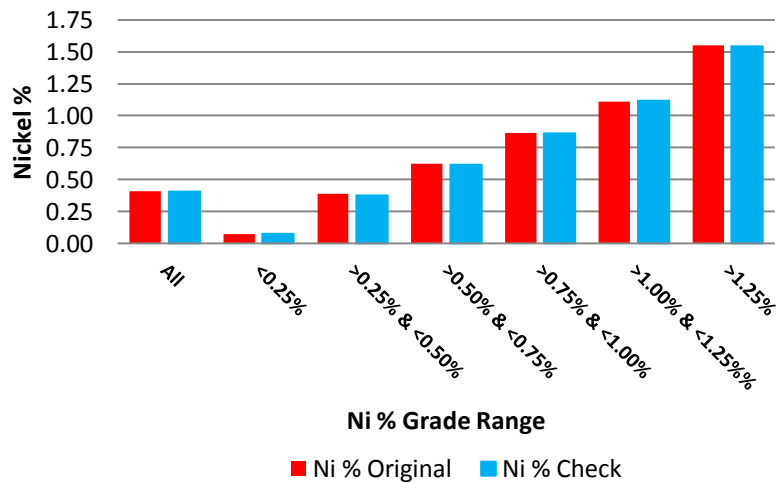


# **Alex Stewart Laboratory**

**Moscow, Russia**

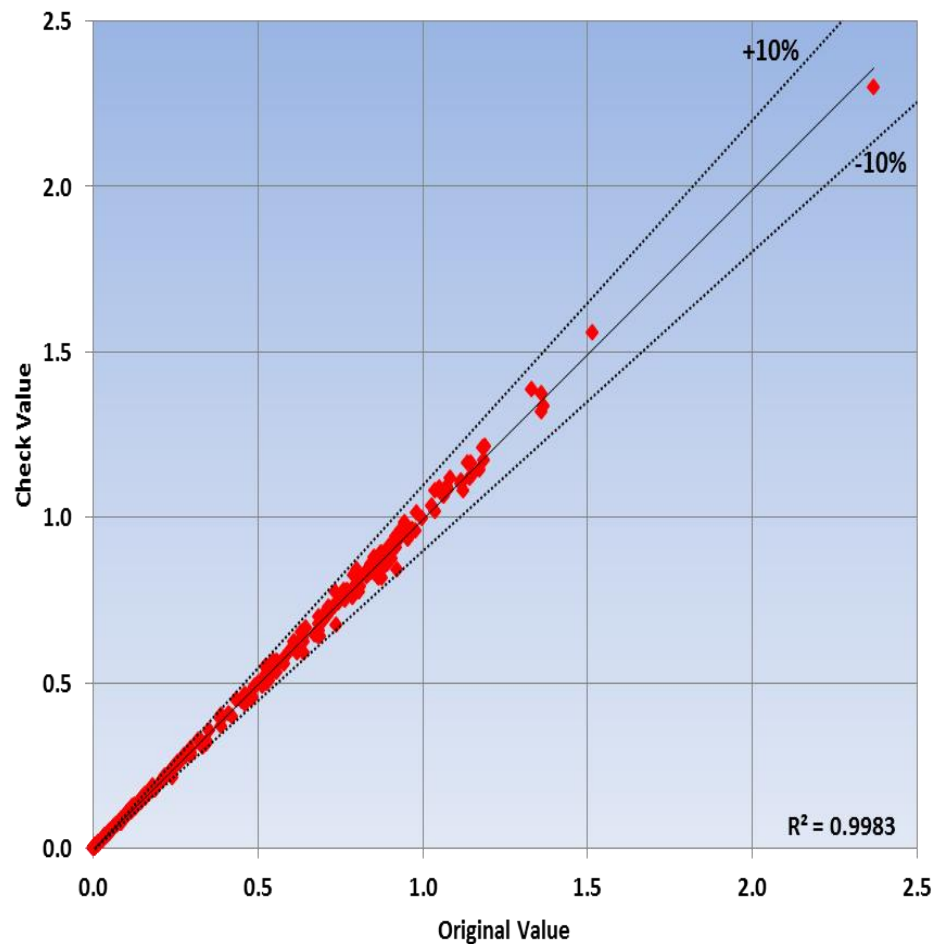
**Nickel and Copper  
Analytical Control Results  
Kun-Manie Sulphide Project  
2018 Programme Results**

### Ni% - Original vs Check Value

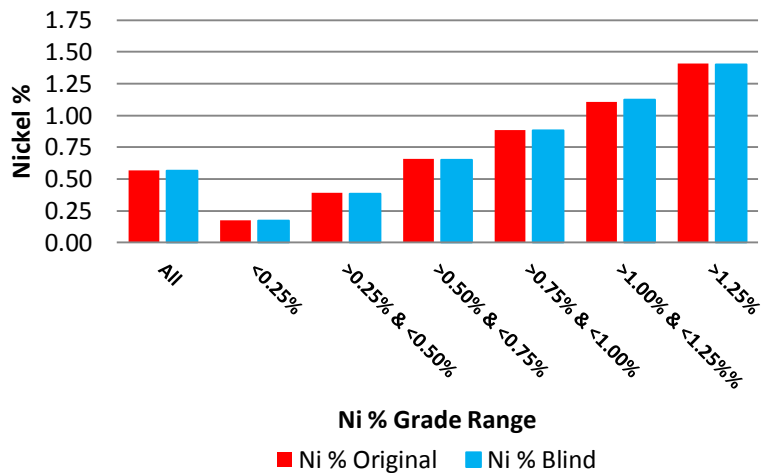


Nickel Grade Range	Samples	Ni % Original	Ni % Second	Ni % Delta
All	324	0.408	0.406	0.5%
<0.25%	165	0.074	0.074	0.0%
>0.25% & <0.50%	35	0.386	0.377	2.3%
>0.50% & <0.75%	42	0.626	0.618	1.3%
>0.75% & <1.00%	55	0.864	0.861	0.3%
>1.00% & <1.25%	21	1.109	1.115	-0.5%
>1.25%	6	1.550	1.546	0.3%

### ASL Internal Control Ni % Results

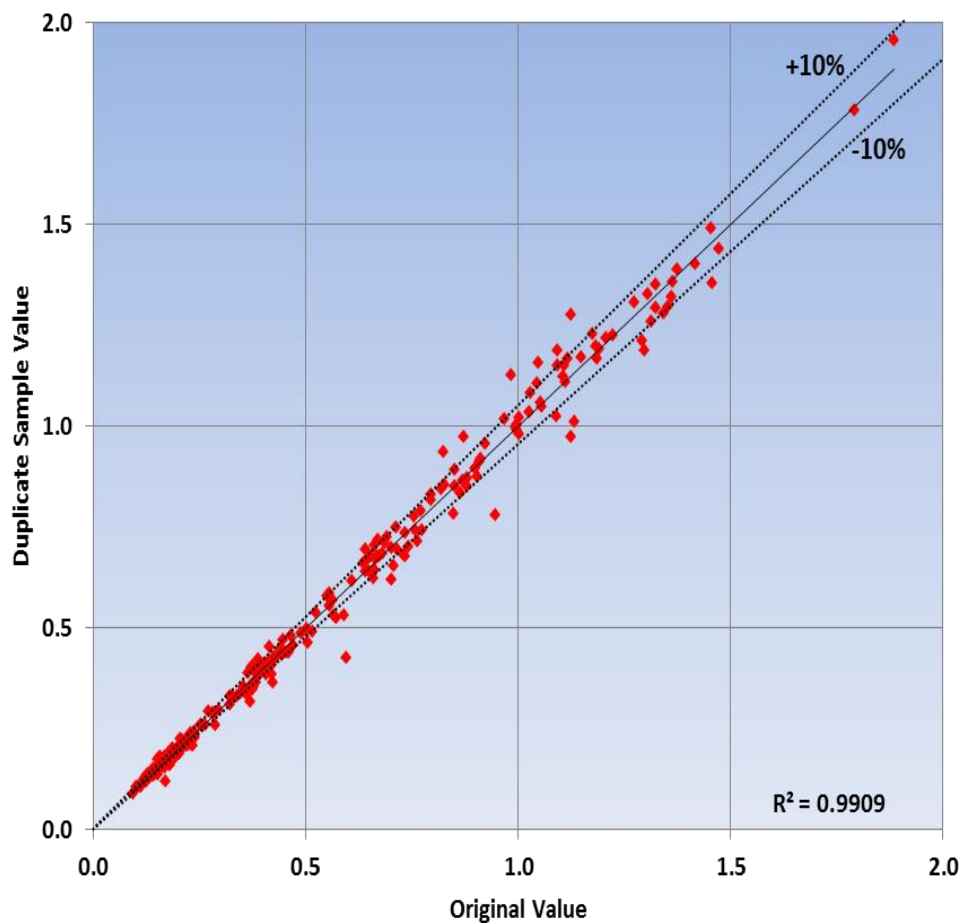


### Ni% - Original vs Blind Sample

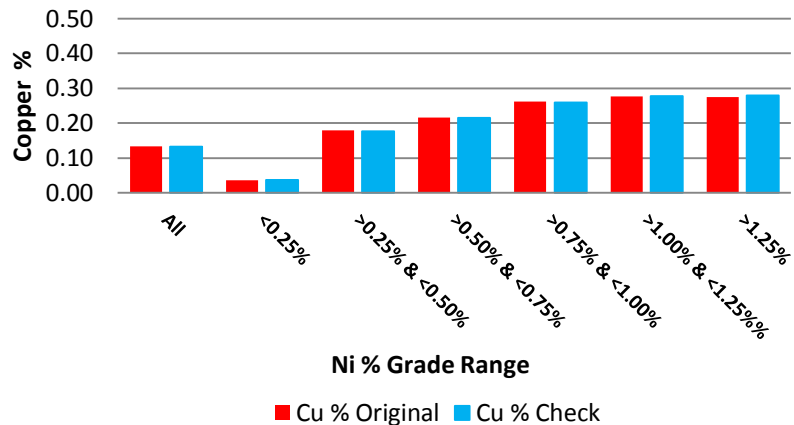


Nickel Grade Range	Samples	Ni % Original	Ni % Blind	Ni % Delta
All	244	0.568	0.566	0.4%
<0.25%	75	0.173	0.172	0.6%
>0.25% & <0.50%	61	0.390	0.383	1.8%
>0.50% & <0.75%	38	0.658	0.653	0.8%
>0.75% & <1.00%	26	0.884	0.881	0.3%
>1.00% & <1.25%	27	1.109	1.125	-1.4%
>1.25%	17	1.408	1.404	0.3%

### ASL Blind Duplicate Ni % Results

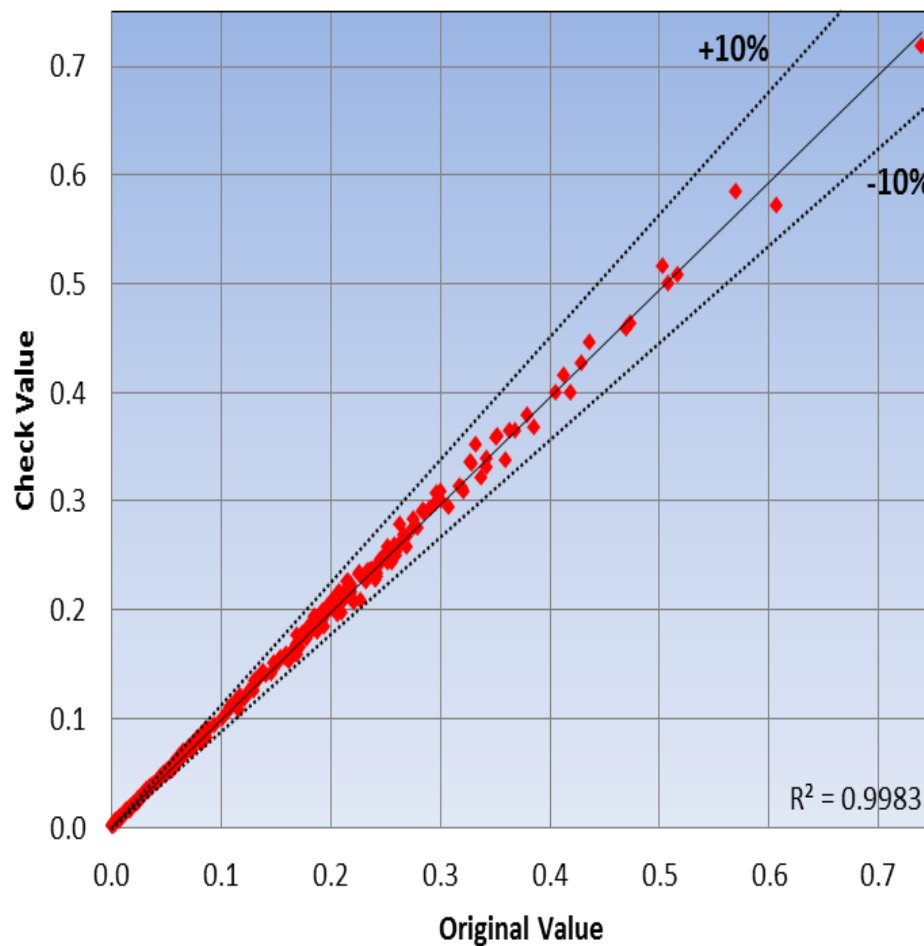


### Cu % - Original vs Check Sample

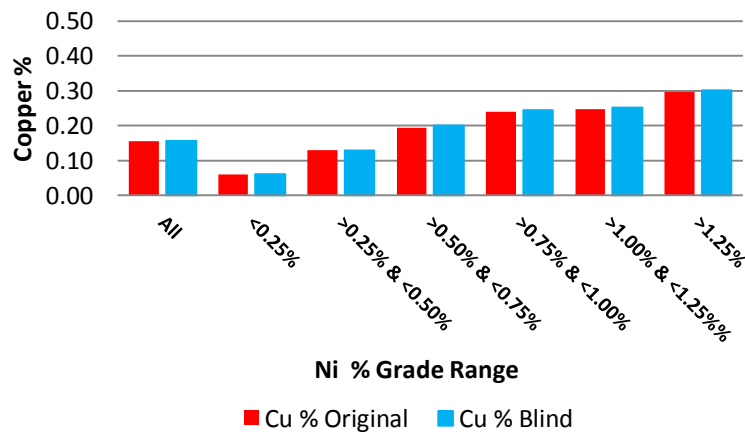


Nickel Grade Range	Samples	Cu % Original	Cu % Check	Cu% Delta
All	324	0.134	0.133	0.7%
<0.25%	165	0.037	0.037	0.0%
>0.25% & <0.50%	35	0.180	0.176	2.2%
>0.50% & <0.75%	42	0.217	0.216	0.5%
>0.75% & <1.00%	55	0.262	0.260	0.8%
>1.00% & <1.25%	21	0.277	0.277	0.0%
>1.25%	6	0.274	0.280	-2.2%

### ASL Internal Control Cu % Results

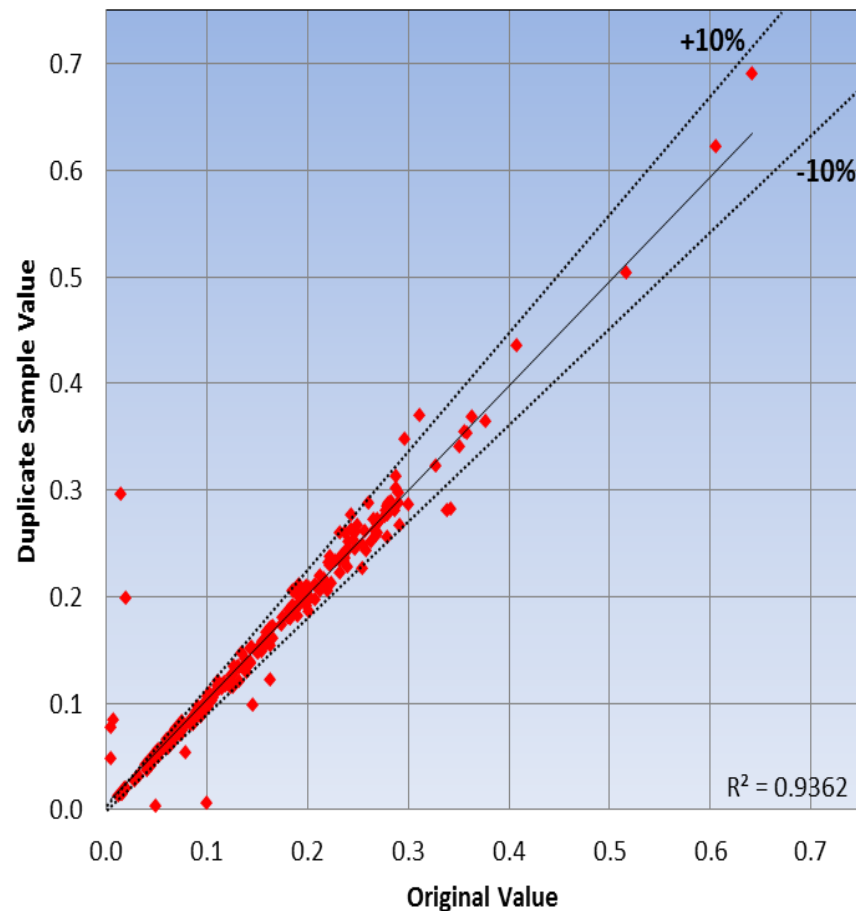


### Cu % - Original vs Blind Sample



Nickel Grade Range	Samples	Cu % Original	Cu % Blind	Cu% Delta
All	244	0.155	0.157	-1.3%
<0.25%	75	0.061	0.061	0.0%
>0.25% & <0.50%	61	0.129	0.129	0.0%
>0.50% & <0.75%	38	0.195	0.201	-3.1%
>0.75% & <1.00%	26	0.240	0.245	-2.1%
>1.00% & <1.25%	27	0.247	0.252	-2.0%
>1.25%	17	0.297	0.301	-1.3%

### ASL Blind Duplicate Cu % Results



# 2018 Quality Assessment Quality Control Sample Summary

