

PRESS RELEASE

CRITICAL ELEMENTS REPORTS HIGH GRADE POLYMETALLIC RESULTS FROM THE NEMASKA BELT PROPERTIES, WITH RESULTS UP TO 5.7% Cu, 0.82% Ni, 0.17% Co, 0.39 g/t Pt, 2.0 g/t Pd, 14.8 g/t Au and over 100 g/t Ag

November 4th, 2025 - MONTRÉAL, QUÉBEC – Critical Elements Lithium Corporation (TSX-V: CRE) (US OTCQX: CRECF) (FSE: F12) ("**Critical Elements**" or the "**Corporation**") is pleased to announce the latest results from the 2025 summer exploration program completed on Critical Elements' 100%-owned Nemaska Belt properties group, in the Eeyou Istchee region of Québec (**Figure 1**).

An important helicopter-borne electromagnetic VTEM plus time-domain system ("**VTEM**") survey covering the Nemaska Belt properties was designed to provide data incremental to the high-resolution magnetic survey completed in 2021. These datasets aided the exploration surface program targeting potentially economic mineralization, including high-grade nickel-copper-PGE and lithium-bearing spodumene.

Interest in high-grade nickel-copper-PGE mineralization in the region has increased with the exploration success of Power Metallic Mines Inc. ("**Power Metallic**"), formerly Chilean Metals Inc. Critical Elements optioned the Nisk Property to Power Metallic in 2020 ([see press release dated December 23, 2020](#)). Following the exercise of the option agreement by Power Metallic on the Property hosting the Ni-Cu-PGE Nisk deposit and the new polymetallic Lion discovery, Critical Elements retains a non-dilutive interest of 20% until a definitive feasibility study regarding extraction and production activities is completed on the Nisk property. Critical Elements also held just over 10 million shares of Power Metallic as of May 31, 2025 ([Condensed Interim Financial Statements for the nine-month period ending May 31, 2025](#)).

"We are very excited by these new preliminary exploration results on the Nemaska Belt properties and the upcoming winter drill program to test the resultant targets", noted CEO Jean-Sébastien Lavallée. "We are also excited to resume expansion drilling this winter on the Rose West lithium discovery within 10 km of our flagship Rose lithium project. These near-term exploration initiatives should demonstrate the significant potential of our extensive land package in Eeyou Istchee, Québec, one of the leading mining jurisdictions globally. Our long-term objective, however, remains to develop the Rose project, one of the most advanced hard rock lithium projects in North America. To this end, discussions with potential strategic partners have continued fruitfully as the lithium market appears to be reemerging from its hiatus."

Mineralized Zones

During the 2025 summer exploration program, multiple mineralized zones were identified through rock sampling in areas coinciding with electromagnetic anomalies (VTEM conductors). The mineralization is dominated by pyrrhotite and pyrite (iron sulfides) with chalcopyrite (copper sulfide) and/or pentlandite (iron-nickel sulfide). Surface exploration confirmed historical showings and identified newly prospective areas. The exploration program was designed to maximize geochemical coverage and assist in defining targets for future drill testing (**Table 1, 2 and 3, Figures 1, 2 and 3**).

The best new results from the 452 rock samples that were still pending (**Table 1 and 3**) from the 1,091 rock samples collected during the summer campaign are shown below (**Table 2 for previously announced results**) ([see press release dated September 11, 2025](#)). Of these samples:

- **58 grab samples grading 0.1% or above copper, with values up to 5.70% copper**
- **50 grab samples grading 0.1% or above nickel, with values up to 0.82% nickel**
- **6 grab samples grading 0.05% or above cobalt, with values up to 0.17% cobalt**

- 20 grab samples grading 0.1 g/t or above platinum, with value up to 0.39 g/t platinum
- 56 grab samples grading 0.1 g/t or above palladium, with values up to 2.0 g/t palladium
- 10 grab samples grading above 1.0 g/t gold, with values up to 14.80 g/t gold
- 70 grab samples grading 1.0 g/t or above silver, with values up to over 100 g/t silver
- 15 grab samples grading above 0.5% Li₂O, with values up to 2.10% Li₂O

Grab samples are selective by nature, unlikely to represent average grades, and may not represent true underlying mineralization.

Figure 1: Map showing the best Cu-Ni-Co-Pt-Pd-Au Results

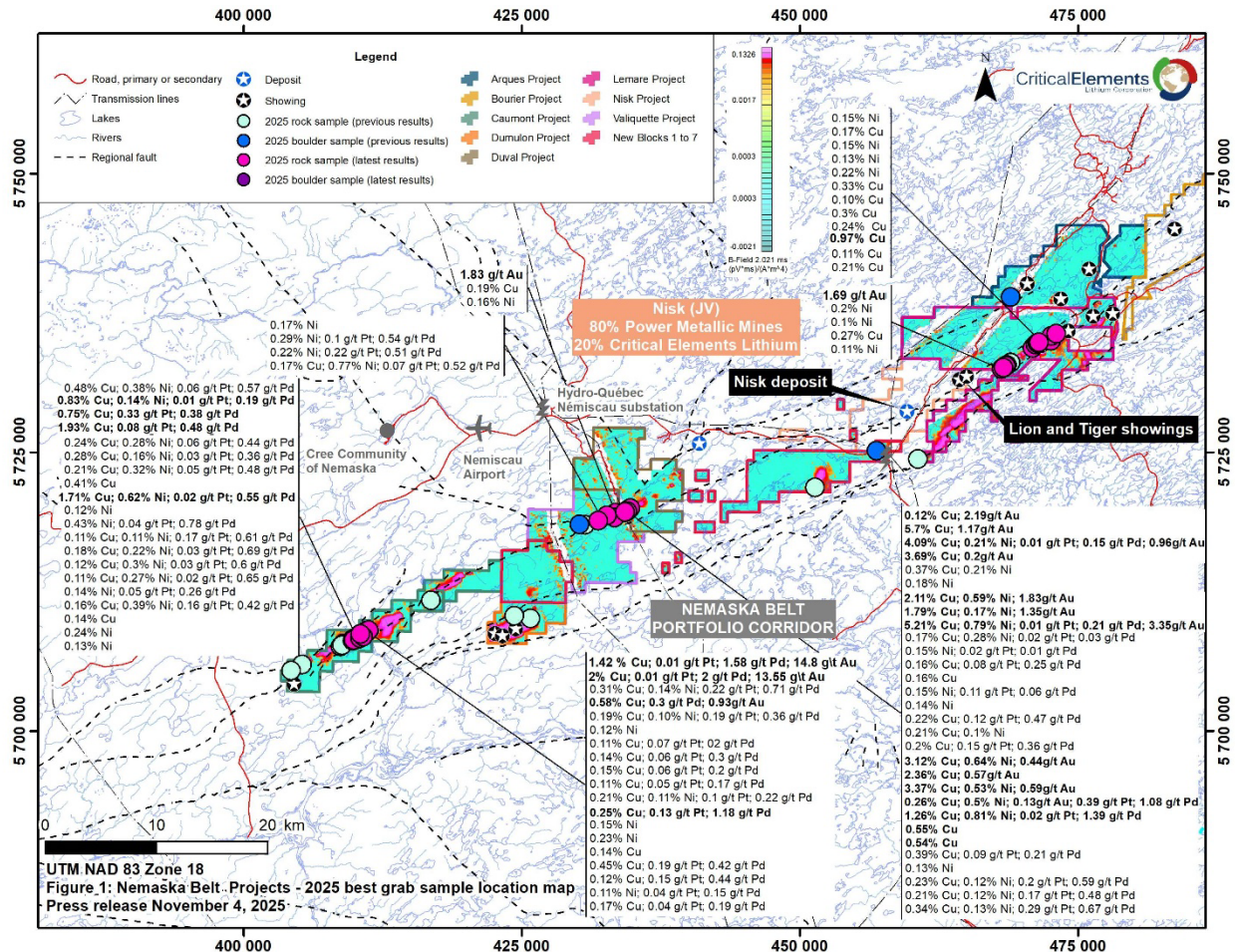


Table 1: Best 2025 New Samples Cu-Ni-Co-Pt-Pd-Au-Ag results

Sample #	Easting UTM	Northing UTM	Cu %	Ni %	Co %	Pt g/t	Pd g/t	Au g/t	Ag g/t
G437173	411101	5708872	0.19*	0.10*	0.02*	0.19	0.36	0.006	0.8*
G437175	411118	5708958	0.08*	0.03*	0.01*	0.06	0.14	0.005	0.0*
G437176	411122	5708961	0.11*	0.05*	0.01*	0.07	0.20	0.005	0.0*
G437177	411124	5708964	0.14*	0.08*	0.02*	0.06	0.30	0.000	0.0*
G437178	411126	5708964	0.15*	0.07*	0.01*	0.06	0.20	0.006	0.6*
G437179	411129	5708967	0.11*	0.04*	0.01*	0.05	0.17	0.000	0.5*
G437180	411134	5708971	0.21*	0.11*	0.02*	0.1	0.22	0.006	0.0*
G437181	411246	5709040	0.25*	0.08*	0.01*	0.13	1.18	0.007	0.6*
G437183	411248	5709041	0.01*	0.09*	0.01*	0.05	0.17	0.011	0.0*
G437184	411248	5709041	2.00*	0.03*	0.01*	0.00	2.00	13.55	13.2*

Sample #	Easting UTM	Northing UTM	Cu %	Ni %	Co %	Pt g/t	Pd g/t	Au g/t	Ag g/t
G437185	411248	5709041	1.42*	0.03*	0.01*	0.00	1.58	14.80	8.5*
G437186	411267	5709043	0.08*	0.03*	0.01*	0.06	0.12	0.019	0.0*
G437214	430608	5712528	0.04	0.02	0.00	N/A	N/A	0.009	2.7
G437231	468196	5732546	0.00*	0.00*	0.00	N/A	N/A	1.69	0.9*
G437482	468495	5732739	0.00	0.20	0.01	N/A	N/A	N/A	0.0
G437522	470911	5734341	0.01	0.13	0.01	N/A	N/A	N/A	0.0
G437559	404598	5704200	0.01	0.00	0.01	0.00	0.00	0.00	1.3
G437563	404496	5704124	0.03	0.01	0.01	0.00	0.00	0.00	3.4
G437705	434370	5719636	0.37	0.21	0.02	N/A	N/A	N/A	5.6
G437707	434228	5719662	0.00	0.18	0.03	N/A	N/A	N/A	0.0
G437708	434198	5719607	0.06	0.00	0.01	N/A	N/A	N/A	1
G437716	472557	5734986	0.00	0.15	0.01	N/A	N/A	N/A	0.0
G437733	433560	5719568	0.01	0.01	0.02	0.00	0.00	0.01	1.0
G437741	409788	5708115	0.00	0.12	0.01	N/A	N/A	N/A	0.0
G437768	410717	5708497	0.05	0.09	0.02	0.04	0.13	0.00	0.0
G437769	410764	5708501	0.06	0.04	0.01	0.03	0.15	0.01	0.0
G437774	433674	5719434	0.00	0.16	0.01	N/A	N/A	N/A	0.0
G437778	433433	5719584	0.19	0.00	0.01	0.01	0.00	0.00	2.4
G437785	433335	5719145	N/A	N/A	N/A	N/A	N/A	1.84	N/A
G437787	433403	5719278	0.08	0.01	0.01	N/A	N/A	N/A	1.3
G437791	473576	5735035	0.03	0.00	0.00	0.00	0.01	0.03	1.2
G437796	473890	5735320	0.04	0.02	0.01	0.01	0.01	0.03	2.0
G437799	432665	5719344	0.00	0.17	0.01	N/A	N/A	N/A	0.5
H862196	462278	5733634	0.01	0.00	0.00	N/A	N/A	N/A	1.1
H862199	435888	5721637	0.04	0.01	0.01	N/A	N/A	N/A	1.1
H862211	472580	5735435	0.00	0.15	0.01	N/A	N/A	N/A	0.0
H862216	439188	5723121	0.02	0.00	0.01	0.00	0.00	0.00	1.6
H862222	410549	5708717	0.00	0.15	0.01	0.01	0.00	0.00	0.0
H862223	410523	5708720	0.00	0.23	0.01	0.00	0.00	0.00	0.0
H862225	410888	5708761	0.14	0.01	0.01	0.00	0.00	0.11	0.8
H862232	404238	5704280	0.05	0.02	0.01	0.00	0.00	0.01	1.4
H862235	404371	5703731	0.02	0.00	0.00	0.00	0.00	0.00	1.4
H862253	465555	5735317	0.01	0.01	0.01	N/A	N/A	N/A	1.0
H862646	468111	5732492	0.00	0.10	0.01	N/A	N/A	N/A	0.0
H862649	468280	5732592	0.27	0.02	0.01	0.00	0.03	0.03	1.2
H862651	468280	5732593	0.02	0.11	0.01	0.01	0.01	0.00	0.0
H862652	468176	5732738	0.03	0.01	0.01	0.00	0.00	0.00	1.1
H862654	471169	5734659	0.00	0.22	0.01	N/A	N/A	N/A	0.0
H862659	471353	5734785	0.33	0.02	0.01	0.01	0.02	0.00	0.9
H862664	471475	5734851	0.10	0.04	0.02	0.00	0.00	0.02	0.8

Sample #	Easting UTM	Northing UTM	Cu %	Ni %	Co %	Pt g/t	Pd g/t	Au g/t	Ag g/t
H862667	434495	5719723	0.06	0.01	0.01	0.00	0.01	0.01	1.4
H862668	434496	5719724	2.11	0.59	0.05	0.02	0.07	1.83	35.5
H862669	434497	5719725	1.79	0.17	0.02	0.01	0.04	1.35	26.4
H862671	434498	5719725	5.21	0.79	0.08	0.01	0.21	3.35	50.8
H862672	434500	5719726	0.17	0.28	0.02	0.02	0.03	0.06	3.5
H862673	434515	5719783	0.12	0.06	0.01	0.01	0.01	2.19	5.7
H862674	434542	5719802	0.00	0.15	0.01	0.02	0.01	0.01	0.0
H862675	434566	5719784	0.16	0.05	0.01	0.08	0.25	0.05	0.9
H862676	434563	5719786	0.16	0.01	0.00	0.00	0.00	0.16	0.8
H862677	434584	5719868	0.00	0.14	0.01	0.00	0.00	0.00	0.0
H862678	434628	5719865	5.70	0.02	0.00	0.01	0.00	1.17	24
H862679	434631	5719869	3.69	0.04	0.01	0.01	0.01	0.2	15.6
H862681	434643	5719881	0.22	0.07	0.01	0.12	0.47	0.04	1.1
H862682	434656	5719896	0.21	0.10	0.02	0.02	0.06	0.05	1.0
H862683	434658	5719899	3.12	0.64	0.02	0.00	0.02	0.44	11.3
H862684	471449	5734833	0.30	0.03	0.02	0.00	0.00	0.00	1.5
H862685	471451	5734834	0.24	0.02	0.02	0.01	0.00	0.01	2.9
H862686	471447	5734834	0.97	0.00	0.00	0.00	0.00	0.01	6.8
H862687	471461	5734846	0.11	0.01	0.01	0.00	0.00	0.01	1.2
H862691	471488	5734862	0.30	0.02	0.01	0.01	0.00	0.00	1.4
H862692	471486	5734861	0.22	0.01	0.00	0.00	0.01	0.01	1.4
H862702	419311	5764054	0.00	0.00	0.00	N/A	N/A	N/A	6.0
H862705	434655	5719881	0.20	0.04	0.01	0.15	0.36	0.03	1.1
H862706	434655	5719895	2.36	0.04	0.01	0.01	0.01	0.57	13.4
H862707	434658	5719900	3.37	0.53	0.03	0.01	0.02	0.59	14.2
H862708	434660	5719898	0.26	0.50	0.06	0.39	1.08	0.13	1.9
H862711	434668	5719890	1.27	0.82	0.17	0.02	0.39	0.71	7.5
H862712	434668	5719889	0.55	0.04	0.01	0.02	0.04	0.12	2.8
H862715	434652	5719889	0.39	0.05	0.01	0.09	0.21	0.07	1.8
H862716	434700	5719930	0.03	0.13	0.01	0.01	0.01	0.02	0.0
H862717	434702	5719932	0.54	0.07	0.01	0.00	0.01	0.15	3.2
H862719	434745	5719949	0.04	0.04	0.01	0.07	0.22	0.03	0.0
H862721	434769	5719973	0.23	0.12	0.01	0.2	0.59	0.05	0.8
H862722	434768	5719974	0.21	0.10	0.01	0.17	0.48	0.04	0.7
H862723	434767	5719975	0.34	0.13	0.01	0.29	0.67	0.07	1.4
H862729	411113	5709014	0.45	0.08	0.03	0.19	0.42	0.03	2.0
H862731	411108	5709006	0.07	0.02	0.01	0.00	0.00	0.01	1.6
H862732	411109	5709008	0.05	0.01	0.00	N/A	N/A	0.01	1.2
H862733	411107	5709008	0.12	0.07	0.03	0.15	0.44	0.03	2.4
H862735	411180	5708993	0.02	0.11	0.01	0.04	0.15	0.00	0.0

Sample #	Easting UTM	Northing UTM	Cu %	Ni %	Co %	Pt g/t	Pd g/t	Au g/t	Ag g/t
H862736	411182	5708980	0.06	0.04	0.01	0.03	0.12	0.00	0.0
H862739	410288	5708275	0.03	0.03	0.01	0.08	0.30	0.00	0.0
H862741	410284	5708273	0.49	0.38	0.05	0.06	0.57	0.02	1.8
H862742	410277	5708268	0.83	0.14	0.02	0.01	0.19	0.01	2.6
H862743	410270	5708263	0.75	0.04	0.01	0.33	0.38	0.01	2.0
H862744	410265	5708258	1.93	0.07	0.01	0.08	0.48	0.02	3.5
H862745	410263	5708255	0.24	0.28	0.03	0.06	0.44	0.01	1.1
H862746	410253	5708240	0.28	0.16	0.02	0.03	0.36	0.01	1.2
H862747	410238	5708232	0.07	0.03	0.00	0.06	0.27	0.00	0.0
H862748	410253	5708265	0.21	0.32	0.03	0.05	0.48	0.01	0.8
H862749	410176	5708247	0.41	0.01	0.00	0.01	0.01	0.08	2.4
H862751	410135	5708218	0.06	0.01	0.01	0.00	0.00	0.04	1.7
H862752	410264	5708253	1.71	0.62	0.08	0.02	0.55	0.02	4.2
H862753	409938	5708125	0.08	0.43	0.05	0.04	0.78	0.02	0.5
H862754	409941	5708120	0.11	0.11	0.01	0.17	0.61	0.01	0.8
H862755	409845	5708244	0.18	0.22	0.02	0.03	0.69	0.01	0.8
H862756	409843	5708242	0.12	0.30	0.03	0.03	0.6	0.01	0.7
H862757	409843	5708243	0.11	0.27	0.03	0.02	0.65	0.01	0.5
H862759	409924	5708160	0.06	0.15	0.01	0.05	0.26	0.00	1.6
H862760	409923	5708161	0.16	0.39	0.03	0.16	0.42	0.01	4.5
H862764	411136	5708972	0.17	0.09	0.01	0.04	0.19	0.00	0.0
H862766	411247	5709037	0.05	0.04	0.01	0.10	0.41	0.00	0.0
H862767	411246	5709040	0.31	0.14	0.01	0.22	0.71	0.00	0.5
H862768	411248	5709041	0.58	0.02	0.00	0.00	0.30	0.93	1.6
H862769	411273	5709055	0.09	0.04	0.01	0.18	0.20	0.01	0.0
H862776	434498	5719725	4.09	0.21	0.03	0.01	0.15	4.96	>100
H862782	434305	5719638	0.02	0.15	0.01	0.11	0.06	0.01	0.0
H862783	434508	5719740	0.09	0.03	0.01	0.08	0.19	0.01	0.7
H862791	473033	5735619	0.17	0.08	0.02	0.00	0.01	0.01	1.1
H862795	431884	5718866	0.17	0.77	0.07	0.07	0.52	0.01	14.1
H862796	431882	5718866	0.06	0.29	0.03	0.10	0.54	0.01	6.3
H862797	431880	5718865	0.06	0.22	0.03	0.22	0.51	0.01	7.1
H862620	410524	5708220	0.06	0.01	0.01	0.00	0.00	0.01	1.0
H862621	410487	5708334	0.14	0.06	0.01	0.03	0.09	0.01	0.0
H862623	410509	5708726	0.00	0.24	0.01	0.00	0.00	0.00	0.0
H862625	410751	5708484	0.01	0.13	0.01	0.01	0.01	0.01	0.0

N/A: Not Analysed

* Value already released, see press release September 11, 2025

Grab samples are selective by nature, unlikely to represent average grades, and may not represent true underlying mineralization.

Table 2: Best 2025 Previous Samples Cu-Ni-Co-Pt-Pd-Au-Ag Results

Previous results Sample #	Easting UTM	Northhing UTM	Cu %	Ni %	Co %	Pt g/t	Pd g/t	Au g/t	Ag g/t
G437035	451867	5722962	0.03	0.01	0.01	0.00	0.00	0.01	1.8
G437036	451873	5722974	0.02	0.01	0.01	0.00	0.00	0.02	1.6
G437039	451853	5723202	0.02	0.01	0.00	0.00	0.00	0.02	1.6
G437044	451720	5722952	0.00	0.00	0.00	0.00	0.00	0.01	1.0
G437045	451720	5722951	0.01	0.00	0.00	0.00	0.00	0.01	2.9
G437046	451721	5722952	0.02	0.02	0.00	0.01	0.02	0.04	2.5
G437054	451770	5722743	0.04	0.03	0.03	0.01	0.01	0.02	6.3
G437059	451640	5722663	0.01	0.01	0.01	0.01	0.01	0.01	1.4
G437064	451373	5721840	0.17	0.01	0.00	0.00	0.00	0.01	0.9
G437083	468938	5738920	0.13	0.03	0.01	0.00	0.00	0.02	0.9
G437091	430749	5718153	0.01	0.01	0.03	0.01	0.02	0.00	2.6
G437093	430711	5718487	0.00	0.12	0.01	0.00	0.00	0.00	0.0
G437094	430177	5718546	0.01	0.11	0.01	0.02	0.01	0.00	0.0
G437095	427701	5716748	0.03	0.01	0.01	0.00	0.00	0.00	2.1
G437102	427614	5716632	0.07	0.01	0.01	0.00	0.00	0.01	1.3
G437152	408972	5707811	0.01	0.06	0.01	0.04	0.15	0.00	0.0
G437153	408968	5707806	0.01	0.08	0.01	0.04	0.17	0.00	0.0
G437155	408971	5707823	0.01	0.11	0.01	0.00	0.00	0.00	0.0
G437157	408968	5707838	0.04	0.31	0.02	0.07	0.29	0.00	0.0
G437158	408909	5707800	0.01	0.14	0.01	0.03	0.10	0.00	0.0
G437159	408905	5707718	0.10	0.07	0.01	0.03	0.17	0.00	0.5
G437165	408870	5707692	0.07	0.31	0.03	0.05	0.16	0.00	0.0
G437166	408712	5707578	0.00	0.13	0.01	0.01	0.01	0.00	0.0
G437200	416837	5711736	0.00	0.11	0.01	0.00	0.00	0.00	0.0
G437203	419139	5713303	0.05	0.01	0.01	<i>N/A</i>	<i>N/A</i>	0.05	1.3
G437205	419155	5713319	0.05	0.03	0.02	<i>N/A</i>	<i>N/A</i>	0.036	1.1
G437226	467997	5732573	0.02	0.01	0.04	0.00	0.01	0.02	1.0
G437227	468070	5732586	0.02	0.01	0.01	0.00	0.00	0.00	1.0
G437230	468245	5732563	0.00	0.17	0.01	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	0.0
G437232	468197	5732544	0.00	0.19	0.01	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	0.0
G437243	463492	5726183	0.09	0.01	0.00	<i>N/A</i>	<i>N/A</i>	0.02	1.7
G437314	480348	5741578	0.01	0.00	0.00	<i>N/A</i>	<i>N/A</i>	0.012	13.6
G437383	464135	5727577	0.03	0.01	0.01	0.01	0.00	0.00	1.0
G437386	464384	5727704	0.04	0.02	0.01	0.01	0.01	0.01	2.5
G437417	425419	5709482	0.02	0.00	0.00	<i>N/A</i>	<i>N/A</i>	0.02	1.3
G437432	404009	5705421	0.10	0.01	0.00	0.00	0.00	0.00	3.1
G437433	403996	5705420	0.03	0.04	0.01	0.00	0.01	0.01	2.1
G437434	403821	5705213	0.07	0.01	0.00	0.00	0.00	0.00	1.2
G437435	404290	5705427	0.01	0.00	0.05	0.00	0.01	0.00	1.0

Previous results Sample #	Easting UTM	Northhing UTM	Cu %	Ni %	Co %	Pt g/t	Pd g/t	Au g/t	Ag g/t
G437445	410059	5708265	0.00	0.14	0.01	N/A	N/A	N/A	0.0
G437446	410058	5708293	0.00	0.18	0.01	0.00	0.00	0.01	0.0
G437447	410052	5708326	0.00	0.17	0.01	0.00	0.00	0.00	0.0
G437448	410258	5708248	0.33	0.76	0.07	0.03	0.62	0.01	1.0
G437449	410260	5708252	0.54	0.14	0.02	0.06	0.62	0.03	1.6
G437450	410267	5708262	0.22	0.12	0.01	3.38	0.15	N/A	0.0
G437461	460598	5724400	0.01	0.12	0.01	0.01	0.01	0.01	0.0
G437462	460596	5724397	0.00	0.17	0.01	0.01	0.00	0.02	0.0
G437471	468943	5733033	0.00	0.12	0.01	N/A	N/A	N/A	0.0
G437473	468598	5732810	0.00	0.19	0.01	N/A	N/A	N/A	0.0
G437474	468566	5732786	0.00	0.25	0.01	N/A	N/A	N/A	0.0
G437475	464199	5727661	0.05	0.03	0.01	0.00	0.01	0.01	1.2
G437476	464172	5727626	0.06	0.03	0.02	0.00	0.00	0.01	1.7
G437480	463535	5727167	0.01	0.00	0.00	N/A	N/A	N/A	1.3
H862122	425787	5710097	0.15	0.04	0.01	0.00	0.01	0.02	1.6
H862502	456873	5725150	0.00	0.13	0.01	N/A	N/A	N/A	0.0
H862577	426170	5718938	0.03	0.00	0.00	N/A	N/A	N/A	1.8
H862603	424322	5710333	0.17	0.00	0.00	N/A	N/A	N/A	1.2

N/A: Not Analysed

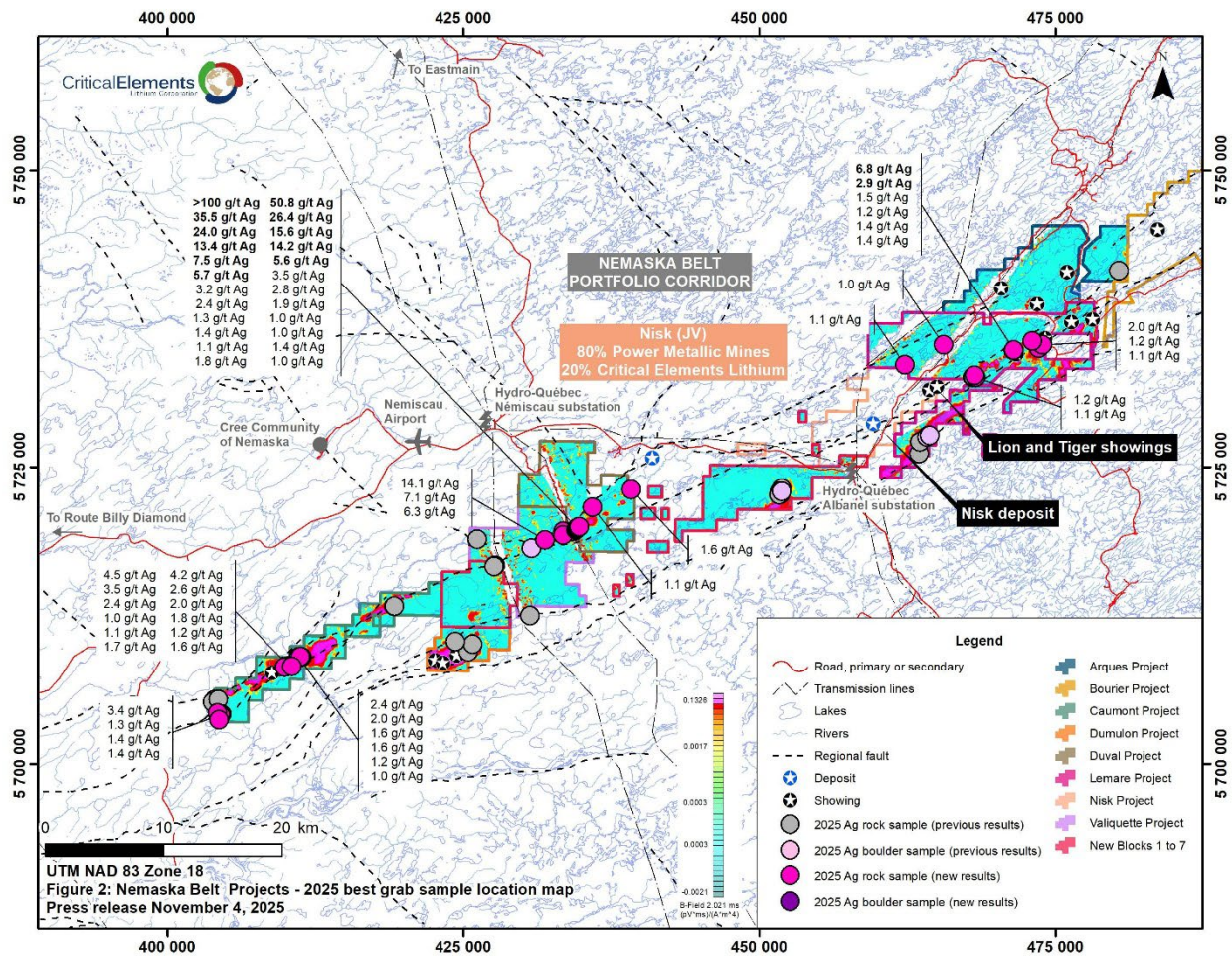
Grab samples are selective by nature, unlikely to represent average grades, and may not represent true underlying mineralization.

Critical Elements' 100%-owned Nemaska Belt properties consist of 1,052 Exclusive Exploration Rights across ten different property blocks, covering a total of 540 km². The portfolio spans over 100 km of the Nisk structure and its associated volcano-sedimentary belt. This east-northeast-oriented belt features recognized potential for lithium-associated pegmatite dykes and copper, nickel, and PGE mineralization associated with ultramafic rocks.

Now that all the results from this surface program are received, these results and previous geophysical surveys will be incorporated to refine targeting for a planned 2026 winter drill program. This drill program will test the newly generated high-grade nickel-copper-PGE and lithium-bearing spodumene drill targets. The program will also seek to expand the mineralized footprint of the Rose West Discovery. Rose West lies within the 395 km² Rose Lithium-Tantalum and Rose South property blocks and is located less than 10 km west of the Corporation's flagship Rose Lithium-Tantalum Project ([see press release dated April 22, 2024](#)). As a reminder, the Rose Lithium-Tantalum Project Feasibility Study published in August 2023 ([see press release dated August 29, 2023](#)) returned an after-tax NPV_{8%} of US\$2.2 billion and an after-tax IRR of 65.7%.

Management continues to be engaged in assembling the funding required to make a final investment decision on the Rose project. These efforts build on the \$20 million conditional funding from Natural Resources Canada's Critical Minerals Infrastructure Fund ([see press release dated February 6, 2025](#)) and the support letter from a leading Canadian financial institution stating its interest in providing long term debt financing of up to US\$115 million (approximately C\$150 million) of project debt ([see press release dated February 10, 2025](#)).

Figure 2: Map showing the best silver results



Detailed map and data are available on Critical Elements' website at <https://www.cec corp.ca/en/nemaska-belt-vtem-en-2025-11-04/> and <https://www.cec corp.ca/en/map-mag-survey-nemaska-belt-with-results-en-2025-11-04/>

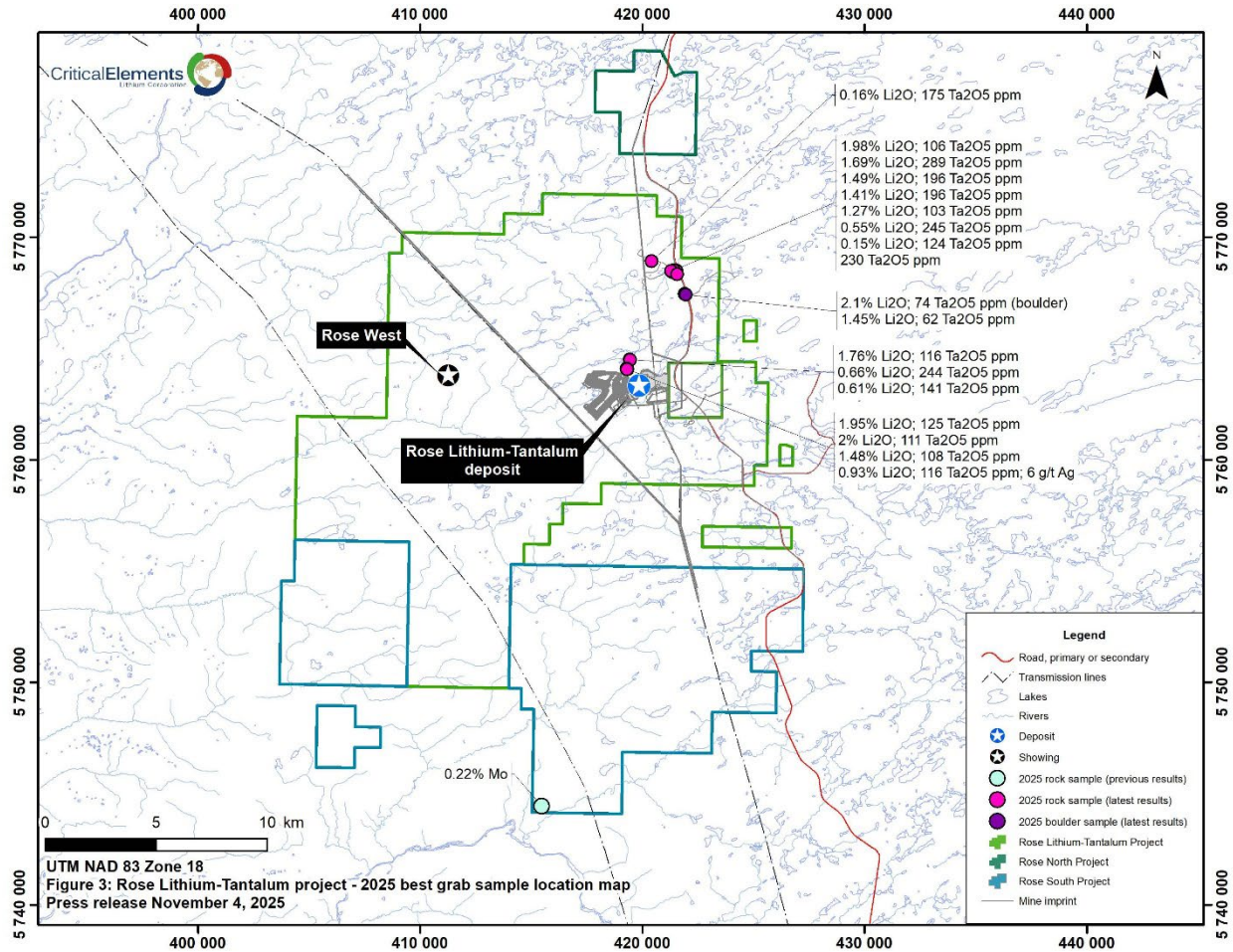
Table 3: Selected New Lithium-Tantalum Results from Rose

Sample #	Easting UTM	Northhing UTM	Li ₂ O %	Ta ₂ O ₅ ppm
G437577	420410	5768917	0.16	175
G437581	421508	5768496	1.98	106
G437582	421532	5768492	0.15	124
G437583	421414	5768512	1.27	103
G437584	421341	5768428	1.69	289
G437585	421317	5768440	1.41	196
G437586	421297	5768471	1.49	196

Sample #	Easting UTM	Northhing UTM	Li ₂ O %	Ta ₂ O ₅ ppm
G437587	421285	5768470	0.55	245
G437588	421563	5768319	0.01	230
G437598	421909	5767451	2.10	74
G437722	419424	5764495	1.76	116
G437723	419435	5764492	0.61	141
G437724	419449	5764478	0.66	244
H862261	421947	5767408	1.45	62
H862698	419296	5764083	2.00	111
H862699	419326	5764051	1.95	125
H862701	419317	5764053	1.48	108
H862702	419311	5764054	0.93	116

Grab samples are selective by nature, unlikely to represent average grades, and may not represent true underlying mineralization.

Figure 3: Map of the Rose Property showing the best Lithium-Tantalum results



Quality assurance/quality control

Quality assurance and quality control procedures have been implemented to ensure best practices in sampling and analysis of the samples. Standards and blanks were regularly inserted into the sample stream. The samples were delivered in secure, tagged bags to the ALS Minerals laboratory facility in Val-d'Or, Quebec. The samples are weighed and identified prior to sample preparation. Rock samples were crushed to 70% minus 2 mm, then separated and pulverized to 85% passing 75 µm. Samples were assayed for a 33-elements suite using a four-acid digestion method (ME ICP 61) with re-assay of values over 10,000 ppm for copper using a four-acid digestion and ICP finish (Cu-OG62). Gold, platinum and palladium were analyzed by fire assay with an ICP-AES finish (PGM-ICP-27). Gold was analyzed using fire assay only, when PGE mineralization was not suspected (Au-AA23). When Lithium-mineralization was identified, samples were assayed using a peroxide-fusion method (ME-MS89L). Gold values above 10 g/t were re-assayed by fire assay with a gravimetric finish (GRA-21).

Qualified Person

François Gagnon, P. Geo, Operations Director – Québec for Dahrouge Geological Consulting Ltd., is the Qualified Person who has reviewed and approved the data and technical content of this press release on behalf of the Corporation.

About Critical Elements Lithium Corporation

Critical Elements aspires to become a large, responsible supplier of lithium to the flourishing electric vehicle and energy storage system industries. To this end, Critical Elements is advancing the wholly-owned, high-purity Rose Lithium-Tantalum project in Québec, the Corporation's first lithium project to be advanced within a land portfolio of over 1,016 km². On August 29, 2023, the Corporation announced results of a new Feasibility Study on Rose for the production of spodumene concentrate. The after-tax internal rate of return for the Project is estimated at 65.7%, with an estimated after-tax net present value of US\$2.2B at an 8%

discount rate. In the Corporation's view, Québec is strategically well-positioned for US and EU markets and boasts good infrastructure including a low-cost, low-carbon power grid featuring 94% hydroelectricity. The project has received approval from the Federal Minister of Environment and Climate Change on the recommendation of the Joint Assessment Committee, comprised of representatives from the Impact Assessment Agency of Canada and the Cree Nation Government, received the Certificate of Authorization under the *Environment Quality Act* from the Québec Minister of the Environment, the Fight against Climate Change, Wildlife and Parks, and the project mining lease from the Québec Minister of Natural Resources and Forests under the Québec *Mining Act*.

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Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is described in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Cautionary statement concerning forward-looking statements

This news release contains "forward-looking information" within the meaning of Canadian Securities legislation. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "scheduled", "anticipates", "expects" or "does not expect", "is expected", "scheduled", "targeted", or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking information contained herein include, without limitation, statements relating to the anticipated receipt of the final assay results from the 2025 summer exploration program on the Corporation's Nemaska Belt properties, the results and completion of the 2025 exploration program and its related objectives. Forward-looking information is based on assumptions management believes to be reasonable at the time such statements are made. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking information.

Although Critical Elements has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. Factors that may cause actual results to differ materially from expected results described in forward-looking information include, but are not limited to: delays in obtaining final assay results from the laboratory facility, the final and complete results of the Corporation's 2025 exploration program on the Corporation's Nemaska Belt properties not delivering the anticipated results and the effects on the Corporation's stated objectives, as well as those risk factors set out in the Corporation's Management Discussion and Analysis for its most recent quarter ended May 31, 2025 and other disclosure documents available under the Corporation's SEDAR+ profile. Forward-looking information contained herein is made as of the date of this news release and Critical Elements disclaims any obligation to update any forward-looking information, whether as a result of new information, future events or results or otherwise, except as required by applicable securities laws.

Forward-looking information contained herein is made as of the date of this news release. Although the Corporation has attempted to identify important factors that could cause actual results to differ materially from those contained in the forward-looking information or implied by forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking statements or information. The Company undertakes no obligation to update or reissue forward-looking information as a result of new information or events except as required by applicable securities laws.