

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	0.07	0.14	0.34	2.44		1 : 1	-50.59		54.31	605.92	4.86	08-Aug-22	Last Trading of June
AKR-W1	0.06	0	0.49	1.24	1.00	1 : 1	N/A	116.33	31.15	671.57	8.17	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.21	0.18	1.96	0.80	3.00	1 : 1	14.25	63.78	69.95	230.98	9.33	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.01	0.11	1.33	0.40	1 : 1	94.23	281.82	92.39	499.97	5.50	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.06	0.3	0.67	1.26		1 : 1	-80.3		37.23	95.83	11.17	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.04	0.02	1.23	0.20	2.00	1 : 1	112.15	65.85	79.11	102.47	30.75	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	0.19	1.03	37.75	0.18	39.00	1 : 1	-81.61	3.81	26.29	78.51	198.68	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.18	0.26	7.36	1 : 0.204	N/A	814.30	74.11	1,756.00	3.67	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.07	0.02	2.3	2.75	3.97	1 : 1.00731	219.21	76.25	25.83	358.73	33.10	30-Nov-22	Last trading day of Nov
BM-W1	0.03	0	1.68	0.45	4.00	1 : 1	N/A	139.88	43.15	110.00	56.00	14-Aug-20	16 Aug 2020
BROOK-W5	0.12	0.09	0.4	2.22	0.25	1 : 1	34.13	-7.50	35.90	1,403.31	3.33	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W5	0.86	0.24	10.9	0.96	14.00	1 : 1	256.83	36.33	26.54	1,315.39	12.67	16-Feb-21	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.21	0.82	4.99	1 : 0.12024	N/A	274.26	73.24	3,437.23	2.53	28-Dec-20	30 of Nov
B-W4	0.02	0	0.21	1.33	0.92	1 : 1.3087	N/A	454.93	73.24	96.85	13.74	01-Jul-21	Last trading day of June, Dec
B-W5	0.03	0.02	0.21	1.04	0.35	1 : 1	23.38	80.95	73.24	290.56	7.00	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.08	0	0.82	1.32	2.75	1 : 1	N/A	245.12	22.46	1,652.87	10.25	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.02	0	0.78	1.24	2.00	1 : 1	N/A	158.97	24.76	1,445.60	39.00	28-May-21	Last trading day of May, Nov
CHO-W2	0.05	0	0.47	0.83	0.86	1 : 1	N/A	93.62	21.69	636.40	9.40	30-Dec-20	Last trading day of June, Dec
CI-W1	0.01	0	0.79	0.24	2.16	1 : 1.0172	N/A	178.05	30.52	98.77	80.36	29-May-20	Last trading day of May, Nov
CKP-W1	0.07	0	3.78	0.24	6.00	1 : 1.0007	N/A	60.62	36.15	1,111.15	54.04	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.45	0	1.38	0.33	3.00	1 : 1	N/A	150.00	40.52	60.63	3.07	02-Jul-20	15th of Jan, Jul
DCC-W1	0.48	0.39	1.72	1.18	1.15	1 : 1	23.12	-5.23	16.69	1,907.75	3.58	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.36	0.22	6.5	1.35	15.75	1 : 1	66.51	147.85	62.97	182.22	18.06	07-Jul-21	Last trading day of May, Nov
ECF-W3	0.23	0	1.19	0.97	5.00	1 : 1.0008	N/A	339.41	57.05	129.95	5.18	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.10	0	0.91	0.93	1.85	1 : 1	N/A	114.29	32.30	554.43	9.10	05-Feb-21	Last Business Day of evert six month from the is

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	Market	Black Scholes											
EFORL-W3	0.01	0	0.04	0.25	0.60	1 : 1	N/A	1425.00	186.85	1,377.16	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0	0.04	0.25	0.50	1 : 1	N/A	1175.00	186.85	772.51	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	N/A	0.03	0.37	1.00	1 : 2.32054	N/A	7580.43	246.61	190.75	6.96	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.03	0.03	1.29	1.00	1 : 2.32054	-20.77	7657.78	246.61	16.42	3.48	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.03	0.03	0.1	3.62	0.15	1 : 1	-8.56	80.00	81.07	4,216.75	3.33	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.35	0.02	3.1	0.79	4.83	1 : 1.0361	1914.39	69.38	29.25	85.54	9.18	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.01	N/A	0.32	0.32	0.96	1 : 1.04545	N/A	211.38	35.38	138.79	33.45	26-Jun-20	Last Trading of June
GLOCON-W4	0.20	0.14	0.6	1.89	0.50	1 : 1	46.52	16.67	40.13	749.60	3.00	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.19	0.04	0.44	1.26	0.50	1 : 1	384.15	56.82	37.40	110.50	2.32	04-Jun-21	Last trading day of June, Dec
HYDRO-W1	0.06	0.03	0.23	1.95	1.00	1 : 1	89.52	360.87	91.86	98.12	3.83	10-Feb-22	First business day of Mar, Jun, Sept and Dec
ITEL-W1	0.21	0.02	2.08	1.22	5.00	1 : 1	768.24	150.48	46.87	249.99	9.90	23-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.54	1.29	4.84	0.34	3.61	1 : 1.192	19.01	7.51	63.52	1,257.15	3.75	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.05	0	0.86	0.37	3.50	1 : 1	N/A	312.79	68.58	241.12	17.20	14-Jul-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.16	0	4	0.19	15.00	1 : 1	N/A	279.00	50.34	108.00	25.00	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	3.96	2.76	18.2	1.49	18.62	1 : 1.02031	43.32	24.57	44.21	221.49	4.69	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.14	0.02	0.78	2.27	2.00	1 : 1	826.62	174.36	38.06	156.48	5.57	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.40	0.03	3.3	2.15	4.00	2 : 1	1087.06	33.33	34.06	157.10	8.25	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.06	0.01	0.95	1.49	2.10	1 : 1	364.58	127.37	40.70	1,375.54	15.83	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.04	0.03	1.3	0.74	3.50	1 : 1	33.65	172.31	72.59	91.07	32.50	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.02	0.01	0.59	2.36	2.00	1 : 1.099	N/A	266.93	45.72	405.44	32.42	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.59	0.36	1.75	1 : 1.03	N/A	203.91	45.72	905.04	60.77	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	1.69	1.07	27.5	1.58	43.00	1 : 1	57.42	62.51	34.03	230.85	16.27	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	0	0.01	1.28	0.02	1 : 1	N/A	160.00	140.85	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	0.41	0.07	1.9	1.78	6.48	1 : 1.00255	468.48	263.49	60.83	108.78	4.65	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.02	N/A	1.1	0.24	3.19	1 : 1.5695	N/A	300.45	45.96	127.75	86.32	29-May-20	Last trading day of Mar, June, Sept, Dec

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	Market	Black Scholes											
NVD-W1	0.07	0	1.66	1.37	7.86	1 : 1.018	N/A	384.51	32.85	276.12	24.14	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.37	0.13	1.05	1.95	1.00	1 : 1	180.2	30.48	24.86	603.22	2.84	13-Feb-22	13 Feb 2022
ORI-W1	0.10	0	5.1	0.58	13.33	1 : 1	N/A	163.40	34.47	609.86	51.00	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.03	0.06	2.98	2.00	1 : 1	-39.57	3266.67	195.89	2,460.22	3.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.01	0.04	0.06	2.49	0.25	1 : 1	-76.79	333.33	195.89	1,167.36	6.00	29-Aug-22	29 Nov 19
PDI-W1	0.22	0	4.72	1.20	33.00	1 : 1	N/A	603.81	28.15	75.33	21.45	14-May-21	15 May, 15 Nov
PDJ-W4	0.18	0.17	1.09	0.94	1.00	1 : 1	4.43	8.26	31.03	51.19	6.06	07-Feb-21	7 Feb 21
PERM-W1	0.09	0.01	0.57	2.29	1.80	1 : 1	N/A	231.58	42.96	250.00	6.33	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.36	0.11	1.56	2.24	5.91	1 : 1.09999	216.15	332.05	70.04	46.00	4.77	27-May-22	Last trading day of June, Dec
PPPM-W4	0.11	0.15	0.4	4.42	1.00	1 : 1	-26.86	177.50	88.36	228.83	3.64	31-Jul-24	Last trading day of Oct
PRIME-W1	0.02	N/A	0.31	0.81	1.08	1 : 1.3946	N/A	353.24	49.77	347.00	21.62	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	N/A	0.31	0.81	1.53	1 : 1.3095	N/A	522.66	49.77	261.75	20.30	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.05	0.08	1.2	0.35	1.53	1 : 1.174	-40.85	37.47	67.13	31.68	28.18	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.02	N/A	0.76	0.33	2.25	1 : 1.22449	N/A	242.64	25.04	157.08	46.53	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	0.29	0.16	10.5	0.22	12.44	1 : 1.0047	82.2	21.36	38.40	187.52	36.38	23-May-20	Last trading day of Apr, Oct
RWI-W2	0.09	0.12	1.19	1.85	1.50	1 : 1	-27.69	33.61	41.14	318.15	13.22	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SAMART-W2	0.42	0.04	6.55	1.21	14.80	1 : 1.014	930.13	134.22	39.95	335.43	15.81	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.08	0.03	0.89	0.66	1.00	1 : 1	155.66	21.35	28.40	93.41	11.13	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	21.10	22.59	67.25	0.28	48.48	1 : 1.237	-6.6	4.28	31.83	31.05	3.94	11-Jun-20	Last trading day of May,Nov
SDC-W1	0.07	0.01	0.12	3.25	0.50	1 : 1	463.14	375.00	63.34	1,731.04	1.71	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.04	N/A	1.79	0.21	13.32	1 : 1.1261	N/A	727.88	32.67	37.81	50.39	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.25	0	1.79	5.22	26.64	1 : 1.1261	N/A	1579.06	32.67	37.81	8.06	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.72	0.78	1.79	1.35	1.00	1 : 1	-7.17	-3.91	32.67	43.69	2.49	08-Jul-21	9 Jul 2021
SINGER-W1	1.42	0.43	4.98	1.14	7.00	1 : 1	227.69	69.08	50.62	65.75	3.51	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.42	0.37	4.98	3.14	14.00	1 : 1	281.55	209.64	50.62	65.75	3.51	21-Apr-23	Last trading day of Mar, June, Sept, Dec

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	Market	Black Scholes											
SMART-W2	0.21	0.01	0.99	1.58	1.50	1 : 1	1403.11	72.73	27.32	92.00	4.71	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.04	0	0.9	0.24	2.10	1 : 1	N/A	137.78	60.91	209.12	22.50	29-May-20	Last trading day of Mar, Sept , Dec
SST-W2	0.40	0	3.5	1.58	10.00	1 : 1	N/A	197.14	23.17	30.39	8.75	30-Sep-21	Last trading day of June, Dec
SUPER-W4	0.01	0	0.39	0.50	2.49	1 : 1	N/A	541.03	36.67	5,469.68	39.00	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SVI-W3	0.01	N/A	2.34	0.07	2.94	1 : 1.5098	N/A	39.41	74.02	30.00	353.29	26-Mar-20	15 of Jul
SWC-W1	2.38	0.48	3.44	2.10	1.00	1 : 1	394.79	-1.74	25.64	143.32	1.45	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.03	0	0.35	0.91	1.88	1 : 1.07	N/A	476.91	38.13	400.00	12.48	28-Jan-21	Last trading day of Dec
TCC-W3	0.03	0.01	0.19	2.08	0.81	1 : 1.23886	198.31	421.86	64.87	92.20	7.85	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.03	0.02	0.19	3.20	0.90	1 : 1.10801	77.76	433.29	64.87	369.34	7.02	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.11	0.09	0.19	8.23	0.50	1 : 1	21.62	221.05	64.87	98.41	1.73	24-May-28	Last trading day of Jul
TCJ-W2	0.04	N/A	2.86	0.26	9.80	1 : 1.02	N/A	249.08	33.51	31.53	72.93	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	0.04	0	3.36	0.21	9.50	1 : 1	N/A	183.93	48.10	510.81	84.00	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.05	3.55	0.50	1 : 1	-41.64	920.00	131.09	1,944.51	5.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.38	0.13	3.50	4 : 1	N/A	154.35	53.99	2,191.76	138.00	18-Apr-20	Last trading day of Apr, Oct
TH-W2	0.02	0	0.54	0.29	1.00	1 : 1	N/A	88.89	36.60	321.67	27.00	16-Jun-20	Last Trading of June
TNITY-W1	0.15	0.01	3.52	1.05	5.00	1 : 1	1048.16	46.31	25.07	97.28	23.47	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.08	0.04	0.25	1.24	0.25	1 : 1.00027	119.63	31.98	36.90	1,606.61	3.13	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.18	0	3	1.32	18.00	1 : 1	N/A	506.00	46.46	112.00	16.67	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.10	0.02	0.6	1.08	1.00	1 : 1.002	329.41	83.17	55.51	162.48	6.01	02-Apr-21	Last trading day of June, Dec
UAC-W2	0.08	0	2.7	0.33	5.55	1 : 1	N/A	108.52	33.47	66.76	33.75	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2 <i>SP</i>	0.01	0	0.4	0.03	0.50	1 : 1	N/A	27.50	41.19	103.01	40.00	14-Mar-20	Last trading day of May,Nov
U-W4	0.01	0	1.23	3.04	6.00	1 : 0.01	N/A	3.89	41.06	141,895.49	1.23	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	0.66	0.56	6.65	2.53	10.00	1 : 1	17.24	60.30	36.24	1,661.33	10.08	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.53	0.47	1.48	0.28	1.00	1 : 1.00086	13.76	3.31	16.96	361.66	2.79	14-Jun-20	30th of Sep
VIBHA-W3	0.12	0	1.48	2.28	3.00	1 : 1.00086	N/A	110.70	16.96	1,011.62	12.34	14-Jun-22	30 Sep of each year

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	Market	Black Scholes											
WAVE-W1	0.02	0	1.04	0.18	6.00	1 : 1	N/A	478.85	49.24	42.12	52.00	08-May-20	Last trading day of June, Dec
WHA-W1	SP	N/A	2.74	0.01	3.42	1 : 10.2396	N/A	272.10	34.00	55.87	561.13	05-Mar-20	25 of Jun, Dec
WIK-W2	0.11	0.01	1.23	1.84	4.22	1 : 1.185	N/A	298.75	45.00	124.97	13.25	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.06	N/A	0.56	4.13	2.70	1 : 2	N/A	785.71	45.44	413.03	18.67	17-Apr-24	Last trading day of Mar, June, Sept, Dec