

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	0.09	0.21	0.5	2.76		1 : 1	-56.8		77.79	605.92	5.56	08-Aug-22	Last Trading of June
AJA-W1	SP	0.01	N/A	0.17	0.05	1 : 1.30972	N/A	1053.17	63.98	749.96	22.27	21-Nov-19	Last trading day of Mar, Sept
AKR-W1		0.10	0.02	0.68	1.57	1 : 1	300.97	61.76	32.42	671.57	6.80	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1		0.24	0.05	1.96	1.12	1 : 1	394.76	65.31	33.93	230.98	8.17	18-Dec-20	15th of Mar,Sept
APEX-W1		0.02	0.01	0.12	1.65	1 : 1	N/A	250.00	75.91	499.97	6.00	30-Jun-21	Last trading day of June, Dec
APURE-W2		0.05	0.27	0.6	1.58	1 : 1	-81.67		45.55	95.83	12.00	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1		0.03	0	0.82	0.53	1 : 1	N/A	147.56	41.20	102.47	27.33	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1		2.16	2.42	39	0.51	1 : 1	-10.84	5.54	25.42	78.56	18.06	08-May-20	15th of Jun, Dec
B52-W2		0.01	0	0.23	0.59	1 : 0.2	N/A	633.04	58.93	1,756.00	4.60	05-Jun-20	Last trading day of June, Dec
BKD-W2		0.12	0	2.76	3.07	1 : 1.00731	N/A	48.58	11.71	358.73	23.17	30-Nov-22	Last trading day of Nov
BM-W1		0.12	0.01	1.98	0.78	1 : 1	N/A	108.08	43.33	110.00	16.50	14-Aug-20	16 Aug 2020
BROOK-W5		0.17	0.11	0.43	2.54	1 : 1	59.75	-2.33	37.38	1,407.38	2.53	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W4		2.84	2.95	13.4	0.07	1 : 1.011	-3.61	-1.33	21.90	416.70	4.77	30-Nov-19	Last trading day of Mar, June, Sept, Dec
B-W3		0.01	0	0.26	1.15	1 : 0.12024	N/A	219.21	82.97	3,437.23	3.13	28-Dec-20	30 of Nov
B-W4		0.04	0.03	0.26	1.66	1 : 1.3087	27.64	352.34	82.97	96.85	8.51	01-Jul-21	Last trading day of June, Dec
B-W5		0.04	0.06	0.26	1.36	1 : 1	-35.41	50.00	82.97	290.56	6.50	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4		0.09	0	0.9	1.64	1 : 1	N/A	215.56	23.35	1,652.87	10.00	26-Jun-21	Last trading day of June, Dec
CGH-W3		0.03	0	0.83	1.56	1 : 1	N/A	144.58	32.14	1,445.62	27.67	28-May-21	Last trading day of May,Nov
CHEWA-W1		0.01	N/A	0.62	0.07	1 : 1	N/A	183.87	31.82	467.34	62.00	28-Nov-19	28 Dec 18, 28 Jun 19, 27 Nov 19
CHO-W2		0.08	0.04	0.75	1.16	1 : 1	83.91	25.33	29.86	649.42	9.38	30-Dec-20	Last trading day of June, Dec
CI-W1		0.03	0	0.89	0.57	1 : 1.0172	N/A	148.90	26.72	98.86	30.18	29-May-20	Last trading day of May,Nov
CKP-W1		0.83	0.56	6.05	0.56	1 : 1.0007	47.17	12.90	32.39	1,111.15	7.29	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1		0.61	0.08	1.83	0.66	1 : 1	651.68	97.27	57.41	60.63	3.00	02-Jul-20	15th of Jan, Jul
DCC-W1		0.65	0.53	1.92	1.51	1 : 1	22.05	-6.25	20.55	1,907.75	2.95	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1		0.73	0.82	8.7	1.67	1 : 1	-10.66	89.43	65.97	182.22	11.92	07-Jul-21	Last trading day of May,Nov

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ECF-W3	0.87	0	2.2	1.30	5.00	1 : 1.0008	N/A	166.76	23.56	129.95	2.53	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.31	0.04	1.3	1.26	1.85	1 : 1	663.05	66.15	33.48	554.43	4.19	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.04	0.58	0.60	1 : 1	N/A	1425.00	225.28	1,377.16	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0.01	0.04	0.58	0.50	1 : 1	N/A	1175.00	225.28	772.51	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	0	0.04	0.70	1.00	1 : 2.32054	N/A	5627.31	229.04	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.04	0.04	1.62	1.00	1 : 2.32054	-52.48	5685.32	229.04	16.42	4.64	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.05	0.03	0.12	3.95	0.15	1 : 1	49.13	66.67	59.53	4,216.75	2.40	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.61	0.2	3.64	1.12	4.83	1 : 1.0361	204.14	51.12	38.23	85.54	6.18	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.17	0	0.42	0.64	0.96	1 : 1.04545	N/A	175.98	53.85	138.79	2.58	26-Jun-20	Last Trading of June
GJS-W3	0.01	0	0.12	0.26	0.17	1 : 0.5	N/A	23.67	86.62	3,674.43	6.00	07-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.41	0.36	0.97	2.21	0.50	1 : 1	12.98	-6.19	27.06	749.60	2.37	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.24	0.18	0.64	1.58	0.50	1 : 1	34.95	15.63	41.33	110.50	2.67	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.38	0.02	2.92	1.55	5.00	1 : 1	1790.15	84.25	25.56	249.99	7.68	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.86	1.06	4.38	0.67	3.61	1 : 1.192	75.76	29.53	66.11	1,294.92	2.81	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.13	0	0.84	0.65	3.50	1 : 1	N/A	332.14	49.43	241.12	6.46	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.53	0	5.95	0.52	15.00	1 : 1	N/A	161.01	38.85	108.00	11.23	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	4.18	3.47	20.5	1.81	18.62	1 : 1.02031	20.56	11.46	34.68	222.00	5.00	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.35	0.01	0.94	2.60	2.00	1 : 1	2963.86	150.00	26.47	156.48	2.69	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.88	0.23	4.5	2.47	4.00	2 : 1	286.27	8.44	34.27	157.10	5.11	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.20	0.01	1.31	1.81	2.10	1 : 1	1568.82	75.57	23.98	1,375.54	6.55	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.11	0.06	1.64	1.06	3.50	1 : 1	76.1	120.12	56.05	91.07	14.91	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W3	0.01	N/A	0.8	0.13	2.73	1 : 1.099	N/A	266.78	43.75	625.70	87.92	20-Dec-19	Last trading day of June, Dec
MILL-W4	0.05	0.03	0.8	2.68	2.00	1 : 1.099	43.8	172.13	43.75	405.44	17.58	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.02	0	0.8	0.68	1.75	1 : 1.03	N/A	124.63	43.75	905.04	41.20	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	3.00	2.92	36.5	1.91	43.00	1 : 1	2.69	26.03	24.74	230.88	12.17	30-Sep-21	15th of Feb, May, Aug, Nov

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	Market	Black Scholes											
NCL-W3	0.01	N/A	1.01	0.09	2.40	1 : 1.5	N/A	207.92	31.77	64.88	151.50	06-Dec-19	28 Jun 19, 6 Dec 19
NEWS-W6	0.01	0.01	0.01	1.61	0.02	1 : 1	N/A	160.00	399.99	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	1.47	0.46	2.48	2.11	6.48	1 : 1.00255	219.25	221.27	81.81	108.78	1.69	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.11	N/A	2.1	0.57	3.19	1 : 1.5695	N/A	89.37	19.82	127.75	29.96	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3	0.03	0	0.32	0.29	1.00	1 : 1	N/A	221.88	39.94	693.94	10.67	18-Feb-20	Last trading day of May,Nov
NVD-W1	0.10	0	1.83	1.70	7.86	1 : 1.018	N/A	341.00	29.34	276.12	18.63	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.34	0.19	1.08	2.28	1.00	1 : 1	77.53	24.07	34.63	603.22	3.18	13-Feb-22	13 Feb 2022
ORI-W1	0.56	0.05	6.75	0.91	13.33	1 : 1	992.32	105.83	42.44	609.86	12.05	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.01	0.05	3.30	2.00	1 : 1	77.39	3940.00	133.28	2,460.22	2.50	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.08	0.02	0.05	2.82	0.25	1 : 1	242.63	560.00	133.28	1,167.36	0.63	29-Aug-22	29 Nov 19
PDI-W1	0.48	0	7.45	1.53	33.00	1 : 1	N/A	349.40	29.05	75.33	15.52	14-May-21	15 May, 15 Nov
PDJ-W3	0.46	0.52	1.54	0.26	1.00	1 : 1	-11.34	-5.19	26.14	25.59	3.35	07-Feb-20	7 Feb 20
PDJ-W4	0.55	0.53	1.54	1.26	1.00	1 : 1	4.29	0.65	26.14	51.19	2.80	07-Feb-21	7 Feb 21
PERM-W1	0.21	0.17	0.98	2.62	1.80	1 : 1	26.07	105.10	61.28	250.00	4.67	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.68	0.08	2.44	2.56	5.91	1 : 1.09999	792.4	187.05	40.27	46.00	3.95	27-May-22	Last trading day of June, Dec
PPPM-W4	0.28	0.46	0.71	4.74	1.00	1 : 1	-38.76	80.28	139.90	228.85	2.54	31-Jul-24	Last trading day of Oct
PRIME-W1	0.05	0	0.39	1.13	1.08	1 : 1.3946	N/A	262.90	64.69	347.00	10.88	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	0	0.39	1.13	1.53	1 : 1.3095	N/A	388.59	64.69	261.75	25.54	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.31	0.2	1.5	0.67	1.53	1 : 1.174	55.44	26.85	41.03	31.68	5.68	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.04	N/A	1	0.66	2.25	1 : 1.22449	N/A	157.47	24.67	157.08	30.61	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	2.96	2.8	15.4	0.55	12.44	1 : 1.0047	5.73	0.01	35.44	187.52	5.23	23-May-20	Last trading day of Apr, Oct
SAMART-W2	0.51	0.07	7.4	1.53	14.80	1 : 1.014	580.02	108.39	33.66	335.43	14.71	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.12	0.03	0.9	0.99	1.00	1 : 1	360.27	24.44	19.82	93.41	7.50	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	13.40	20.76	64.5	0.57	48.48	1 : 1.237	-35.44	-5.03	35.17	39.95	5.95	29-May-20	Last trading day of May,Nov
SDC-W1	0.09	0.02	0.2	3.58	0.50	1 : 1	319.46	195.00	47.28	1,731.04	2.22	01-Jun-23	Last trading day of June, Dec

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	Market	Black Scholes											
SIMAT-W2	0.13	N/A	1.5	0.54	13.32	1 : 1.1261	N/A	897.13	33.82	37.81	12.99	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.15	0	1.5	5.54	26.64	1 : 1.1261	N/A	1898.61	33.82	37.81	11.26	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.55	0.54	1.5	1.68	1.00	1 : 1	1.11	3.33	33.82	43.69	2.73	08-Jul-21	9 Jul 2021
SINGER-W1	2.20	1.4	6.95	1.47	7.00	1 : 1	56.74	32.37	46.60	65.75	3.16	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.70	0.97	6.95	3.46	14.00	1 : 1	75.16	125.90	46.60	65.75	4.09	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2	0.21	0.07	1	1.91	1.50	1 : 1	187.83	71.00	36.74	92.00	4.76	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.09	0	0.98	0.57	2.10	1 : 1	N/A	123.47	29.42	209.12	10.89	29-May-20	Last trading day of Mar, Sept , Dec
SST-W2	1.01	0	4.5	1.91	10.00	1 : 1	N/A	144.67	21.93	30.39	4.46	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.29	0.21	3.04	0.30	4.00	1 : 1	40.25	41.12	88.31	135.45	10.48	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.02	0	0.59	0.82	2.50	1 : 1	N/A	327.12	39.91	5,469.68	29.50	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SVI-W3	0.61	0.49	4.6	0.39	4.44	1 : 1	23.8	9.78	37.63	30.00	7.54	26-Mar-20	15 of Jul
SWC-W1	2.88	0.64	3.9	2.43	1.00	1 : 1	347.32	-0.51	39.12	143.32	1.35	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.03	0	0.42	1.24	1.88	1 : 1.07	N/A	379.60	37.29	400.00	14.98	28-Jan-21	Last trading day of Dec
TCC-W3	0.04	0	0.22	2.41	0.81	1 : 1.23886	N/A	353.08	45.64	92.20	6.81	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.04	0.01	0.22	3.53	0.90	1 : 1.10801	N/A	364.13	45.64	369.34	6.09	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.16	0.07	0.22	8.56	0.50	1 : 1	120.4	200.00	45.64	98.41	1.38	24-May-28	Last trading day of Jul
TCJ-W2	0.15	0	3.96	0.59	9.80	1 : 1.02	N/A	154.39	27.41	31.53	26.93	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TCMC-W2	0.01	0	2.1	0.07	4.00	1 : 1	N/A	90.95	36.81	254.40	210.00	30-Nov-19	Last trading day of Mar, Sept
TFG-W2	0.54	0	3.78	0.54	9.50	1 : 1	N/A	165.61	48.32	510.81	7.00	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.03	0.09	3.88	0.50	1 : 1	-61.66	466.67	102.51	1,944.51	9.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.35	0.45	3.50	4 : 1	N/A	160.00	35.06	2,191.76	135.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.06	0	0.61	0.62	1.00	1 : 1	N/A	73.77	38.09	321.67	10.17	16-Jun-20	Last Trading of June
TNITY-W1	0.28	0	3.76	1.37	5.00	1 : 1	N/A	40.43	15.34	97.28	13.43	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.11	0.07	0.3	1.57	0.25	1 : 1.00027	56.12	19.98	36.59	1,606.61	2.73	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.63	0.06	6.9	1.65	18.00	1 : 1	931.28	170.00	38.58	112.00	10.95	28-Jun-21	Last trading day of June, Dec

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	Market	Black Scholes											
TVD-W2	0.23	0.11	1.1	1.41	1.00	1 : 1.002	106.7	11.66	25.86	162.48	4.79	02-Apr-21	Last trading day of June, Dec
TWZ-W5	0.01	0	0.07	0.24	0.10	1 : 1	N/A	57.14	97.08	2,289.87	7.00	31-Jan-20	30 Jan 20
UAC-W2	0.28	0	2.98	0.65	5.55	1 : 1	N/A	95.64	15.79	66.76	10.64	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.11	0	0.35	0.36	0.50	1 : 1	N/A	74.29	40.57	103.01	3.18	14-Mar-20	Last trading day of May,Nov
U-W1	SP	N/A	1.89	0.01	6.00	1 : 0.01	N/A	2.18	40.68	180,628.31	1.89	07-Nov-19	Last trading day of Mar, June, Sept, Dec
U-W4	0.01	0	1.89	3.36	6.00	1 : 0.01	N/A	2.18	40.68	141,895.49	1.89	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.79	1.47	9.7	2.85	10.00	1 : 1	22.03	21.55	25.92	1,661.33	5.42	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.89	0.83	1.86	0.61	1.00	1 : 1.00086	6.84	1.56	21.26	361.66	2.09	14-Jun-20	30th of Sep
VIBHA-W3	0.20	0.03	1.86	2.61	3.00	1 : 1.00086	519.77	71.94	21.26	1,011.62	9.31	14-Jun-22	30 Sep of each year
WAVE-W1	0.10	0	1.66	0.51	6.00	1 : 1	N/A	267.47	42.44	42.12	16.60	08-May-20	Last trading day of June, Dec
WHA-W1	11.80	12.51	4.64	0.33	3.42	1 : 10.2396	-5.71	2334.39	19.05	79.06	4.03	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.08	N/A	0.86	2.16	4.22	1 : 1.185	N/A	474.14	27.02	124.97	12.74	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.09	N/A	0.75	4.45	2.70	1 : 2	N/A	544.00	29.33	413.03	16.67	17-Apr-24	Last trading day of Mar, June, Sept, Dec