



## BrightRock Gold Corp. Discovers Gold in Historic Mine While Exploring for Lithium

September 30, 2024

### Summary

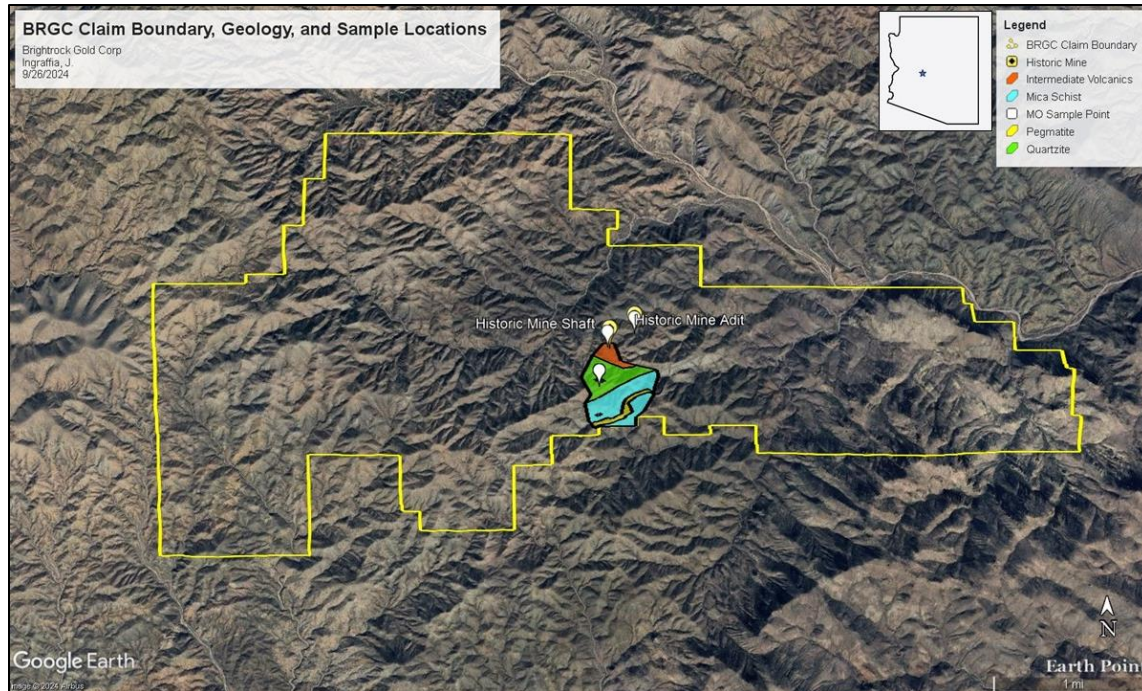
BrightRock Gold Corp. is proud to announce that the company has discovered gold on company property during its most recent field sampling campaign. A total of sixteen samples were gathered from a historic adit and surface workings, and many samples assayed significant gold. *These samples concentrations of gold range from 0.34 g/t up to 11.6 g/t (that's 0.34 oz per ton)!*

Samples were taken from a historical quartz vein that was found on the property. A historic adit from previous mining activities has been located and explored. Samples were taken from surface exposures of the vein, which was found to be through-going into the adit. The underground exposures of vein were sampled, as well as the surrounding area. This campaign was undertaken intermittently to the company's ongoing spodumene lithium exploration of the pegmatite that runs through the property.

The company is very excited to complement its lithium pegmatite efforts with this discovery of gold and to continue exploration of gold veins on the company's property!



*Figure 1: BRGC's VP of Exploration, Mr. S. Cyros, staking claims of the Midnight Owl Gold and Lithium Exploration Project. Photo courtesy of Cyros, S. (2024).*



*Figure 2: BrightRock Gold Corp. property boundary, locally mapped geology, historic mine location, and relative location in West Arizona, USA.*

### Property Overview

The BrightRock Gold Corp. property is situated within the White Picacho Mining District, located in Yavapai County, West-Central Arizona. Covering an expansive area of approximately 5,000 acres across 243 parcels. Positioned approximately 30 miles northwest of Phoenix and 10 miles east of the nearest town, Wickenburg, the Midnight Owl project occupies a strategically located region within the state.

The company ground is claimed to effectively target lithium pegmatite exploration. Previous work by the company located gold by XRF (Brightrock Gold Corp, 2022). Boundary adjustments were made to encompass further historical gold workings (Mindat, 2024).

Hydrothermal-emplacement gold deposits have also been identified in the area, further enriching its mineral diversity (Meeves et al., 1966). In addition to gold, the local pegmatitic mineralization encompasses a variety of valuable elements such as lithium, beryllium, feldspar, and mica. Additionally, minor commodities including bismuth, copper, lead, silver, and zinc are present within the region.



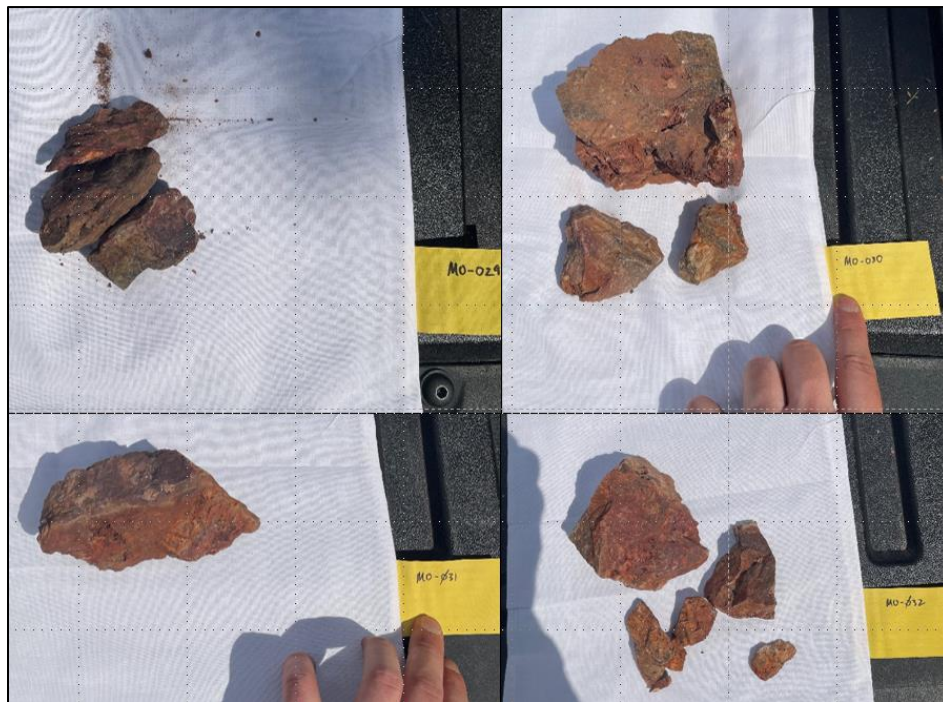
*Figure 3: Mr. J. Cordova, Contract Geologist by Lithium Arrow on behalf of BRGC, samples fractured, Tertiary-aged dacite rocks underground. Sample material was identified by red, hematitic oxidation rinds on through-going fractures.*



## Sampling

Samples were taken from the property in Arizona, then sent to Reno, Nevada to be split, photographed, and delivered to ALS Global for assay. The samples assayed by 4-acid aqua regia digestion and ME-ICP-MS. Samples that returned gold concentrations were dacitic volcanics with red, iron-rich, oxidized coatings on through-going fractures. The in-situ geology is thus interpreted to be emplaced by hydrothermal mechanisms, supported by the resulting geochemistry and elevated concentrations of siderophile elements (Fe, Mn, Ag, Cu) that are commonly associated with hydrothermal gold.

Sample MO-029 returned 4.55 ppm Au (4.55 g/t), and sample MO-031 returned 11.55 ppm Au (11.55 g/t). Samples were considered with a Au 0.10 ppm (100 ppb) cutoff. A total of 6 of 16 samples met this threshold. The company is very excited to continue its exploration and expects to find more gold while exploring for pegmatite lithium in the famed White Picacho District of west Arizona.



*Figure 4: Highest gold – assayed samples from this exploration expedition in sequential order. Top left: MO-029 at 4.6 g/t; Top right: MO-030 at 0.34 g/t; Bottom left: MO-031 at 11.6 g/t; Bottom right MO-032 at 0.78 g/t.*

## Conclusion

BrightRock Gold Corp. has discovered significant gold concentrations in samples in a historic mine on company property, while searching for lithium. The highest sample yields 0.34 oz/t. We recommend that the company explores the historic mine by mapping and sampling the vein outcrops where these samples were taken. We believe that the resulting documentation in the form of a geologic map, with a cross sections of verifiable gold-bearing vein formations, would be of great benefit to the company.

### Author's Statement of Experience

James Ingrassia, MS GMBA, Founder and CEO of mining consulting firm Lithium Arrow, has seven years of experience in the mining industry. He has experience working within the United States Geological Survey, graduated from the Mackay School of Mines at University Nevada Reno, and has explored for minerals across the western United States, from Nevada to Texas. He and his associates have experience in critical, precious, and base metals.

### Works Cited

Brightrock Gold Corp. (2022, July 18). *A look at the last XRF readings taken from our Midnight Owl Mine in 2017 by the previous owners*. Retrieved from Twitter:  
[https://twitter.com/brightrock\\_corp/status/1549040032308072452?s=46](https://twitter.com/brightrock_corp/status/1549040032308072452?s=46)

Cyros, S., 2024, Pers. Comm.

Meeves, H.C., and Others. (1966). Reconnaissance of Beryllium-Bearing Pegmatite Deposits in Six. *IC Bureau of Mines Information Circular 8298. U.S. Dept of the Interior, Bureau of Mines*.

Mindat. (2024). *Mindat*. Retrieved from Mindat.org, Accessed Mar. 10, 2024:  
<https://www.mindat.org/loc-41247.html>

### Forward-Looking Information Statement

This report contains forward-looking statements, which involve known and unknown risks, uncertainties, and other factors that may cause the actual results, performance, or achievements of the company to be materially different from any future results, performance, or achievements expressed or implied by such forward-looking statements. These statements include, but are not limited to, comments regarding the potential presence of gold, future exploration activities, the success of exploration efforts, and the economic viability of the project.

Forward-looking statements are based on the current expectations and beliefs of management, as well as assumptions made by and information currently available to the company. Such assumptions may include the continuity of mineralization at depth or along strike, the geological characteristics of the property, the timing and results of exploration activities, and general economic conditions. These assumptions are subject to a variety of risks and uncertainties that could cause actual events or results to differ materially from those projected.

Factors that may cause actual results to vary include, but are not limited to, uncertainties related to exploration, mining permits and regulations, environmental risks, changes in commodity prices, market demand for gold, availability of financing, and geological conditions. Readers are cautioned that these forward-looking statements are based on reasonable assumptions but cannot be guaranteed, and the company assumes no obligation to update these forward-looking statements except as required by law.



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TO: BRIGHTROCK GOLD CORP

Page: 1  
Total # Pages: 2 (A - D)  
Plus Appendix Pages  
Finalized Date: 6--SEP--2024  
This copy reported on 9-SEP-2024  
Account: ROCRIG

CERTIFICATE C124219523

This report is for 16 samples of Rock submitted to our lab in Carson City, NV, USA on 8-AUG--2024.  
The following have access to data associated with this certificate:  
STEVEN CYROS JAMES INCRAFFIA

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DISP-01	Disposal of all sample fractions
CRU-21	Crush entire sample
SND--ALS	Send samples to internal laboratory
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-22Y	Split Sample - Boyd Rotary Splitter
PUL-31	Pulverize up to 250g 85% <75 um
WSH--21	"Wash" crushers
WSH--22	"Wash" pulverizers

ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION
INSTRUMENT	
ME-MS41W	Super Trace Modified Weak AR by ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.  
\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
Saa Traxler, Director, North Vancouver Operations



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CERTIFICATE OF ANALYSIS C124219523

Sample Description	Method Analyte Units LOD	WB-21 Rec'd Wt. kg	ME-MS41W Au ppm	ME-MS41W Ag ppm	ME-MS41W Al %	ME-MS41W As ppm	ME-MS41W B ppm	ME-MS41W Ba ppm	ME-MS41W Be ppm	ME-MS41W Bi ppm	ME-MS41W Ca %	ME-MS41W Cd ppm	ME-MS41W Ce ppm	ME-MS41W Co ppm	ME-MS41W Cr ppm	ME-MS41W Cs ppm
MO-21		0.73	0.0031	0.076	1.26	0.60	<10	109.0	0.76	0.1285	0.15	0.615	110.0	1.525	2.58	1.835
MO-22		0.36	0.0035	0.062	3.00	4.37	<10	140.0	2.38	0.0340	0.86	1.045	25.5	24.3	93.4	11.95
MO-23		0.69	0.0796	0.393	2.23	2.71	<10	52.1	1.68	0.341	0.42	2.12	23.5	17.40	133.5	1.065
MO-24		0.19	0.0426	0.193	2.52	5.85	10	104.5	2.87	0.448	0.76	1.630	124.5	28.9	55.2	4.28
MO-25		0.75	0.0005	0.017	0.08	0.70	<10	24.7	0.12	0.0261	0.02	0.045	5.20	0.346	12.25	0.122
MO-26		0.60	0.0005	0.035	0.05	1.22	<10	34.2	0.16	0.0486	0.01	0.054	8.59	0.413	7.93	0.079
MO-27		0.62	0.0108	0.085	1.13	1.49	<10	130.0	0.48	0.1060	0.06	0.178	80.8	1.610	2.64	1.025
MO-28		0.96	0.0010	0.064	0.39	0.88	<10	127.0	0.41	0.0826	0.02	0.098	70.7	0.818	7.58	0.380
MO-29		0.25	4.55	2.82	0.89	11.95	10	67.0	1.32	15.40	0.05	2.77	48.0	3.05	6.81	1.795
MO-30		1.01	0.343	0.534	0.90	11.15	<10	59.6	1.24	1.215	0.08	0.997	36.5	5.75	5.61	0.881
MO-31		0.44	11.55	2.00	0.53	12.35	<10	59.5	0.98	0.1185	0.09	0.620	56.2	2.25	5.96	1.570
MO-32		0.56	0.783	0.162	0.43	8.88	<10	45.1	0.70	0.1165	0.08	0.572	56.6	1.665	4.97	3.80
MO-33		0.73	0.0027	0.140	2.29	16.50	10	149.5	1.30	0.0286	3.00	0.045	151.5	23.5	28.6	8.03
MO-34		0.62	0.0019	0.117	2.48	12.50	<10	174.0	1.27	0.0297	2.60	0.033	163.5	23.8	28.7	8.09
MO-35		0.25	0.0031	0.071	2.38	0.63	10	360	0.28	0.0358	1.53	0.038	164.5	34.7	60.8	7.40
MO-36		0.91	0.0011	0.648	0.23	0.75	<10	35.1	0.54	1.010	0.10	0.046	5.24	3.82	8.56	0.466

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CERTIFICATE OF ANALYSIS C124219523

Sample Description	Method Analyte Units LOD	ME-MS41W Cu ppm 0.01	ME-MS41W Fe % 0.0002	ME-MS41W Ca ppm 0.002	ME-MS41W Ce ppm 0.005	ME-MS41W Hf ppm 0.002	ME-MS41W Hg ppm 0.004	ME-MS41W In ppm 0.005	ME-MS41W K % 0.01	ME-MS41W La ppm 0.001	ME-MS41W Li ppm 0.1	ME-MS41W Mg % 0.01	ME-MS41W Mn ppm 0.1	ME-MS41W Mo ppm 0.01	ME-MS41W Na % 0.001	ME-MS41W Nb ppm 0.002
MO-21		7.73	2.31	8.38	0.079	0.035	0.084	0.050	0.62	52.9	29.1	0.58	802	0.72	0.059	0.280
MO-22		66.4	5.41	10.50	0.082	0.236	0.394	0.036	1.04	11.90	62.8	2.23	1350	0.62	0.041	0.009
MO-23		122.5	5.14	9.56	0.026	0.040	0.495	0.024	0.23	8.41	51.4	1.22	1185	3.01	0.021	0.028
MO-24		1335	6.82	11.00	0.082	0.111	0.277	0.375	0.31	39.4	53.0	1.17	1510	6.07	0.007	0.022
MO-25		7.42	0.420	0.456	0.013	0.003	0.028	0.005	0.04	4.37	1.3	0.01	163.0	1.52	0.006	0.053
MO-26		6.35	0.560	0.232	0.041	0.004	0.044	<0.005	0.02	9.69	0.7	0.01	351	1.56	0.002	0.033
MO-27		22.5	2.31	7.78	0.108	0.043	0.023	0.042	0.86	30.5	26.0	0.48	400	0.96	0.060	0.472
MO-28		30.3	0.920	2.24	0.026	0.018	0.045	0.031	0.32	25.8	6.7	0.05	272	1.66	0.016	0.314
MO-29		147.0	5.07	4.04	0.102	0.023	0.102	0.800	0.33	41.2	11.3	0.15	421	3.12	0.007	0.162
MO-30		425	2.38	5.12	0.040	0.017	0.013	1.010	0.13	36.0	13.4	0.21	195.5	3.42	0.014	0.023
MO-31		42.9	1.900	2.84	0.039	0.019	0.031	0.048	0.19	26.0	7.5	0.08	271	2.75	0.040	0.071
MO-32		29.1	1.730	2.37	0.022	0.026	0.026	0.027	0.16	40.8	5.7	0.07	173.5	2.49	0.007	0.085
MO-33		73.7	3.17	6.53	0.124	0.062	0.011	0.017	0.13	76.7	59.0	2.64	429	0.59	0.473	0.158
MO-34		68.0	2.87	6.51	0.122	0.079	0.011	0.020	0.12	84.4	63.7	2.48	340	0.50	0.500	0.147
MO-35		96.9	3.94	7.21	0.091	0.313	0.006	0.013	0.22	88.3	29.7	3.81	600	0.82	0.955	0.875
MO-36		371	1.110	0.852	0.010	0.013	<0.004	0.072	0.07	2.88	2.0	0.06	368	36.8	0.017	0.046

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### CERTIFICATE OF ANALYSIS C124219523

Sample Description	Method Analyte Units LOD	ME-MS41W Ni ppm 0.04	ME-MS41W P % 0.001	ME-MS41W Pb ppm 0.005	ME-MS41W Pd ppm 0.001	ME-MS41W Pt ppm 0.002	ME-MS41W Rb ppm 0.005	ME-MS41W Re ppm 0.0001	ME-MS41W S % 0.01	ME-MS41W Sb ppm 0.005	ME-MS41W Sc ppm 0.005	ME-MS41W Se ppm 0.003	ME-MS41W Sn ppm 0.01	ME-MS41W Sr ppm 0.01	ME-MS41W Ta ppm 0.005	ME-MS41W Te ppm 0.003
MO-21		0.70	0.018	36.4	0.001	<0.002	44.6	0.0003	0.01	0.225	4.49	0.009	1.24	9.58	<0.005	0.006
MO-22		66.2	0.153	22.1	<0.001	<0.002	119.0	0.0002	0.01	0.853	12.70	0.119	0.42	49.5	<0.005	0.006
MO-23		42.1	0.089	1145	0.001	<0.002	14.90	0.0004	0.01	0.494	4.18	1.475	0.39	9.45	<0.005	0.127
MO-24		58.5	0.047	2470	0.005	<0.002	25.7	0.0006	0.01	2.57	28.1	0.072	0.33	24.8	<0.005	0.564
MO-25		1.01	0.002	10.10	0.001	<0.002	2.00	0.0001	<0.01	0.086	0.358	0.013	0.15	2.23	<0.005	<0.003
MO-26		0.86	0.003	9.35	0.002	<0.002	0.726	<0.0001	0.01	0.345	0.270	0.015	0.06	5.51	<0.005	0.003
MO-27		0.58	0.016	83.0	<0.001	<0.002	60.2	0.0001	0.01	0.235	5.52	0.008	1.89	5.87	<0.005	0.005
MO-28		0.55	0.012	8.29	0.001	<0.002	16.85	0.0003	0.01	0.136	1.240	0.078	0.48	4.38	<0.005	0.007
MO-29		1.75	0.009	459	0.007	<0.002	16.20	0.0004	0.01	6.14	3.58	0.183	1.50	9.83	<0.005	1.675
MO-30		2.10	0.009	183.5	0.004	<0.002	6.78	0.0003	0.01	0.391	2.34	0.065	0.67	7.86	<0.005	0.091
MO-31		1.13	0.014	49.4	0.002	<0.002	11.35	0.0002	0.01	0.467	1.895	0.053	0.82	10.90	<0.005	0.028
MO-32		0.79	0.011	43.6	<0.001	<0.002	11.25	0.0003	0.01	0.332	1.600	0.040	0.42	10.10	<0.005	0.022
MO-33		91.5	0.362	2.14	0.003	0.003	9.35	0.0001	0.01	0.080	5.38	0.008	0.35	413	<0.005	<0.003
MO-34		92.6	0.399	2.11	<0.001	0.003	8.28	0.0001	<0.01	0.075	5.88	0.013	0.37	444	<0.005	<0.003
MO-35		269	0.399	2.57	0.004	<0.002	9.48	0.0002	0.01	0.031	2.26	0.019	0.41	299	0.022	0.003
MO-36		6.90	0.029	2.16	<0.001	<0.002	4.38	0.0002	0.04	0.034	0.427	0.219	0.21	8.65	<0.005	0.373

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Sample Description	Method Analyte Units LOD	ME-MS41W									
		Th ppm 0.002	Ti %	Ti ppm 0.001	U ppm 0.001	V ppm 0.1	W ppm 0.001	Y ppm 0.003	Zn ppm 0.1	Zr ppm 0.01	
MO-21		11.30	0.063	0.209	1.180	3.0	0.261	48.7	119.5	1.42	
MO-22		0.778	0.031	0.720	1.465	116.0	0.187	25.6	228	4.72	
MO-23		2.14	0.003	0.082	2.34	66.0	0.916	12.40	1540	0.93	
MO-24		3.49	0.005	0.156	23.9	267	3.44	55.1	5570	4.23	
MO-25		0.265	0.001	0.012	0.285	1.5	0.189	3.41	18.2	0.10	
MO-26		0.337	<0.001	0.011	0.376	1.6	0.947	4.42	12.7	0.14	
MO-27		9.66	0.121	0.289	0.662	3.3	0.394	18.60	114.0	1.65	
MO-28		4.67	0.019	0.085	0.628	1.0	0.292	21.9	31.5	0.71	
MO-29		4.67	0.016	0.086	1.175	33.8	5.76	26.7	944	0.77	
MO-30		4.60	0.002	0.033	0.731	7.0	0.748	28.0	4850	0.57	
MO-31		7.45	0.003	0.058	0.574	5.6	0.631	24.0	262	0.90	
MO-32		7.69	0.003	0.043	0.623	4.9	0.538	21.9	166.5	0.83	
MO-33		8.35	0.070	0.096	1.485	140.0	0.208	12.00	57.5	7.36	
MO-34		8.82	0.067	0.086	1.585	118.0	0.174	13.00	55.7	8.21	
MO-35		9.78	0.198	0.098	1.260	118.0	0.110	10.30	73.1	22.1	
MO-36		0.183	0.002	0.024	0.598	4.5	0.570	3.04	26.4	0.62	

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### CERTIFICATE COMMENTS

#### LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
ME-MS41W

Processed at ALS Geochemistry at 5250 Hwy 50 East, Carson City, Nevada 89701-1415

CRU-21 CRU-31 DISP-01

PUL-31 PUL-QC SND-ALS

WEI-21 WSH-21 WSH-22

LOG-22

SPL-22Y

Applies to Method:

Applies to Method: