

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
7UP-W4	0.12	0.18	0.42	2.22		1 : 1	-31.43		74.17	605.92	3.50	08-Aug-22	Last Trading of June
AKR-W1	0.07	0.02	0.51	1.03	1.00	1 : 1	271.43	109.80	58.25	671.57	7.29	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.37	0.42	2.46	0.59	3.00	1 : 1	-12.64	36.99	90.74	230.98	6.65	18-Dec-20	15th of Mar, Sep
APEX-W1	0.01	0.01	0.09	1.12	0.40	1 : 1	N/A	355.56	106.36	499.97	9.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.26	0.73	1.6	1.05		1 : 1	-64.25		58.21	95.83	6.15	04-Jun-21	Last trading day of Mar, June, Sept, Dec
B52-W2 SP	0.01	0	0.16	0.05	7.36	1 : 0.204	N/A	918.64	74.07	1,756.00	3.26	06-Jun-20	Last trading day of June, Dec
BKD-W2	0.11	0.04	1.98	2.54	4.43	1 : 1.01689	214.2	131.22	36.53	358.73	18.30	30-Nov-22	Last trading day of Nov
BM-W1	0.12	0	1.88	0.24	4.00	1 : 1	N/A	119.15	60.23	110.00	15.67	14-Aug-20	16 Aug 2020
BROOK-W5	0.11	0.06	0.37	2.01	0.25	1 : 1	75.17	-2.70	44.78	1,079.19	3.36	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W5	1.13	1.16	11.7	0.75	14.00	1 : 1	-2.2	29.32	51.78	1,315.33	10.35	16-Feb-21	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.21	0.61	4.99	1 : 0.12024	N/A	274.26	92.97	3,437.23	2.53	28-Dec-20	30 of Nov
B-W4	0.04	0.01	0.21	1.12	0.92	1 : 1.3087	254.47	467.39	92.97	96.85	6.87	01-Jul-21	Last trading day of June, Dec
B-W5	0.06	0.03	0.21	0.82	0.35	1 : 1	90.86	95.24	92.97	290.56	3.50	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.06	0	0.6	1.11	2.75	1 : 1	N/A	368.33	41.65	1,652.87	10.00	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.02	0	0.75	1.03	2.00	1 : 1	N/A	169.33	25.32	1,445.60	37.50	28-May-21	Last trading day of May, Nov
CHO-W2	0.07	0	0.45	0.62	0.86	1 : 1	N/A	106.67	40.39	636.40	6.43	30-Dec-20	Last trading day of June, Dec
CI-W1 SP	0.01	N/A	0.65	0.03	2.16	1 : 1.0172	N/A	238.31	58.23	98.77	66.12	30-May-20	Last trading day of May, Nov
CKP-W1 SP	0.01	0	4	0.03	6.00	1 : 1.0007	N/A	50.29	53.88	1,111.15	400.28	29-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.62	0.02	2.06	0.13	3.00	1 : 1	2952.49	75.73	72.63	60.63	3.32	03-Jul-20	15th of Jan, Jul
DCC-W1	0.51	0.59	1.86	0.97	1.15	1 : 1	-14.11	-10.75	33.52	940.24	3.65	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DIMET-W3	0.31	0.12	0.34	1.76	0.65	1 : 1	158.77	182.35	102.39	0.47	1.10	18-Feb-22	20 May, Aug, Nov, Feb
DOD-W1	0.45	0.3	5.9	1.14	15.75	1 : 1	50.31	174.58	80.57	182.22	13.11	07-Jul-21	Last trading day of May, Nov
D-W1	0.95	0.79	3.56	1.79	4.00	1 : 1	20.28	39.04	53.92	40.00	3.75	04-Mar-22	Last trading day of Feb, May, Aug ,Nov
ECF-W3	0.37	0	1.06	0.76	5.00	1 : 1.0008	N/A	406.53	68.47	129.95	2.87	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.13	0.02	0.8	0.72	1.85	1 : 1	598.37	147.50	70.70	554.43	6.15	05-Feb-21	Last Business Day of evert six month from the is

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	Market	Black Scholes												
EFORL-W3	SP	0.01	0	0.03	0.04	0.60	1 : 1	N/A	1933.33	220.03	1,377.16	3.00	02-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	SP	0.01	0	0.03	0.04	0.50	1 : 1	N/A	1600.00	220.03	772.51	3.00	02-Jun-20	22 Jun and 22 Dec of each year
EIC-W2		0.01	N/A	0.11	0.16	1.00	1 : 2.32054	N/A	1898.62	244.04	190.75	25.53	16-Jul-20	Last trading day of June, Dec
EIC-W3		0.05	0.11	0.11	1.08	1.00	1 : 2.32054	-56.41	1983.01	244.04	16.42	5.11	16-Jun-21	Last trading day of June, Dec
EMC-W6		0.04	0.05	0.12	3.41	0.15	1 : 1	-21.82	58.33	103.82	4,216.75	3.00	15-Oct-23	15th of Apr,Oct
EP-W3		0.42	0.18	3.92	0.58	4.78	1 : 1.0457	136.61	34.19	41.49	85.54	9.76	17-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2		0.01	N/A	0.4	0.11	0.96	1 : 1.04545	N/A	148.19	58.29	138.79	41.82	27-Jun-20	Last Trading of June
GLOCON-W4		0.21	0.14	0.54	1.68	0.50	1 : 1	52.59	31.48	62.12	749.60	2.57	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1		0.25	0.24	0.7	1.05	0.50	1 : 1.00828	5.01	6.61	71.08	110.50	2.82	04-Jun-21	Last trading day of June, Dec
HYDRO-W1	SP	0.04	0.02	0.19	1.73	1.00	1 : 1	60.17	447.37	102.58	98.12	4.75	10-Feb-22	First business day of Mar, Jun, Sept and Dec
ITEL-W1		0.29	0.1	2.14	1.01	5.00	1 : 1	194.05	147.20	68.88	249.99	7.38	23-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3		0.64	0.39	3.88	0.13	3.39	1 : 1.267	62.92	4.96	58.60	1,169.41	7.68	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5		0.01	0	0.73	0.16	3.50	1 : 1	N/A	380.82	67.88	241.12	73.00	15-Jul-20	Last trading day of Mar, June, Sept, Dec
JMT-W2		3.92	4.84	18.9	1.28	18.62	1 : 1.02031	-19.08	19.66	73.64	221.49	4.92	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1		0.39	0.11	0.65	2.06	2.00	1 : 1	265.53	267.69	84.92	156.48	1.67	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1		0.57	0.2	3.12	1.94	4.00	2 : 1	188.77	46.47	57.34	157.10	5.47	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2		0.09	0.04	0.75	1.28	2.10	1 : 1	111.61	192.00	75.84	1,375.54	8.33	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4		0.04	0	0.35	0.53	3.50	1 : 1	N/A	911.43	89.15	91.07	8.75	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4		0.05	0.02	0.52	2.15	1.93	1 : 1.14	220.62	320.08	57.20	405.44	11.86	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5		0.01	N/A	0.52	0.15	1.68	1 : 1.069	N/A	241.35	57.20	905.04	55.59	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6		1.98	1.39	18.1	1.37	43.00	1 : 1	42.35	148.51	68.35	230.85	9.14	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6		0.01	N/A	0.01	1.07	0.02	1 : 1	N/A	160.00		14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1		0.79	0.3	1.85	1.57	6.48	1 : 1.00255	160.45	293.91	99.98	108.78	2.35	13-Dec-21	Last trading day of June, Dec
NOK-W1	SP	0.01	N/A	1.02	0.03	3.19	1 : 1.5695	N/A	334.79	80.36	127.75	160.09	30-May-20	Last trading day of Mar, June, Sept, Dec
NVD-W1		0.14	0	1.12	1.16	7.86	1 : 1.018	N/A	625.34	58.07	276.12	8.14	15-Jul-21	Last trading day of May, Nov

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	Market	Black Scholes												
OCEAN-W3	0.35	0.07	0.83	1.74	1.00	1 : 1	382.36	62.65	34.92	603.22	2.37	13-Feb-22	13 Feb 2022	
ORI-W1	0.30	0	4.44	0.37	13.33	1 : 1	N/A	207.06	62.14	609.86	14.80	30-Sep-20	Last trading day of Mar, June, Sept, Dec	
PACE-W2	SP	0.01	0.03	0.06	2.77	2.00	1 : 1	-62.52	3250.00	181.52	2,460.22	6.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	SP	0.01	0.04	0.06	2.28	0.25	1 : 1	-73.82	333.33	181.52	1,167.36	6.00	29-Aug-22	29 Nov 19
PDI-W1		0.81	0	5.55	0.99	33.00	1 : 1	N/A	509.19	45.14	75.33	6.85	14-May-21	15 May, 15 Nov
PDJ-W4		0.34	0.12	1	0.73	1.00	1 : 1	193.1	34.00	47.26	51.19	2.94	07-Feb-21	7 Feb 21
PERM-W1		0.14	0.03	0.63	2.08	1.80	1 : 1	424.18	207.94	53.72	250.00	4.50	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1		0.56	0.17	1.59	2.02	5.91	1 : 1.09999	239.08	337.54	79.18	46.00	3.12	27-May-22	Last trading day of June, Dec
PPPM-W4		0.14	0.15	0.47	4.21	1.00	1 : 1	-7.34	142.55	76.70	228.83	3.36	31-Jul-24	Last trading day of Oct
PRIME-W1		0.03	N/A	0.34	0.60	1.08	1 : 1.3946	N/A	313.87	65.91	347.00	15.81	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2		0.02	N/A	0.34	0.60	1.53	1 : 1.3095	N/A	464.99	65.91	261.75	22.26	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2		0.14	0.02	1.03	0.13	1.53	1 : 1.174	580.35	73.29	97.91	31.68	8.64	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2		0.01	N/A	0.59	0.13	2.25	1 : 1.22449	N/A	345.76	66.32	157.08	72.24	03-Jul-20	Last Trading day of Jan, Jul
RS-W3	SP	0.01	0	10.5	0.01	12.44	1 : 1.0047	N/A	18.68	53.70	187.52	1054.94	23-May-20	Last trading day of Apr, Oct
RWI-W2		0.11	0.13	1	1.64	1.50	1 : 1	-18.19	61.00	63.62	318.15	9.09	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SAMART-W2		0.36	0.04	4.94	1.00	14.80	1 : 1.014	719.81	209.78	58.90	335.43	13.91	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1		0.15	0.03	0.9	0.45	1.00	1 : 1	409.96	27.78	32.19	93.41	6.00	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	SP	5.60	7.09	54.25	0.03	48.48	1 : 1.237	-21.06	-0.40	75.30	31.05	11.98	30-May-20	Last trading day of May, Nov
SDC-W1		0.11	0.04	0.13	3.04	0.50	1 : 1	162.86	369.23	100.42	1,731.04	1.18	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	SP	0.01	N/A	1.95	0.01	13.32	1 : 1.1261	N/A	657.18	48.77	37.81	219.59	20-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3		0.34	0.02	1.95	5.01	26.64	1 : 1.1261	1275.54	1445.46	48.77	37.81	6.46	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4		0.98	0.93	1.95	1.14	1.00	1 : 1	4.86	1.54	48.77	43.69	1.99	08-Jul-21	9 Jul 2021
SINGER-W1		2.02	1.57	7.25	0.93	7.00	1 : 1	28.66	24.41	61.73	65.75	3.59	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2		2.12	1.4	7.25	2.93	14.00	1 : 1	51.38	122.34	61.73	65.75	3.42	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2		0.22	0.04	1.04	1.37	1.50	1 : 1	468.42	65.38	35.93	92.00	4.73	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an

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	Market	Black Scholes												
SMT-W2	SP	0.01	N/A	0.89	0.03	2.10	1 : 1	N/A	137.08	68.59	209.12	89.00	30-May-20	Last trading day of Mar, Sept , Dec
SST-W2		0.85	0	2.86	1.37	9.09	1 : 1.1	N/A	272.35	40.20	30.39	3.70	30-Sep-21	Last trading day of June, Dec
SUPER-W4		0.01	0	0.64	0.29	2.49	1 : 1	N/A	290.63	55.29	5,469.68	64.00	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SWC-W1		3.10	1.91	4.34	1.89	1.00	1 : 1	61.97	-5.53	37.78	137.67	1.40	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W		0.06	0	0.38	0.70	1.79	1 : 1.12	N/A	433.26	57.94	400.00	7.09	28-Jan-21	Last trading day of Dec
TAPAC-W4		0.48	0.08	4.46	1.83	9.00	1 : 1	483.71	112.56	36.57	205.93	9.29	18-Mar-22	Last trading day of June, Dec
TCC-W3		0.04	0	0.19	1.87	0.81	1 : 1.23886	N/A	428.38	59.79	92.20	5.88	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4		0.04	0.01	0.19	2.99	0.90	1 : 1.10801	276.83	439.12	59.79	369.34	5.26	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5		0.12	0.08	0.19	8.02	0.50	1 : 1	50.8	226.32	59.79	98.41	1.58	24-May-28	Last trading day of Jul
TCJ-W2	SP	0.01	0	2.5	0.05	9.80	1 : 1.02	N/A	298.41	69.86	31.53	255.00	06-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	SP	0.01	N/A	4.12	0.00	9.22	1 : 1.031	N/A	127.80	62.71	510.81	424.77	19-May-20	Last trading day of June, Dec
TGPRO-W3		0.01	0.03	0.07	3.34	0.50	1 : 1	-69.75	628.57	157.52	1,944.51	7.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
TH-W2		0.01	0	0.43	0.08	1.00	1 : 1	N/A	134.88	49.46	321.67	43.00	17-Jun-20	Last Trading of June
TNITY-W1		0.27	0.08	3.52	0.84	5.00	1 : 1	233.64	49.72	44.17	97.28	13.04	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3		0.08	0.03	0.17	1.03	0.25	1 : 1.00027	201.03	94.10	74.89	1,606.61	2.13	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1		0.38	0	3.12	1.11	18.00	1 : 1	N/A	489.10	62.63	112.00	8.21	28-Jun-21	Last trading day of June, Dec
TVD-W2		0.20	0.09	0.69	0.87	1.00	1 : 1.002	112.95	73.77	76.90	162.48	3.46	02-Apr-21	Last trading day of June, Dec
UAC-W2		0.13	0	3.34	0.12	5.55	1 : 1	N/A	70.06	49.13	66.76	25.69	01-Jul-20	Last trading day of Mar, June, Sept, Dec
U-W4		0.01	0	1.33	2.82	6.00	1 : 0.01	N/A	3.52	70.93	141,895.49	1.33	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2		0.92	2.07	8	2.32	10.00	1 : 1	-55.48	36.50	63.72	1,661.33	8.70	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2		0.55	0.57	1.59	0.07	1.00	1 : 1.00086	-4.31	-2.58	32.87	361.66	2.89	13-Jun-20	30th of Sep
VIBHA-W3		0.16	0.04	1.59	2.07	3.00	1 : 1.00086	338.49	98.64	32.87	1,011.62	9.95	14-Jun-22	30 Sep of each year
WIJK-W2		0.19	0.01	1.2	1.63	4.19	1 : 1.194	N/A	316.51	49.09	124.97	7.54	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4		0.08	N/A	0.55	3.92	2.70	1 : 2	N/A	810.91	55.71	413.03	13.75	17-Apr-24	Last trading day of Mar, June, Sept, Dec