

sulphocyanide was filtered off upon asbestos in a perforated crucible provided with a subsidiary perforated disk (Gooch, Am. Jour. Sci., xx, 11 [1905]) to facilitate the removal of material from the filter.

No attempt was made to transfer all the precipitate to the filter, but the containing beaker and adherent material with the precipitate upon the filter were washed twice. The filtrate was reserved for treatment. The crucible was placed inside the beaker, the disk with the adherent precipitate removed and placed outside the crucible within the beaker, the beaker was covered with a watch-glass, and the cuprous sulphocyanide adhering to beaker, crucible, and disk was treated with a mixture of sulphuric acid and nitric acid. Water was added after complete solution of the precipitate had taken place. The solution was filtered from the asbestos and evaporated to the fuming-point of the sulphuric acid, neutralized with ammonium hydroxide, acidified with a few drops of sulphuric acid, and electrolyzed with the use of the rotary cathode. (Gooch and Medway, Am. Jour. Sci., xv, 320 [1903].) The deposit of copper was weighed.

*Analyses of the Copper Implements from the North and South Kurgans, Cultures I, II, and III.*

No. of sample.	Article.	Locality.	Character of sample.	Silica and insoluble material in nitric acid.	
				Weight taken for analysis.	
				Grams.	Grams.
N.K. 98*	Anau North Kurgan. Awl (?).....	Terrace III, +18 to +20 feet, Culture I.....	Corroded crust.....	0.1303	0.0060
N.K. 93*	Awl (?).....	Terrace V, +28 to +32 feet, Culture II (?).....	do.....	0.1627	0.0116
N.K. 83*	Dagger.....	Terrace VII, on surface at +30 feet, Culture II (?)..	do.....	0.3626	0.0062
N.K. 248*	Rod (?).....	+34 feet, Culture II.....	do.....	0.3413	0.0182
	Anau South Kurgan.				
S.K. 276*	Chisel (?).....	Terrace B, +19 ft.....	do.....	0.1173	0.0221
S.K. 280b*	Tweezers.....	do.....	do.....	0.2036	0.0105
S.K. 274*	Bar (?).....	do.....	Metal slightly corroded	0.5780	0.0014
S.K. 302*	Awl (?).....	do.....	Corroded crust.....	0.0428	0.0040
S.K. 332*	Javelin head.....	Terrace B, +19.5 ft.....	do.....	0.2220	0.0280
S.K. 281*	Spiral-headed pin (?)	Terrace B, +20 to +23 ft..	do.....	0.1290	None.
S.K. 353†	Stamp (?).....	Terrace B, +21 ft.....	Metal not homogeneous	0.5219	0.0012
S.K. 334*	Ornament (?).....	do.....	Corroded crust.....	0.2009	0.0162
S.K. 203*	Ring (?).....	Terrace B, +21 to +23 ft..	Metal clean.....	0.6569	.....
S.K. 166*	Short rod or bar (?)	Terrace B, +21 to +24 ft..	Corroded crust.....	0.1807	0.0272
S.K. 166‡	Short rod or bar (?)	do.....	Metal slightly pitted..	0.8136	0.0041
S.K. 199*	Awl (?).....	Terrace B, +23 ft.....	Corroded crust.....	0.3480	0.0166
S.K. 146*	Sickle.....	Upper dig., +25 to +29 ft.	Metal clean.....	0.6474	.....
S.K. 142‡	Dagger or short sword	Upper dig., +29 to +32 ft.	Metal slightly pitted..	0.6883	0.0010
S.K. 143‡	Razor-shape.....	do.....	Metal clean.....	0.5052	0.0002
S.K. 144*	Rod like a "sound."	do.....	Corroded crust.....	0.2390	0.0175
S.K. 40*	Awl (?).....	Terrace B, +33 ft.....	do.....	0.4599	0.0440
S.K. 97†	Awl (?).....	Upper dig., +33 ft.....	do.....	0.3939	0.0319
S.K. 61*	Dagger.....	Upper dig., +40 ft.....	do.....	0.5793	0.0131
S.K. 141*	Spear.....	Near terrace B.....	do.....	0.5999	0.0331
S.K. 8*	Iron culture three-edged arrow-point	.....	do.....	0.0616	0.0052
S.K. 145*	Iron culture rod (?)	.....	do.....	0.8988	0.0236
S.K. 205*	Mixed culture flat arrow-point.....	Outer dig., +2 to +4 ft....	do.....	0.4400	0.0615
S.K. 247§	Large dagger.....	Terrace B, +21 ft.....	Corroded and soaked with paraffin.	1.0957	.....

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§This specimen was not examined by Professor Gooch till after paraffin had been applied as a preservative.