurate recording of measurements

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

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

		Understanding of what is involved in the process of surveying and the overall outcomes – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Understanding of what is involved in the process of surveying and the overall outcomes – Student Scores	1								
	2								
	3								
	4					1			1
	5					1	2		2
	6					1			2
	7				2	1			1
	NA								

Report

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

Score	Mean	N	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	Understanding of what is involved in the process of surveying and the overall outcomes - student	Correlation Coefficient	1.000	-.649(*)
		Sig. (1-tailed)	.	.041
		N	14	8
	Understanding of what is involved in the process of surveying and the overall outcomes - supervisor	Correlation Coefficient	-.649(*)	1.000
		Sig. (1-tailed)	.041	.
		N	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
Using a level – Student Scores	1								
	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	N	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

Correlations

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

7.2 Using a Total Station

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

Report

Using a Total Station

Score	Mean	N	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

Correlations

			Using a Total Station - student	Using a Total Station - supervisor
Spearman's rho	Using a Total Station - student	Correlation Coefficient	1.000	.304
		Sig. (1-tailed)	.	.309
		N	10	5
	Using a Total Station - supervisor	Correlation Coefficient	.304	1.000
		Sig. (1-tailed)	.309	.
		N	5	6

7.3 Using a prismatic compass

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

Report

Using a prismatic compass

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

7.4 Using an optical square

		Using an optical square – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Using an optical square – Student Scores	1								
	2								
	3								
	4								4
	5								2
	6								2
	7								
	NA								6

Report

Using an optical square

Score	Mean	N	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
Accurate recording of measurements – Student Scores	1								
	2								
	3					1			
	4						1		1
	5					3		1	
	6				1	2			2
	7								
	NA						1		

1 missing value

Report

Accurate recording of measurements

Score	Mean	N	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 measurements - student	Correlation Coefficient	1.000	-.490
		Sig. (1-tailed)	.	.090
		N	13	9
	Accurate recording of measurements - supervisor	Correlation Coefficient	-.490	1.000
		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 of instrument survey and the overall outcomes – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Understanding of what is involved in the process of instrument survey and the overall outcomes – Student	1								
	2								
	3								
	4				1	1			1
	5				1	2	1		1
	6					1			2
	7				1	1			
	NA					1			

Report

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

Score	Mean	N	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)

	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

Correlations

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

8. SURFACE SURVEY

8.1 Field walking

		Field walking – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Field walking – Student Scores	1								
	2								
	3								
	4								
	5								
	6								
	7								
	NA								14

8.2 Field survey

		Field survey – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Field survey – Student Scores	1								
	2								
	3								
	4								
	5								
	6								
	7								
	NA								14

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

		Understanding of what is involved in the process of field survey and the overall outcomes – Supervisor Scores							NA
		1	2	3	4	5	6	7	
Understanding of what is involved in the process of field survey and the overall outcomes – Student Scores	1								
	2								
	3								
	4								1
	5								1
	6								
	7								
	NA								12

Report

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

Score	Mean	N	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

		Using a magnetometer – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Using a magnetometer – Student Scores	1								
	2								
	3								
	4								1
	5								3
	6								2
	7								
	NA								8

Report

Using a magnetometer

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

9.2 Using a resistance meter

		Using a resistance meter – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Using a resistance meter – Student Scores	1								
	2								
	3								
	4								1
	5								2
	6								1
	7								1
	NA								9

Report

Using a resistance meter

Score	Mean	N	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

		Understanding of what is involved in the process of geophysical survey and the overall outcomes – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Understanding of what is involved in the process of geophysical survey and the overall outcomes – Student	1								
	2								
	3								
	4								1
	5								3
	6								3
	7								1
	NA								6

Report

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

Score	Mean	N	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
Communication – Student Scores	1								
	2								
	3								
	4					1			
	5			1		2	1	1	
	6				1		3		
	7			1		1		1	
	NA								

1 missing value

Report

Communication

Score	Mean	N	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)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

Correlations

			Communication - student	Communication - supervisor
Spearman's rho	Communication - student	Correlation Coefficient	1.000	.049
		Sig. (1-tailed)	.	.437
		N	13	13
	Communication - supervisor	Correlation Coefficient	.049	1.000
		Sig. (1-tailed)	.437	.
		N	13	14

10.2 Independent working

		Independent working – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Independent working – Student Scores	1								
	2								
	3								
	4			1			1		
	5				1		1		
	6				1	2	2		
	7					2	2		
	NA								

1 missing value

Report

Independent working

Score	Mean	N	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

Correlations

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

10.3 Team working

		Team working – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Team working – Student Scores	1								
	2								
	3						1		
	4				1		1		
	5				1		1		
	6		1				4		
	7					2	1		
	NA								

1 missing value

Report

Team working

Score	Mean	N	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

Correlations

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

10.4 Time management

		Time management – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Time management – Student Scores	1								
	2							1	
	3			1					
	4					2			
	5				4				
	6						2		
	7			1		1			
	NA						1		

1 missing value

Report

Time management

Score	Mean	N	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

Correlations

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

10.5 Adapting to a new environment

		Adapting to a new environment – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Adapting to a new environment – Student Scores	1								
	2						1		
	3								
	4				1	2			
	5				1				
	6					2	3		
	7				1	1	1		
	NA								

1 missing value

Report

Adapting to a new environment

Score	Mean	N	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

Correlations

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

10.6 Problem solving

		Problem solving – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Problem solving – Student Scores	1								
	2								
	3								
	4				1				
	5				2	3	1		
	6				2	2			
	7				2				
	NA								

1 missing value

Report

Problem solving

Score	Mean	N	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

Correlations

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

10.7 Decision making

		Decision making – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Decision making – Student Scores	1								
	2								
	3					1			
	4			1	1	2			
	5				2		1		
	6				1	2			
	7				2				
	NA								

1 missing value

Report

Decision making

Score	Mean	N	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

Correlations

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

10.8 Social skills

		Social skills – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Social skills – Student Scores	1								
	2								
	3						1		
	4			2			1		
	5						1		
	6					1	2	1	
	7				1	1	1	1	
	NA								

1 missing value

Report

Social skills

Score	Mean	N	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

Correlations

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

10.9 Analysing qualitative data

		Analysing qualitative data – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Analysing qualitative data – Student Scores	1								
	2								
	3								
	4					2			1
	5								2
	6					1			2
	7					1			2
	NA								1

2 missing values

Report

Analysing qualitative data

Score	Mean	N	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

		Analysing quantitative data – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Analysing quantitative data – Student Scores	1								
	2								
	3								
	4					2			2
	5								1
	6					1			3
	7					1			1
	NA								1

2 missing values

Report

Analysing quantitative data

Score	Mean	N	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

		Analysing digital data – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Analysing digital data – Student Scores	1								
	2								
	3								
	4								3
	5								2
	6								3
	7					1			1
	NA								3

1 missing value

Report

Analysing digital data

Score	Mean	N	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

		Physical stamina – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Physical stamina – Student Scores	1								
	2								
	3								
	4				3	2	2		
	5				1				
	6				2	1	1		
	7			1					
	NA								

1 missing value

Report

Physical stamina

Score	Mean	N	Std. Deviation	Median
Student	4.92	13	1.115	4.00
Supervisor	4.64	14	.929	4.50
Total	4.78	27	1.013	4.00

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

Correlations

			Physical stamina - student	Physical stamina - supervisor
Spearman's rho	Physical stamina - student	Correlation Coefficient	1.000	-.330
		Sig. (1-tailed)	.	.136
		N	13	13
	Physical stamina - supervisor	Correlation Coefficient	-.330	1.000
		Sig. (1-tailed)	.136	.
		N	13	14

10.13 Mental stamina

		Mental stamina – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Mental stamina – Student Scores	1								
	2								
	3				1				
	4				2		1		
	5						1		
	6						2		
	7				4		2		
	NA								

1 missing value

Report

Mental stamina

Score	Mean	N	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

Correlations

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

10.14 An appreciation of site Health and Safety

		An appreciation of site Health and Safety – Supervisor Scores							NA
		1	2	3	4	5	6	7	
An appreciation of site Health and Safety – Student Scores	1								
	2								
	3								
	4				1				
	5			1			1		
	6				1	1	1		
	7				1	4	1	1	
	NA								

1 missing value

Report

Appreciation of site Health and Safety

Score	Mean	N	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 Health and Safety - student	Correlation Coefficient	1.000	.320
		Sig. (1-tailed)	.	.143
		N	13	13
	Appreciation of site Health and Safety - supervisor	Correlation Coefficient	.320	1.000
		Sig. (1-tailed)	.143	.
		N	13	14

10.15 Understanding of the importance and applications of transferable skills

		Understanding of the importance and applications of transferable skills – Supervisor Scores							
		1	2	3	4	5	6	7	NA
Understanding of the importance and applications of transferable skills – Student Scores	1								
	2								
	3								
	4				1			1	
	5				1	1			
	6					1	2		1
	7				2	2	1		
	NA								

1 missing value

Report

Understanding of the importance and implications of transferable skills

Score	Mean	N	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)

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

a Based on positive ranks.

b Wilcoxon Signed Ranks Test

Correlations

			Understanding of the importance and implications of transferable skills - student	Understanding of the importance and implications of transferable skills - supervisor
Spearman's rho	Understanding of the importance and implications of transferable skills - student	Correlation Coefficient	1.000	-.113
		Sig. (1-tailed)	.	.363
		N	13	12
	Understanding of the importance and implications of transferable skills - supervisor	Correlation Coefficient	-.113	1.000
		Sig. (1-tailed)	.363	.
		N	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 differences between Students and Supervisors (Wilcoxon test of comparison)					Correlation between Student and Supervisor Ratings (†)	
		Student Average Score	Supervisor Average Score	Students under-rating their skill	Student/Supervisor rating skill the same	Students over-rating their skill	Strength	Direction
Site	Comprehending site records	5.21	4.57	-----	-----	√ (***)	medium (*)	+
	Completing site records-descriptions	5.07	4.57	-----	√	-----	none	none
	Completing site records-numerical data	5.00	4.54	-----	-----	√ (*)	none	none
	Read and understand maps & plans accurately	5.00	4.58	-----	√	-----	none	none
	Understanding of what is involved in putting together site records	5.23	4.57	-----	-----	√ (**)	none	none
Excavation	Cutting turf	-----	-----	-----	-----	-----	-----	-----
	Lifting turf	-----	-----	-----	-----	-----	-----	-----
	Excavation – large tools (pick, mattock, draw hoe)	5.27	5.10	-----	√	-----	none	none
	Excavation – small tools (trowelling)	5.86	4.93	-----	-----	√ (**)	weak (*)	-
	Discerning stratigraphy	5.29	4.64	-----	-----	√ (*)	none	none
	Using a sprayer	5.80	4.80	-----	-----	√ (***)	none	none
	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 (*)	-
Plans	Drawing an archaeological plan	5.14	4.85	-----	√	-----	medium (**)	+
	Section drawing	5.08	5.00	-----	√	-----	medium	-
	Taking off-sets	4.75	5.00	-----	√	-----	medium (*)	-
	Understanding of what is involved in the process of planning	5.64	4.71	-----	-----	√ (***)	none	none

Task Category	Tasks	Score differences between Students and Supervisors (Wilcoxon test of comparison)					Correlation between Students and Supervisors Ratings (†)	
		Student Average Score	Supervisor Average Score	Students under-rating their skill	Student/Supervisor rating skill the same	Students over-rating their skill	Strength	Direction
Artefacts	Washing artefacts	5.92	-----	-----	-----	-----	-----	-----
	Sorting artefacts	5.67	-----	-----	-----	-----	-----	-----
	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	-----	-----	-----	-----	-----	-----
	Sorting material	5.62	-----	-----	-----	-----	-----	-----
	Understanding of what is involved in the process of environmental sampling	5.64	-----	-----	-----	-----	-----	-----
Surveying	Using tape measures	5.57	5.22	-----	√	-----	none	none
	Using ranging poles	5.38	-----	-----	-----	-----	-----	-----
	Accurate recording of measurements	5.29	5.22	-----	√	-----	medium (**)	-
	Understanding of what is involved in the process of surveying	5.64	5.00	-----	√	-----	medium (***)	-
Instrument Survey	Using a level	5.38	5.25	-----	√	-----	weak (*)	-
	Using a total station	4.80	5.17	√ (*)	-----	-----	weak	+
	Using a prismatic compass	4.75	-----	-----	-----	-----	-----	-----
	Using an optical square	4.75	-----	-----	-----	-----	-----	-----
	Accurate recording of measurements	5.15	5.30	-----	√	-----	medium (**)	-
	Understanding of what is involved in the process of instrument survey	5.31	4.80	-----	√	-----	none	none
Field	Field walking	-----	-----	-----	-----	-----	-----	-----
	Field survey	-----	-----	-----	-----	-----	-----	-----
	Understanding of what is involved in the process of field survey	-----	-----	-----	-----	-----	-----	-----

Task Category	Tasks	Score differences between Students and Supervisors (Wilcoxon test of comparison)					Correlation between Students and Supervisors Ratings (†)	
		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	-----	-----	-----	-----	-----	-----
	Using a resistance meter	5.40	-----	-----	-----	-----	-----	-----
	Understanding of what is involved in the process of geophysical survey	5.50	-----	-----	-----	-----	-----	-----
Transferable skills	Communication	5.69	5.21	-----	∫	-----	none	none
	Independent working	5.85	5.15	-----	-----	∫ (**)	weak	+
	Team working	5.54	5.21	-----	∫	-----	none	none
	Time management	4.92	4.79	-----	∫	-----	none	none
	Adapting to a new environment	5.38	5.14	----	∫	-----	none	none
	Problem solving	5.54	4.50	-----	-----	∫ (***)	weak	-
	Decision making	5.08	4.43	-----	-----	∫ (*)	none	none
	Social skills	5.54	5.21	-----	∫	-----	none	none
	Analysing qualitative data	5.42	5.00	-----	∫	-----	-----	-----
	Analysing quantitative data	5.25	5.00	-----	∫	-----	-----	-----
	Analysing digital data	-----	-----	-----	-----	-----	-----	-----
	Physical stamina	4.92	4.64	-----	∫	-----	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	-----	-----	∫ (**)	none	none	

